LOCATIONS

LSC-CYFAIR
9191 Barker Cypress Road
Cypress, TX  77433-1383
281.290.3200 • CE: 281.290.3460

LSC-KINGWOOD
20000 Kingwood Drive
Kingwood, TX  77339-3801
281.312.1600 • CE: 281.312.1660

LSC-MONTGOMERY
3200 College Park Drive
Conroe, TX  77384-4500
Local: 936.273.7000/Metro: 936.321.5161
CE: 936.273.7446

LSC-NORTH HARRIS
2700 W.W. Thorne Drive
Houston, TX  77073-3499
281.618.5400 • CE: 281.618.5602

LSC-TOMBALL
30555 Tomball Parkway
Tomball, TX  77375-4096
281.351.3300 • CE: 281.357.3676

LSC-UNIVERSITY PARK
20515 State Highway 249
(at Louetta)
Houston, TX  77070-2607
281.290.2600 • CE: 281.290.2601

LSC-UNIVERSITY CENTER
AT THE WOODLANDS
3232 College Park Drive
The Woodlands, TX  77384-4500
936.321.4500/936.273.7510

LSC-UNIVERSITY CENTER
AT UNIVERSITY PARK
20515 State Highway 249
(at Louetta)
Houston, TX  77070-2607
281.290.2600

LONE STAR COLLEGE-SYSTEM
OFFICE, THE WOODLANDS
5000 Research Forest Drive
The Woodlands, TX  77381-4399
832.813.6500

CE classes are also available at LSC satellite centers. Contact and location information for centers is available starting on page 130.
Welcome!

Welcome to Lone Star College.

Now is the time to get started on your future! We want to be your next step into an exciting career. Whether you want to train for a new career or take classes to enhance your current skill set, Lone Star College is committed to making your training affordable and accessible.

In most cases, no college application or prior testing is required. Class start dates are available throughout the year. With six comprehensive colleges located across the Houston region from Montgomery to Katy there is a campus close to you for your workforce training needs.

Inside this Career & Technical Education (CTE) and Lone Star Corporate College (CC) Open Enrollment schedule, you will find the information you need for high-demand careers in Business and Professional Services, Energy, Manufacturing & Skilled Trades, Health, Emergency & Personal Services, and Computer/Digital Technology & Visual Communications. If you don’t know where to begin or would like to speak to a workforce advisor, call a campus location today (phone numbers for staff are listed by campus on the inside cover).

We are proud to serve our growing industry and community needs. Thank you for choosing Lone Star College!

Linda L. Head
Associate Vice Chancellor, Workforce Education & Corporate Partnerships
Important Dates

Fall 2017
Apr. 6  Registration begins
Aug. 19  Payment due
Aug. 28  Fall classes begin
Dec. 8  End of semester
Dec. 11–17  Final Exams
Dec. 17  Winter mini-mester begins
Dec. 18  Winter mini-mester
Jan. 7  3-week mini-mester ends
Jan. 14  4-week mini-mester ends

Spring 2018
Nov. 15  Registration begins
Jan. 6  Payment due
Jan. 16  Spring classes begin
May 7–13  Spring 2018 Final Exams
May 11–12  Commencement
May 13  End of semester

Summer 2018
Mar. 1  Registration begins
May 4  Payment due (May mini-mester)
May 14  May mini-mester begins
May 25  May mini-mester ends
June 3  Summer I classes begin
June 4  Summer I classes end
July 10  Summer II classes begin
July 12  Summer II classes end
Aug. 19  Summer II classes end

College Holidays

2017
Sept. 2–4  Labor Day holiday
Nov. 22–26  Thanksgiving holiday
Dec. 25  Winter mini-mester holiday
Dec. 21-Jan. 3  Winter holiday

2018
Jan. 15  MLK holiday
Mar. 12–18  Spring Break
Mar. 30–Apr. 1  Spring holiday
May 26–28  Memorial Day holiday
July 4  Independence Day holiday

Financial Aid Dates

Nov. 1  Spring Processing Priority Date
July 1  Summer Processing Priority Date
July 15  Fall Processing Priority Date
Apr. 1  State Grant Date

View other dates online:
Registration  LoneStar.edu/registration
Tuition Payments  LoneStar.edu/payment
SAP Submission  LoneStar.edu/sap
Refunds/Drop  LoneStar.edu/refunds
Final Exams  LoneStar.edu/examschedule

Dates subject to change. Visit the website for most current information.

LoneStar.edu/academic-calendar
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This catalog has been carefully prepared to ensure that all information is accurate; however, Lone Star College reserves the right to make changes. This may result in deviations from the published catalog, including tuition and fees. For the most up-to-date course catalog, please visit LoneStar.edu/CE.

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The diagrams above explain how to read the course listings in this catalog. You will need this information to register for classes, either in person at a Lone Star College campus or online at LoneStar.edu/CE-Registration. Courses proceeded by a link symbol are linked to a credit course (see page 5). If you have questions about a class, contact the Lone Star College campus where the class is offered.
DEFINITION OF TERMS

Certificates
Course: A certificate of completion is awarded upon successful completion of a workforce education course to document Continuing Education Units (CEUs). The number of CEUs awarded for the course will be listed on the course certificate.

Workforce: A CTE Workforce Development Certificate is awarded to a student who successfully completes a grouping of related continuing education courses that are required for an entire program of study. For details or to apply, contact your local CTE office.

Continuing Education Units (CEUs)
One CEU is 10 contact hours of successful completion of a continuing education course. CEUs are recognized internationally as a measure of substantive professional education and training.

Instruction Types
The instruction type for all classes is ‘In Person’ unless otherwise noted.
- **IN PERSON**: face-to-face instruction attended on-campus in a classroom setting.
- **ONLINE**: Complete class in a virtual setting. Access your online class at LoneStar.edu/lsc-online.
- **HYBRID**: a combination of in-person instruction with computer, internet, paper, or online learning features.

Linked Courses
Linked courses are designated by a symbol in the class schedule. If a CTE linked course was taken from 2005 to present, it can be articulated if it is linked to credit courses. These classes may last the entire semester or any portion thereof. Students who register for these classes are enrolled in the same section as credit hour (SCH) students and must meet all prerequisites and instructor requirements. Students who wish to receive credit hours must complete a Prior Learning Assessment by CTE-Credit Articulation form and petition for credit. For details, go to LoneStar.edu/PLA or see an advisor.

POLICIES

Minors on Campus
Lone Star College is a community college system that embraces our communities and welcomes residents of all ages. However, in order to provide for the safety of all children, students who are enrolled in credit/CTE/CE classes and who are age sixteen or younger must have a parent, legal guardian or authorized responsible adult at the LSC campus, center or facility to monitor the student’s activities outside of class and to be immediately available in case of an emergency.

Class Cancellations
Although CTE personnel will attempt to contact students in the event a class is canceled, it is the student’s responsibility to check their class status before attending. Students can check their class status by calling their campus or going to LoneStar.edu/myLoneStar and go to the CTE Student Center.

Emergency Closing/Inclement Weather
In the event of inclement weather or emergency closing, the Location Executive Officer (LEO) or designee may cancel all or some classes. Generally, such decisions will be made between 5:30 and 6 a.m. for day classes and by 3 p.m. for evening classes. When off-campus facilities are closed for any reason, the college classes at those sites will be canceled. The closing announcement will be made on LoneStar.edu, as well as on all local network channels for all locations.

Family Education Rights and Privacy Act
The Family Educational Rights and Privacy Act (FERPA), also known as the Buckley Amendment, was established to protect the privacy rights of all students and applies to any educational facility receiving federal funds.

The Act prevents the release of certain information held within student records. Information is provided within this site for individuals seeking student records and for staff seeking information on FERPA regulations and how to properly manage student records. For more information, go to LoneStar.edu/ferpa.

Health Notice and Immunization
Students in programs that require immunizations must submit proof of such immunizations.

Equal Opportunity Statement
Lone Star College is committed to the principle of equal opportunity in education and employment. Lone Star College does not discriminate on the basis of race, color, gender, religion, disability, age, veteran status, sexual orientation, nationality or ethnicity in its programs and activities.

The LSC Associate Vice Chancellor, Human Resources is designated as the LSC Equal Opportunity Officer and Title IX Coordinator for employees. The LSC Associate Vice Chancellor, Student Success, is designated as the Title IX Coordinator for students. All employee inquiries concerning LSC policies, compliance with applicable laws, statutes, and regulations (such as Title VI, Title IX, and Section 504), and complaints may be directed to:

Chief Human Resources Officer, Equal Opportunity Officer, Title IX Coordinator
5000 Research Forest Drive
The Woodlands, TX 77381
832.813.6520
HR-Compliance@LoneStar.edu

The LSC Associate Vice Chancellor of Student Success, is designated as the LSC Title IX Coordinator for students. All student inquiries concerning LSC policies, compliance with applicable laws, statutes, and regulations (such as Title VI, Title IX, and Section 504), and complaints may be directed to:

Associate Vice Chancellor, Student Success
Title IX Coordinator
5000 Research Forest Drive
The Woodlands, TX 77381
832.813.6841
Student-Compliance@LoneStar.edu

Inquiries about the laws and compliance may also be directed to the Office for Civil Rights, U.S. Department of Education. For further information, visit ed.gov for the address and phone number of the office that serves your area or call 1-800-421-3841. Additional policy information can be found at LoneStar.edu/policy.htm

Refunds
Students must officially withdraw three business days before class begins to receive a refund. Otherwise, no refund will be given. Membership fees are nonrefundable. If you receive a refund check in error, please contact your nearest CTE office.

Returned Checks
There is a $30 charge plus applicable fees for returned checks. Checks returned unpaid must be promptly redeemed by cash or money order, or registration will be canceled and all records withheld.

Sex Offender Policy
Effective September 1, 2003, the Texas Code of Criminal Procedure 62.051 requires each person who is required to register as a sex offender and who intends to be employed, work with a contractor, or attend classes at an institution of higher education to register with the campus police department at least seven days before reporting to any College location. Current LSCS board policy requires that sex offenders seeking to enroll at, provide services to, or be employed with LSCS submit information pertinent to his or her offenses to the System Review Committee to determine his or her eligibility for enrollment, vendor services or employment. A person seeking to be a student shall be required to be approved before completing the registration process.
REGISTRATION FOR CLASSES

LSC offers many possibilities for enriching careers and personal lives. The Career & Technical Education (CTE) and Corporate College Open Enrollment (CCOE) courses listed in this schedule are designed to provide you with courses and certificates that prepare you for your next career or to advance in your current position. Community Education courses provide personal enrichment.

Our mission is to provide diverse, high quality training and educational opportunities in response to community and business needs. Our commitment is to improve skills, enrich lives and engage minds through affordable and accessible workforce and community programs.

Meet with an Advisor

Advisors are available to help you make informed decisions about your career path. We can assist you in scheduling your courses for a specific program certificate or answer any questions you may have regarding the program schedule. Advisors are also available to assist you with registration and providing financial aid options.

Prerequisites

Some programs and courses require documentation or coursework prior to enrollment. Advisors will assist you with that information upon registration.

You can find classes by searching through this catalog or by searching online. Classes are listed by program subject, which are part of the index.

Register for Your Career

To Register Online

To register online, go to LoneStar.edu/ce-registration.

Steps for Online Registration

LoneStar.edu/ce-registration will take you to a “Search for Classes” page. Enter your course title in the Course Title Keyword box, Search Subject, or enter Catalog Number and hit search.

The search results will display the meeting dates, days, times, and location for classes offered.

If you would like more detail on a specific class, click the Section number. If offered in your search results, you may also click View All Sections (in the top tab of the class description) to view additional class offerings.

Once you have found and decided this is a class you would like to register for, click and then add it to your shopping cart by clicking

Add to Shopping Cart

Now you can return to the “Search for Classes” page to continue to search for additional classes. Or you may enter the 4-5 digit class number located in the schedule that will allow you to bypass the search and take you directly to the class you want.

If there are no other classes that you want to register for, click

Completed Enrollment

You may also add and remove classes from your shopping cart by clicking

Add or Remove Classes

Now you will be prompted to enter a user ID and password. If you are a first-time student, Click Here (in the left-hand box) to enter your personal information. Returning students should enter user ID and password in the space provided. Then hit Sign On.

Once submitted, it may take a few minutes. Note the icon in the upper right corner of the page indicates that your request is processing. If you are a new student, you will be asked to set your password on the Registration Confirmation page. After that, print the Registration Confirmation page.

Next, click and to pay for your classes.

If you abandon this transaction without paying once initiated, you will be dropped from the class. You have 15 minutes to complete the transaction.

To Register at Campus

Use the Career and Technical Registration form provided in this course catalog and schedule. If registering at a campus, complete the registration form and take it to your nearest Lone Star College campus. Don’t worry if you have blanks left on the form or have questions. Advisors are available to help you through this process.

Add/Drop Classes

You can add a class as long as this is done before the class is scheduled to begin. If you wish to drop a class and receive a full refund, you must drop the class three business days before the class is scheduled to begin. If a drop is not made before three business days, there will be no refund.

Tuition and Fees

An infrastructure fee of $20 is assessed per semester. This fee does not apply to online courses. Additional fees apply to some programs and courses. Fees are subject to change and some may change after the printing of this document.

Course Availability

Some courses are offered only in selected semesters and are not available every semester. Please see course schedule for details, or go to LoneStar.edu/CTE.
<table>
<thead>
<tr>
<th>Date</th>
<th>Residency</th>
<th>Tuition Assistance</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong><strong>/</strong></strong>/20____</td>
<td>I currently reside:</td>
<td>□ DARS</td>
</tr>
<tr>
<td>Term: □ Fall □ Spring □ Summer</td>
<td>□ In the state of Texas</td>
<td>□ Hazelwood Exempt</td>
</tr>
<tr>
<td></td>
<td>□ Not in the state of Texas</td>
<td>□ TAA</td>
</tr>
<tr>
<td></td>
<td>State:________</td>
<td>County:____________</td>
</tr>
</tbody>
</table>

**Student Registration Information**

<table>
<thead>
<tr>
<th>Last Name:</th>
<th>First Name:</th>
<th>Middle Name:</th>
<th>Student ID or Soc. Sec. No.*</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Address:</th>
<th>City:</th>
<th>State:</th>
<th>Zip:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Mailing Address (if different)</th>
<th>City:</th>
<th>State:</th>
<th>Zip:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Emergency Contact</th>
<th>Name:</th>
<th>Relationship:</th>
<th>Phone No:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Social Security Number is required if you are applying for financial aid but is not required for admission. Providing a Social Security Number (SSN) will, however, speed up the processing of your application since we will not need to manually match your application with other materials such as transcripts and test scores. Supplying a SSN also ensures that you will be able to claim the Hope Tax Credit if you are eligible on your federal tax return. Lone Star College uses the SSN for compliance with federal and state reporting requirements and has a strong commitment to ensuring the privacy and confidentiality of student records and will not disclose your Social Security Number without your consent for any purpose except as allowed by law.

**Demographic Questionnaire**

<table>
<thead>
<tr>
<th>Gender:</th>
<th>□ M</th>
<th>□ F</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Race** (Check all that apply)

<table>
<thead>
<tr>
<th>□ American Indian/Alaskan Native</th>
<th>□ Not Hispanic or Latino</th>
</tr>
</thead>
<tbody>
<tr>
<td>□ Asian</td>
<td>□ Black/African American</td>
</tr>
<tr>
<td>□ Hispanic or Latino</td>
<td>□ Native Hawaiian/Pacific Islander</td>
</tr>
<tr>
<td>□ White</td>
<td></td>
</tr>
</tbody>
</table>

**Additional Information**

<table>
<thead>
<tr>
<th>□ Academically disadvantaged</th>
<th>□ Limited English</th>
</tr>
</thead>
<tbody>
<tr>
<td>□ Economically disadvantaged</td>
<td>□ Displaced Homemaker</td>
</tr>
<tr>
<td>□ Disabled:</td>
<td>□ Single Parent</td>
</tr>
<tr>
<td>Type of Disability</td>
<td></td>
</tr>
</tbody>
</table>

**How did you hear about us?**

<table>
<thead>
<tr>
<th>□ Received a schedule in the mail</th>
<th>□ Picked up a schedule from a business location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Business</td>
<td>LoneStar.edu</td>
</tr>
<tr>
<td></td>
<td>Other</td>
</tr>
</tbody>
</table>

**What is your primary goal?**

<table>
<thead>
<tr>
<th>□ Personal Enrichment</th>
<th>□ Academy for Lifelong Learning (ALL) Member</th>
</tr>
</thead>
<tbody>
<tr>
<td>□ Leisure Learning</td>
<td>□ Professional Development</td>
</tr>
<tr>
<td>□ Workforce Certificate, Which certificate?</td>
<td></td>
</tr>
<tr>
<td>□ Other</td>
<td></td>
</tr>
</tbody>
</table>

**Course Selection**

<table>
<thead>
<tr>
<th>Class #</th>
<th>Course Title</th>
<th>Catalog #</th>
<th>Campus</th>
<th>Start Date</th>
<th>Course Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ex: 55555</td>
<td>Introduction to Computers</td>
<td>ITSCC 2100103</td>
<td>LSC-CyFair</td>
<td>09/02/14</td>
<td>$180</td>
</tr>
</tbody>
</table>

**Payment is due at the time of registration.**

Make all checks payable to Lone Star College System. A $20 infrastructure fee is charged per semester.

_______ (please initial) I understand that if I wish to drop a class and receive a full refund, I must drop the class three business days before the class is scheduled to begin.

<table>
<thead>
<tr>
<th>Total Fee</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Method of Payment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Entered by</td>
</tr>
<tr>
<td>Date</td>
</tr>
<tr>
<td>Receipt #</td>
</tr>
</tbody>
</table>

**Charge to My:**

<table>
<thead>
<tr>
<th>□ AmEx</th>
<th>□ Discover</th>
</tr>
</thead>
<tbody>
<tr>
<td>□ Master Card</td>
<td>□ Visa</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Name on Card:</th>
<th>Authorized Signature:</th>
<th>Billing Address:</th>
</tr>
</thead>
</table>

Visit LoneStar.edu • Affirmative Action/EEO College • For more information on bacterial meningitis please go to www.Tdh.state.tx.us
Paying for classes

Payment Methods
Credit card or electronic check payment is required when registering online. Accepted credit cards include American Express, Discover, MasterCard or Visa. If you register in person, credit cards and cash are accepted. We also accept money orders and checks. Please make payable to Lone Star College. Payment is due at time of registration.

Refunds
Students must officially withdraw three business days before class begins to receive a refund. Otherwise, no refund will be given. Membership fees are nonrefundable. If you receive a refund check in error, please contact your nearest CTE office.

Returned Checks
There is a $30 charge plus applicable fees for returned checks. Checks returned unpaid must be promptly redeemed by cash or money order, or registration will be canceled and all records withheld.

Need Financial Assistance?

Texas Public Education Grant (TPEG)
This funding is available based on an applicant’s eligibility and financial need. Many workforce certificate courses are eligible for TPEG funding until funds are depleted. Call your local Lone Star College CTE office for more information. Go to www.fafsa.ed.gov (school code 011145) to complete the Free Application for Federal Student Aid (FAFSA) application.

WIA/Workforce Program
Some certificate programs are certified through the Workforce Investment Act (WIA). Contact Michelle Greer at 281.290.2826 or michelle.c.greer@lonestar.edu to determine if you qualify for paid job training.

Veterans Affairs
Students using Military/Veteran Education Benefits must meet with a Campus Veteran Liaison/Advisor prior to enrolling. The Campus Liaison/Advisors will assist you with your degree plan and ensure your classes are eligible for Military/Veteran Education benefits. Visit LoneStar.edu/veterans-services or call 281.290.2922.

STUDENT SERVICES

Books
If books and supplies are required, they are not included in the cost of the course, unless indicated in the course description. Books may be purchased in the LSC bookstores or online at efollett.com.

Book Stores
LSC-CyFair 281.290.5950
LSC-Kingwood 281.312.1699
LSC-Victory Center 281.810.5658
LSC-Montgomery 936.273.7338
LSC-Conroe Center 936.756.3947
LSC-North Harris 281.618.5699
LSC-Tomball 281.351.3398
LSC-University Park 281.401.5323
LSC-Atascocita Center 832.775.0356

Student Career & Talent Acquisition Services
Lone Star College has a number of ways to assist with your career search. First, our campus Career Services staff can help you determine which career is right for you, then match that with the correct degree or certificate program to prepare you with the right skills and knowledge. When you complete your training or certification you should contact our Student Talent Acquisition Center that offers online services and in person job fairs to connect you to Houston area employers. Please visit LoneStar.edu/career-services or LoneStar.edu/career-fairs online or call 281.401.5358.

LSC Disability Services Office (DSO)
Lone Star College is dedicated to providing access and services in compliance with the Americans with Disabilities Act and Section 504 of the Rehabilitation Act. Support services for students with disabilities are provided on an individual basis. Requests for services must be made through the Disability Services Office. For contact information and next steps, please visit the LSC Disability Services website at http://www.lonestar.edu/disability-services.htm.

Library Services
The mission of the LSC libraries is to support a successful educational experience, nurture the intellectual and cultural life of the community, encourage critical thought, promote information literacy, and provide innovative and high-quality services and programs. For more information, visit LoneStar.edu/library/about-libraries.

Parking Regulations
All LSC students and visitors are required to obtain a permit to park on college property. Parking permits are required 24 hours a day. Vehicle registration for students is valid for one academic year, from the issue date to the end of the academic year (August 31). For more information, go to LoneStar.edu/parking, call 281.765.7836 or email parking@Lonestar.edu.

Senior Adult - Benefits
Persons 60 years and older may receive discounted tuition for certain classes. The discounted price does not apply to all courses. Contact your local CTE office to determine eligible classes.

Youth Programs
Lone Star College offers youth classes in the summer and some specific courses throughout the year that provide students an opportunity to enhance existing talents or develop new ones through a variety of classes in age-appropriate groups. For more information contact the Lone Star College near you. The summer sessions begin in June.

Gainful Employment
For more information on Gainful Employment visit: LoneStar.edu/GainfulEmployment.

FAQs

Who should I contact to learn more about high-demand careers? Contact your campus CTE Advisor for your next steps. Contact details are listed on the inside cover of this course catalog and schedule.

How can I obtain professional development credits? Contact a business consultant for the latest professional development opportunities. Visit LoneStar.edu/CorporateCollege for more information.

What if I move or change my phone number? Go to myLoneStar.edu and select CTE Student Center to update your personal information.

What is the tuition/fees refund policy? Students must officially withdraw before class begins to receive a refund. Otherwise, no refund will be given. Membership fees are nonrefundable.

Do I need a LSCS student ID card? All CTE students are eligible for IDs. Students registered in healthcare programs must get a photo ID within the first week of class.

Do I need a meningitis vaccine? Some students may require the meningitis vaccination. For more information, visit LoneStar.edu/meningitis.
## Business Management & Administration

### Accounting

**Accounting Assistant/Bookkeeper Certificate**

<table>
<thead>
<tr>
<th>Program</th>
<th>Catalog#</th>
<th>Course#</th>
<th>Contact Hours</th>
<th>Tuition &amp; Fees</th>
<th>Campus</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accounting, Office I</td>
<td>ACNTC</td>
<td>2100106</td>
<td>24</td>
<td>$336</td>
<td>CF</td>
</tr>
<tr>
<td>Accounting, Office II</td>
<td>ACNTC</td>
<td>2104201</td>
<td>24</td>
<td>336</td>
<td></td>
</tr>
<tr>
<td>Excel I</td>
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**Payroll Assistant Certificate**

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**Payroll Professional Certificate**

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Prepares for the Certified Payroll Professional® Exam.

### Business Administration

**Lean Six Sigma Black Belt Certificate**

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**Lean Six Sigma Green Belt Certificate**

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<th>Campus</th>
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<tr>
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**Management I Certificate**

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<td>Communication Skills for Managers</td>
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<td>Lead Effective Meetings</td>
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**Project Management Certification**

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<th>Catalog#</th>
<th>Course#</th>
<th>Contact Hours</th>
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Prepares for the Project Management Professional® Exam.

### Education & Training

**Texas Teacher Certification - Clinical Teaching Track**

<table>
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<tr>
<th>Program</th>
<th>Catalog#</th>
<th>Course#</th>
<th>Contact Hours</th>
<th>Tuition &amp; Fees</th>
<th>Campus</th>
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<td>Pedagogy and Professional Responsibilities (PPR)</td>
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<td>7000062</td>
<td>108</td>
<td>$913</td>
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<tr>
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<td>ATPCP</td>
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<tr>
<td>Components of Special Education</td>
<td>ATPCP</td>
<td>7000027</td>
<td>48</td>
<td>528</td>
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</tr>
<tr>
<td>Generalist Teacher Prep or Creating Successful Classrooms</td>
<td>ATPCP</td>
<td>7000086 or 7000081</td>
<td>48</td>
<td>528</td>
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<tr>
<td>Field Experience</td>
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Additional costs required for certification fees and testing, application fees, background checks, courses, course materials and textbooks. Prepares for Texas Teacher Certification Exams.

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<table>
<thead>
<tr>
<th>PROGRAM/ COURSE</th>
<th>CATALOG#</th>
<th>COURSE#</th>
<th>CONTACT HOURS</th>
<th>TUITION &amp; FEES</th>
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<tr>
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<tr>
<td>Generalist Teacher Prep or Creating Successful Classrooms</td>
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Field Experience & Mentor Fee
Tuition and Fees 305 $4,614.50
Additional costs required for certification fees and testing, application fees, background checks, courses, course materials and textbooks. Prepares for Texas Teacher Certification Exams.

<table>
<thead>
<tr>
<th>Substitute Teacher Certificate</th>
<th>CATALOG#</th>
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Hospitality

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<th>CONTACT HOURS</th>
<th>TUITION &amp; FEES</th>
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<td>Care and Handling of Cut Flowers &amp; Foliage</td>
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<td>Basic Design Techniques</td>
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<td>Wedding Design Techniques</td>
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<td>Funeral Design Techniques</td>
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<td>Wedding Planner Certification</td>
<td>BUSGC 2109124</td>
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Computer/Digital Technology & Visual Communications

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<tr>
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<tr>
<td>AutoCAD Draftsman Certificate</td>
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<td>$440</td>
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<td>AutoCAD, Introduction</td>
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<td>AutoCAD, Intermediate</td>
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<td>Tuition and Fees</td>
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| SolidWorks Designer Certificate | DFTGC 2109120 | 30 | $414 | CF | K | NH | UP |
| Solidworks I | DFTGC 1109101 | 30 | 414 |
| Solidworks II | 60 | $828 |
| Tuition and Fees |  |

Networking: Cisco & Microsoft

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<tr>
<th>Cisco Network Administrator (CCNA) Certificate</th>
<th>CATALOG#</th>
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<th>TUITION &amp; FEES</th>
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<td>Routing &amp; Switching Essentials; Linked to ITCC 1376</td>
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Prepares for CISCO Certification Exam.
### Corporate College/Career & Technical Education

#### Program & Course Listings

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### Programs of Study

#### Corporate College/Career & Technical Education

##### Program & Course Listings

<table>
<thead>
<tr>
<th>PROGRAM/COURSE</th>
<th>CATALOG#</th>
<th>COURSE#</th>
<th>CONTACT HOURS</th>
<th>TUITION &amp; FEES</th>
<th>CAMPUS</th>
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Prepares for CompTIA A+ Certification Examinations 220-801 & 220-802

#### Web

| Web Designer Certificate             |          |         |               |                |        |
| HTML I, Website Development (Introduction) | ITNWC    | 2105901 | 32            | $440           | M      |
| Photoshop I for Web                  | GRPHC    | 2109107 | 24            | 336            |        |
| WordPress I                          | ITSEC    | 2109151 | 24            | 336            |        |
| Photoshop II for Web                 | GRPHC    | 2109108 | 24            | 336            |        |
| **Tuition and Fees**                 |          |         | 104           | $1,448         |        |

#### Web Developer Certificate

| HTML I, Website Development (Introduction) | ITNWC    | 2105901 | 32            | $440           | M      |
| Photoshop I for Web                     | GRPHC    | 2109107 | 24            | 336            |        |
| WordPress I                            | ITSEC    | 2109151 | 24            | 336            |        |
| HTML II: Website Development (Advanced) | ITNWC    | 2203600 | 24            | 336            |        |
| WordPress II                           | ITSEC    | 2109150 | 32            | 440            |        |
| Designing Effective Websites            | ARTCC    | 2100000 | 16            | 232            |        |
| SEO: Analytics and Tracking             | ITNWC    | 2109100 | 16            | 232            |        |
| **Tuition and Fees**                    |          |         | 168           | $2,352         |        |

### Energy, Manufacturing & Skilled Trades

#### Automotive Technology

| Automotive Technician Certificate     |          |         |               |                |        |
| Automotive Technology, Introduction; | AUMTC    | 2100501 | 112           | $342           | CC | NH |
| Linked to AUMT 1405                   |          |         |               |                |        |
| Automotive Electrical Systems;        | AUMTC    | 2100701 | 112           | 342            |        |
| Linked to AUMT 1407                   |          |         |               |                |        |
| Automotive Brake Systems;             | AUMTC    | 2101001 | 112           | 342            |        |
| Linked to AUMT 1410                   |          |         |               |                |        |
| **Tuition and Fees**                  |          |         | 336           | $1,026         |        |

| General Automotive Service Technician Certificate |          |         |               |                | CC | NH |
| Automotive Technician Certificate - Plus | AUMTC    | 2101601 | 112           | 342            |        |
| Steering & Suspension Systems;         | AUMTC    | 2202800 | 96            | 252            |        |
| Linked to AUMT 1416                   |          |         |               |                |        |
| Automotive Services;                  | AUMTC    | 2202800 | 96            | 252            |        |
| Linked to AUMT 2328                   |          |         |               |                |        |
| **Tuition and Fees**                  |          |         | 544           | $1,620         |        |

| CDL Professional Truck Driver Certificate |          |         |               |                | NH |
| Commercial Drivers License Written Skills | CVOPC    | 2100500 | 64            | $931           |        |
| Professional Truck Driver I            | CVOPC    | 2101300 | 80            | 1,155          |        |
| Professional Truck Driver II           | CVOPC    | 2104001 | 80            | 1,155          |        |
| Commercial Drivers License Exam Preparation | CVOPC    | 2101500 | 16            | 248            |        |
| **Tuition and Fees**                   |          |         | 240           | $3,489         |        |

| Standardized Construction               |          |         |               |                |        |

| Ironworking NCCER Certificate          |          |         |               |                | NH |
| NCER Core - Construction Methods/Materials | CNBTC    | 2101106 | 73            | $984           |        |
| Construction Methods & Materials II     | CNBTC    | 2200401 | 110           | 1,465          |        |
| Fundamentals of Oxy-Fuel Cutting - Ironwork | WLDGC    | 2100402 | 53            | 7224           |        |
| **Tuition and Fees**                   |          |         | 236           | $3,173         |        |

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<tr>
<th>PROGRAM/ COURSE</th>
<th>CATALOG#</th>
<th>COURSE#</th>
<th>CONTACT HOURS</th>
<th>TUITION &amp; FEES</th>
<th>CAMPUS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pipefitting NCCER Certificate</td>
<td>CNBTC</td>
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<td>NCCER Core - Construction Methods/Materials</td>
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<td>Basic Pipefitting</td>
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<tr>
<td>Welding NCCER Certificate</td>
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<td>73</td>
<td>$984</td>
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<tr>
<td>NCCER Core - Construction Methods/Materials</td>
<td>WLDGC</td>
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<td>553</td>
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**Electrician**

| Electrician - Journeyman: Exam Review | ELPTC | 2200102 | 32 | $440 | V |
| Journeymen Electrician Exam Review | 32 | $440 | |
| Electrician - Master: Exam Review | ELPTC | 2104001 | 48 | $659 | V |
| Master Electrician Exam Review I | 48 | $659 | |
| Master Electrician Exam Review II | 96 | $1,318 | |
| Tuition and Fees | 304 | $1,063 | |

**Field Service Technician Certificate**

| Field Service Technician Certificate | CETTC | 2100901 | 96 | $340 | CF | NH | UP |
| DC/AC Circuits; Linked to CETT 1409 | HYDRC | 2104504 | 80 | 239 | |
| Hydraulics and Pneumatics; Linked to HYDR 1345 | MCHNC | 2100202 | 64 | 237 | |
| Print Reading For Machine Trades; Linked to MCHN 1302 | MCHNC | 2104305 | 64 | 237 | |
| Machine Shop Mathematics; Linked to MCHN 1343 | Tuition and Fees | 304 | $1,063 | |

**Floor-Hand/Roustabout Certificate**

| Floor-Hand/Roustabout Certificate | PTRTC | 1109110 | 24 | $336 | UP |
| IADC® Gateway | INMTC | 1100501 | 96 | 1,283 | |
| Introduction to Oil and Gas | BUSGC | 1101200 | 16 | 232 | |
| Introduction to Industrial Maintenance | ENERC | 1103001 | 48 | 659 | |
| Work Skills for the Workplace | PRTC | 1100301 | 80 | 1,075 | |
| Basic Mechanical Skills for Energy | PRTC | 1202500 | 8 | 336 | |
| Drilling/Rig Floor Core Skills | PRTC | 1109105 | 24 | 336 | |
| IADC RIG PASS® | Tuition and Fees | 296 | $4,070 | |
| IADC WellSharp® | |

**Industrial Maintenance Assistant Certificate**

| Industrial Maintenance Assistant Certificate | INMTC | 1100501 | 96 | $1,283 | UP |
| Industrial Maintenance, Introduction | ENEC | 1103001 | 48 | 659 | |
| Basic Mechanical Skills for Energy | Tuition and Fees | 144 | $1,942 | |

**Pre-Apprentice Mechatronics Certificate**

| Pre-Apprentice Mechatronics Certificate | INMTC | 1109130 | 24 | $336 | UP |
| Introduction to Manufacturing | INMTC | 1100501 | 96 | 1,283 | |
| Introduction to Industrial Maintenance | ENERC | 1103001 | 48 | 659 | |
| Basic Mechanic Skills for Energy | IEIR | 1102001 | 64 | 867 | |
| Electrical/Electronics and Hardware | BUSGC | 1101200 | 16 | 232 | |
| Workskills for the Workplace | ELPTC | 1100306 | 40 | 544 | |
| Programmable Logical Controllers | MAIRC | 1102102 | 40 | 544 | |
| HVAC Basics | BMGTC | 1102404 | 16 | 232 | |
| Quality Control for Manufacturing | Tuition and Fees | 344 | $4,697 | |

Search & Register for classes online at LoneStar.edu/CE
### Corporate College/Career & Technical Education

**Program & Course Listings**

This catalog has been carefully prepared to ensure that all information is accurate; however, Lone Star College reserves the right to make changes, and may result in deviations from the published catalog, including tuition and fees. For the most up to date course catalog, please visit LoneStar.edu/CE.

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These programs are designed to prepare students for employment; however, individual workforce courses can also be taken for personal enrichment. Students who complete all courses within a program will earn a workforce certificate.

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## Health, Emergency & Personal Services

### Dental Hygiene

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**Tuition and Fees**

332 $2,771

Insurance Liability Fee (Fa/Sp/Su) +$12/8/0

Prepares for Registered Dental Exam | Required by: Texas State Board of Dental Examiners.

### Electrocardiography

**Electrocardiography Monitor Technician**

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**Tuition and Fees**

30 $339

Electrocardiography Technician

<table>
<thead>
<tr>
<th>Program</th>
<th>Catalog#</th>
<th>Course#</th>
<th>Contact Hours</th>
<th>Tuition &amp; Fees</th>
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<tbody>
<tr>
<td>Electrocardiography</td>
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<td>64</td>
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<td>Cardiovascular Technology Technician, Clinical</td>
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**Tuition and Fees**

179 $1,381

Insurance Liability Fee (Fa/Sp/Su) +$12/8/0

Prepares for Electrocardiograph Technician Exam | Required by: American Certification Agency for Healthcare Professionals.

### Emergency Services Professionals

**Emergency Medical Technician (EMT), Basic Certificate**

<table>
<thead>
<tr>
<th>Program</th>
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**Tuition and Fees**

224 $522

Insurance Liability Fee (Fa/Sp/Su) +$12/8/0

### Law & Public Safety

**TCOLE Law Enforcement Officer Certificate**

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**Tuition and Fees**

700 $2,940

### Nursing Assistant

**Clinical Medical Assistant Certificate**

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<th>Tuition &amp; Fees</th>
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<td>Clinical Medical Assistant</td>
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**Tuition and Fees**

262 $2,655

**Medication Aide Certificate**

<table>
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<th>Program</th>
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**Tuition and Fees**

140 $645

This catalog has been carefully prepared to ensure that all information is accurate; however, Lone Star College reserves the right to make changes, and may result in deviations from the published catalog, including tuition and fees. For the most up to date course catalog, please visit LoneStar.edu/CE.
These programs are designed to prepare students for employment; however, individual workforce courses can also be taken for personal enrichment. Students who complete all courses within a program will earn a workforce certificate.

<table>
<thead>
<tr>
<th>PROGRAM/ COURSE</th>
<th>CATALOG#</th>
<th>COURSE#</th>
<th>CONTACT HOURS</th>
<th>TUITION &amp; FEES</th>
<th>CAMPUS</th>
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<tbody>
<tr>
<td><strong>Nurse Aide (CNA) Certificate</strong></td>
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<td>Nurse Aide, Certified</td>
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<tr>
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Prepares for TDADS Nurse Aide State Exam | Required by: Nurse Aide Training and Competency Program.

<table>
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<tr>
<th>PROGRAM/ COURSE</th>
<th>CATALOG#</th>
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<th>CONTACT HOURS</th>
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Search & Register for classes online at LoneStar.edu/CE
### A+ Certification

<table>
<thead>
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<th>Course Title</th>
<th>Catalog#</th>
<th>Contact Hours</th>
<th>Tuition &amp; Fees</th>
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### Cisco Network Administrator (CCNA) Certificate

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<th>Course Title</th>
<th>Catalog#</th>
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<td>Routing &amp; Switching Essentials; Linked to ITCC 1376</td>
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<td>Scaling Networks; Linked to ITCC 2378</td>
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**Tuition and Fees**

| 320 | $1,008 |

Prepares for CISCO Certification Exam.

### Electrician - Journeyman: Exam Review

<table>
<thead>
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<th>Course Title</th>
<th>Catalog#</th>
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<th>Tuition &amp; Fees</th>
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### Electrician - Master: Exam Review

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**Tuition and Fees**

| 96  | $1,318 |

### Lean Six Sigma Black Belt Certificate

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Catalog#</th>
<th>Contact Hours</th>
<th>Tuition &amp; Fees</th>
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<tbody>
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<td>Lean Six Sigma Black Belt</td>
<td>BMGTC</td>
<td>62</td>
<td>$3,326</td>
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**Tuition and Fees**

| 62  | $3,326 |

### Lean Six Sigma Green Belt Certificate

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Catalog#</th>
<th>Contact Hours</th>
<th>Tuition &amp; Fees</th>
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</thead>
<tbody>
<tr>
<td>Lean Six Sigma Green Belt</td>
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<td>$1,935</td>
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**Tuition and Fees**

| 57  | $1,935 |

### Oracle DBA Certification

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Catalog#</th>
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**Tuition and Fees**

| 120 | $4,632 |

Prepares for the Oracle DBA Exam.

### Project Management Certification

<table>
<thead>
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<th>Course Title</th>
<th>Catalog#</th>
<th>Contact Hours</th>
<th>Tuition &amp; Fees</th>
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**Tuition and Fees**

| 35  | $1,566 |

Prepares for the Project Management Professional® Exam.

### Wedding Planner Certificate

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Catalog#</th>
<th>Contact Hours</th>
<th>Tuition &amp; Fees</th>
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<tbody>
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<td>Wedding Planner Certification</td>
<td>BUSGC</td>
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**Tuition and Fees**

| 40  | $924 |

### Welding Inspector Exam Prep

<table>
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<tr>
<th>Course Title</th>
<th>Catalog#</th>
<th>Contact Hours</th>
<th>Tuition &amp; Fees</th>
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</table>

**Tuition and Fees**

| 96  | $1,318 |

Prepares for AWS Welding Inspector Exam.
Career & Technical Education
Course Descriptions
Business & Professional Services

LSC-CYFAIR
9191 Barker Cypress Road
Cypress, TX 77433-1383
CASA Building, Room 116
CE: 281.290.3460

LSC-KINGWOOD
20000 Kingwood Drive
Kingwood, TX 77339-3801
CLA Building, Room 107
CE: 281.312.1660

LSC-MONTGOMERY
3200 College Park Drive
Conroe, TX 77384-4500
Building E, Room 205
CE: 936.273.7446

LSC-NORTH HARRIS
2700 W.W. Thorne Drive
Houston, TX 77073-3499
Comm Ed Building, Room 102
CE: 281.618.5602

LSC-TOMBALL
30555 Tomball Parkway
Tomball, TX 77375-4096
Building E, Room 166
CE: 281.357.3676

LSC-UNIVERSITY PARK
20515 State Highway 249 (at Louetta)
Houston, TX 77070-2607
Building 13, 3rd Floor, Room 303
CE: 281.290.2601

Register for classes online at LoneStar.edu/CTE
Questions? Email LSCCE@LoneStar.edu
Programs

Accounting

Accounting Assistant/Bookkeeper Certificate
112 hours, $1,600
- Accounting, Office I: 24 hours, $336
- Accounting, Office II: 24 hours, $336
- Excel I: 16 hours, $232
- Excel II: 16 hours, $232
- QuickBooks I: 16 hours, $232
- QuickBooks II: 16 hours, $232

Payroll Assistant Certificate
160 hours, $2,272
- Payroll Accounting I: 24 hours, $336
- Payroll Accounting II: 24 hours, $336

Payroll Professional Certificate
66 hours, $741
- PayTrain Fundamentals: 30 hours, $339
- PayTrain Mastery: 36 hours, $402

Education & Training

Substitute Teacher
26 hours, $282
- Substitute Teacher Training: 12 hours, $132
- Tools for Teaching Module: 14 hours, $150

Texas Teacher Certification - Clinical Teaching Track
303 hours, $3,094.50
- Pedagogy and Professional Responsibilities (PPR): 108 hours, $913
- TExES Review: PPR EC-12: 7 hours, $105.50
- Clinical Teaching: 62 hours, $1,020
- Components of Special Education: 48 hours, $528
- Generalist Teacher Prep or Creating Successful Classrooms: 48 hours, $528
- Field Experience: 30 hours

Texas Teacher Certification - Internship Track
305 hours, $4,614.50
- Pedagogy and Professional Responsibilities (PPR): 108 hours, $913
- TExES Review: PPR EC-12: 7 hours, $105.50
- TCP Internship I: 32 hours, $1,020
- TCP Internship II: 32 hours, $1,020
- Components of Special Education: 48 hours, $528
- Generalist Teacher Prep or Creating Successful Classrooms: 48 hours, $528
- Field Experience & Mentor Fee: 30 hours, $500

Hospitality

Wedding Planner Certification
40 hours, $924
- Wedding Planner Certification: 40 hours, $924

Floral Designer
88 hours, $1,432
- Floral Design, Principles: 8 hours, $122
- Care & Handling of Cut Flowers & Foliage: 8 hours, $147
- Floral Design Techniques, Basic: 20 hours, $324
- Floral Wedding Design Techniques: 20 hours, $344
- Floral Funeral Design Techniques: 20 hours, $344
- Floral Daily Business Procedures: 12 hours, $151

Business Administration

Lean Six Sigma Black Belt
62 hours, $3,326
- Lean Six Sigma Black Belt Certification: 62 hours, $3,326

Lean Six Sigma
Green Belt Certification
57 hours, $1,935
- Lean Six Sigma Green Belt Certification: 57 hours, $1,935

Management Certificate
48 hours, $768
- Supervision, Introduction: 8 hours, $128
- Communication Skills for Managers: 8 hours, $128
- Supervisors, Legal Issues: 8 hours, $128
- Employee Performance Review: 8 hours, $128
- Lead Effective Meetings: 8 hours, $128
- Team Building in the Workplace: 8 hours, $128

Project Management Certification
35 hours, $1,566
- PMP Certification Exam Preparation: 35 hours, $1,566

Linked with a credit course. See page 5 for requirements.
Accounting, Office I
ACNTC 2100106 24 Contact Hours $336
This course focuses on analyzing, classifying and recording business transactions. Emphasis is placed on understanding the complete accounting cycle and preparing financial statements, bank reconciliations and payroll.

LSC-CyFair
2668 ACNTC 2100106 5001 TTh 9/5-9/21 6 pm-10 pm

LSC-Kingwood
6717 ACNTC 2100106 2001 T 6/15-7/27
6718 ACNTC 2100106 2002 Su 7/15-8/26
6719 ACNTC 2100106 2003 Su 8/15-9/26
8367 ACNTC 2100106 2001 F 9/15-10/27
8368 ACNTC 2100106 2002 Su 10/15-11/26
8369 ACNTC 2100106 2003 W 11/15-12/27
8370 ACNTC 2100106 2004 F 12/15-1/26

Classes start on the 15th of each month and are six weeks in duration. Student must have access to the Internet, an email account, and courseware. Scan and email the completed registration form to LSCKCE@Lonestar.edu or fax it to 281.312.1612. Call 281.312.1660 for more information. Instruction Type: Online

LSC-Montgomery
2316 ACNTC 2100106 4001 TTh 10/10-10/26 6 pm-10 pm E 203

LSC-North Harris
1944 ACNTC 2100106 1001 MWF 8/28-9/18 9 am-1 pm
2002 ACNTC 2100106 1001 MWF 8/28-9/18 6 pm-10 pm

LSC-CyFair
2775 ACNTC 2100106 5001 MW 6/147/10 6 pm-10 pm
2671 ACNTC 2100106 5001 TTh 9/26-10/12 6 pm-10 pm

LSC-Kingwood
6714 ACNTC 2104201 2001 T 6/15-7/27
6715 ACNTC 2104201 2002 Su 7/15-8/26
6716 ACNTC 2104201 2003 Su 8/15-9/26
8280 ACNTC 2104201 2001 F 9/15-10/27
8281 ACNTC 2104201 2002 Su 10/15-11/26
8282 ACNTC 2104201 2003 W 11/15-12/27
8283 ACNTC 2104201 2004 F 12/15-1/26

Classes start on the 15th of each month and are six weeks in duration. Student must have access to the Internet, an email account, and courseware. Scan and email the completed registration form to LSCKCE@Lonestar.edu or fax it to 281.312.1612. Call 281.312.1660 for more information. Instruction Type: Online

LSC-Montgomery
1277 ACNTC 2104201 4001 TTh 6/26-7/18 6 pm-10 pm E 203

LSC-North Harris
1120 ACNTC 2104201 1001 TTh 6/134/29 6 pm-10 pm DTEC 102
2485 ACNTC 2104201 1001 TTh 9/129/28 6 pm-10 pm DTEC 102

Accounting and Business Ethics
ACNTC 2104001 48 Contact Hours $249
Ethical standards and behaviors, codes of professional conduct, and the impact of unethical behavior on an individual, business, and society. We will discuss the fundamental ethical issues of business and society, the roles and responsibilities of accounting and auditing professionals, ethical behavior by management, and legal and professional guidelines that address the ethical concerns of society. This course meets the qualifying educational credit required for the CPA examination and is part of the Accounting Advanced Technical Certificate (ATC). Department Approval. This course is linked to ACNT 1340.

LSC-Creekside Center
9895 ACNTC 2104001 KE01 8/28-10/22
This is an 8-week course. Access your online course at www.lonestar.edu/lsc-online. This course is for CPA students only. This course qualifies for educational credit required for the Texas CPA exam. Students who are already approved for the CPA program contact Rita.F.Ray@lonestar.edu for registration. Students seeking approval for admission to the CPA program contact Karen.N.Russom@lonestar.edu. All exams must be proctored by an approved testing center. Instruction Type: Online

Accounting I, Introduction
ACNTC 2100301 80 Contact Hours $249
A study of analyzing, classifying, and recording business transactions in a manual and computerized environment. Emphasis on understanding the complete accounting cycle and preparing financial statements, bank reconciliations, and payroll. This course is linked to ACNT 1303. Prerequisites: ENGL 0304 or ENGL 0339 and ENGL 0306 or ENGL 0355 or placement of testing, MATH 0306.

LSC-CyFair
2106 ACNTC 2104201 3001 MWF 6/26-7/17 6 pm-10 pm E 182
6073 ACNTC 2104201 3001 MWF 9/20-10/9 9 am-1 pm E 182
6075 ACNTC 2104201 3002 MWF 9/20-10/9 6 pm-10 pm E 182

LSC-Tomball
2106 ACNTC 2104201 3001 MWF 6/26-7/17 6 pm-10 pm E 182
6073 ACNTC 2104201 3001 MWF 9/20-10/9 9 am-1 pm E 182
6075 ACNTC 2104201 3002 MWF 9/20-10/9 6 pm-10 pm E 182

LSC-University Park
12305 ACNTC 2104201 6001 TTh 10/5-10/24 6 pm-10 pm

Accounting and Business Ethics
ACNTC 2104001 48 Contact Hours $249
Ethical standards and behaviors, codes of professional conduct, and the impact of unethical behavior on an individual, business, and society. We will discuss the fundamental ethical issues of business and society, the roles and responsibilities of accounting and auditing professionals, ethical behavior by management, and legal and professional guidelines that address the ethical concerns of society. This course meets the qualifying educational credit required for the CPA examination and is part of the Accounting Advanced Technical Certificate (ATC). Department Approval. This course is linked to ACNT 1340.

LSC-Creekside Center
9895 ACNTC 2104001 KE01 8/28-10/22
This is an 8-week course. Access your online course at www.lonestar.edu/lsc-online. This course is for CPA students only. This course qualifies for educational credit required for the Texas CPA exam. Students who are already approved for the CPA program contact Rita.F.Ray@lonestar.edu for registration. Students seeking approval for admission to the CPA program contact Karen.N.Russom@lonestar.edu. All exams must be proctored by an approved testing center. Instruction Type: Online

Accounting I, Introduction
ACNTC 2100301 80 Contact Hours $249
A study of analyzing, classifying, and recording business transactions in a manual and computerized environment. Emphasis on understanding the complete accounting cycle and preparing financial statements, bank reconciliations, and payroll. This course is linked to ACNT 1303. Prerequisites: ENGL 0304 or ENGL 0339 and ENGL 0306 or ENGL 0355 or placement of testing, MATH 0306.

LSC-North Harris
3975 ACNTC 2100301 1003 7/13-8/20
Department consent required. Contact the CTE office at a LSC campus to register. Internet access and minimum computer skills required. Instruction Type: Online

Advanced Technical Certificate Professional Accountancy
Are you interested in becoming a Certified Public Accountant (CPA)? LSC offers an Advanced Technical Certificate in Professional Accountancy. To learn more check out LoneStar.edu/Accounting-CPA
Accounting, Government and Not-for-Profit

ACNTC 2203001 48 Contact Hours $249
Basic concepts and techniques of fund accounting, financial reporting for governmental and not-for-profit entities. Accounting cycle for funds and account groups and related financial statements. Must have high school diploma, successful completion of GED or be in the early admissions program. This course is linked to ACNT 2303. Prerequisite: ACCT 2402 (or principles of Accounting II Comp), ENGL 0305 or ENGL 0316 and ENGL 0307 OR 0326 OR higher level course (ENGL 1301) or placement of testing, MATH0306.

LSC-Creekside Center
6577 ACNTC 2203001 K001 TTh 7/138/20 6 pm-9:45 pm CS 138
This is a 2nd 6 week course. This course qualifies for educational credit required for the Texas CPA exam. Students who are already approved for the CPA program contact Rita.F.Ray@Lonestar.edu for registration. Students seeking approval for admission to the CPA program contact Karen.N.Russom@lonestar.edu. All exams must be proctored. This course is for CPA students only.

Business Law

BUSIC 3200501 48 Contact Hours $249
The course provides the student with foundational information about the U.S. legal system and dispute resolution, and their impact on business. The major content areas will include general principles of law, the relationship of business and the U.S. Constitution, state and federal legal systems, the relationship between law and ethics, contracts, sales, torts, agency law, intellectual property, and business law in the global context. This course is linked to BUSI 2301. Prerequisite: College Level Readiness in Reading AND Writing.

LSC-North Harris
15738 BUSIC 3200501 1001 TTh 8/28/12 17 11 am-12:25 pm
Department consent required. Contact the CTE office at a LSC campus to register.

Business Principles

BUSIC 3100101 48 Contact Hours $249
This course provides a survey of economic systems, forms of business ownership, and considerations for running a business. Students will learn various aspects of business, management, and leadership functions; organizational considerations; and decision-making processes. Financial topics are introduced, including accounting, money and banking, and securities markets. Also included are discussions of business challenges in the legal and regulatory environment, business ethics, social responsibility, and international business. Emphasized is the dynamic role of business in everyday life. This course is linked to BUSI 1301.

LSC-Creekside Center
9967 BUSIC 3100101 KH01 F 8/28/12 17 12:30 pm-1:50 pm
This hybrid course is located at Creekside and meets on Friday only. The remainder of the coursework is online.

9948 BUSIC 3100101 KT02 TTh 10/23/17 10 am-2:20 pm
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Fairbanks Center
9106 BUSIC 3100101 F001 8/28/12 17
Online class. Access your online course at www.lonestar.edu/lsc-online.

Communication Skills for Managers

BMGT 1101900 8 Contact Hours $128
Basic theory of communication skills as appropriate and applicable to individuals or groups in the business environment. Includes listening, speaking, writing, and communicating non-verbally.

LSC-Montgomery
1355 BMGT 1101900 4002 MSu 6/24/17 6/24/17 6 pm-10 pm
Department consent required. Contact the CTE office at a LSC campus to register. Instruction Type: Online

6998 BMGT 1101900 4003 MW 7/31/18 6 pm-10 pm
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-University Park
4973 BMGT 1101900 6200 MSu 10/16/10 12/10
Please contact instructor by email before start date of course at Janet.L.Taber@lonestar.edu Instruction Type: Online

4975 BMGT 1101900 6200 MSu 12/4/12/10
Please contact instructor by email before start date of course at Janet.L.Taber@lonestar.edu Instruction Type: Online

Cost Accounting

ACNTC 2200901 48 Contact Hours $249
A study of auditing and cost control systems including a detailed study of manufacturing cost accounts and reports, job order costing, and process costing. Includes introduction to alternative costing methods such as activity-based and just-in-time costing. Variance analysis, standard costs, joints and by-products costing will also be discussed. This course is linked to ACNT 2309. Prerequisite: ACCT 2402, ENGL 0305 or ENGL 0316 and ENGL 0307 OR 0326 OR higher level course (ENGL 1301) or placement of testing, MATH0306.

LSC-Creekside Center
6576 ACNTC 2200901 K001 TTh 7/138/20 6 pm-9:45 pm CS 138
This is a 2nd 6-week course. This course qualifies for educational credit required for the Texas CPA exam. Students who are already approved for the CPA program contact Rita.F.Ray@Lonestar.edu for registration. Students seeking approval for admission to the CPA program contact Karen.N.Russom@lonestar.edu. All exams must be proctored. This course is for CPA students only.

Employee Performance Review

BMGT 1101100 8 Contact Hours $128
A course to provide organizational leaders with methods to conduct discussions on workplace performance. Topics include identifying performance situations which require action and preparing for a collaboration performance review.

LSC-Montgomery
1351 BMGT 1101100 4001 MSu 6/19/4/25
Department consent required. Contact the CTE office at a LSC campus to register. Instruction Type: Online

1357 BMGT 1101100 4002 MSu 8/7/8/13
Department consent required. Contact the CTE office at a LSC campus to register. Instruction Type: Online

6993 BMGT 1101100 4003 MW 8/14/16 8 pm-10 pm
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-University Park
4964 BMGT 1101100 6001 MSu 9/25/10/1
Please contact instructor by email before start date of course at Janet.L.Taber@lonestar.edu Instruction Type: Online

4965 BMGT 1101100 6002 MSu 11/6/11/12
Please contact instructor by email before start date of course at Janet.L.Taber@lonestar.edu Instruction Type: Online

Summer & Fall 2017 Non-Credit Course Catalog and Schedule
Excel I

ITSWC 2102224 16 Contact Hours $232
Instruction in terminology, program parameters, display characteristics, formatting features, mathematical functions, and printing. Create and modify workbooks, format worksheets, create and apply ranges, and create and print reports. Additional topics include using formulas, creating and modifying lines and objects. Prerequisite: Windows or equivalent knowledge.

LSC-CyFair
1974 ITSWC 2102224 5001 TTh 7/25-8/3 6 pm-10 pm
3532 ITSWC 2102224 5001 Su 10/14-10/21 8 am-5 pm

LSC-Kingwood
6591 ITSWC 2102224 2001 Th 6/15-7/15
6692 ITSWC 2102224 2002 Su 7/15-8/15
6693 ITSWC 2102224 2003 Su 8/15-9/15
8054 ITSWC 2102224 2001 F 9/15-10/15
8055 ITSWC 2102224 2002 W 10/15-11/15
8056 ITSWC 2102224 2003 W 11/15-12/15
8057 ITSWC 2102224 2004 F 12/15-1/15

Classes start on the 15th of each month and are four weeks in duration. Student must have access to the Internet, an email account, and the current version of the software being studied. An electronic textbook and other course materials are supplied through an online site operated by the textbook publisher and are required. An additional fee is payable to the publisher for access to these materials. Scan and e-mail the completed registration form to LSCKCE@LoneStar.edu or fax completed registration form to 281.312.1612. Call 281.312.1660 for more information. Instruction Type: Online

Excel II

ITSWC 2104606 16 Contact Hours $232
Instruction in moving and copying, cell contents; sorting; mathematical, statistical, and financial functions; date and time arithmetic; report generation; and built-in graphics support; data and time arithmetic; report generation; and built-in graphics support. Create formulas to generate mathematical functions; create charts and produce reports. Prerequisite: Excel I.

LSC-CyFair
1975 ITSWC 2104606 5001 TTh 8/8-8/17 6 pm-10 pm
3533 ITSWC 2104606 5001 Su 10/28-11/4 8 am-5 pm

Frontline Supervision

BMGTC 1101004 16 Contact Hours $999
Supervisory tasks, leadership and motivational skills, communication processes, organizational design, and effective solution strategies. Frontline Supervision is designed for new, potential, and current supervisors.

LSC-University Park
4997 BMGTC 1101004 6001 F 9/22-9/29 8:30 am-12:30 pm UPENM 144
4998 BMGTC 1101004 6002 F 10/20-10/27 8:30 am-12:30 pm UPENM 144
4999 BMGTC 1101004 6003 F 12/1-12/8 8:30 am-12:30 pm UPENM 144

LSC-Kingwood
6646 ITSWC 2104606 2001 Th 6/15-7/15
6647 ITSWC 2104606 2002 Su 7/15-8/15
6648 ITSWC 2104606 2003 T 8/15-9/15
7996 ITSWC 2104606 2001 F 9/15-10/15
7997 ITSWC 2104606 2002 Su 10/15-11/15
7998 ITSWC 2104606 2003 W 11/15-12/15
7999 ITSWC 2104606 2004 F 12/15-1/15

Classes start on the 15th of each month and are four weeks in duration. Student must have access to the Internet, an email account, and the current version of the software being studied. An electronic textbook and other course materials are supplied through an online site operated by the textbook publisher and are required. An additional fee is payable to the publisher for access to these materials. Scan and e-mail the completed registration form to LSCKCE@LoneStar.edu or fax completed registration form to 281.312.1612. Call 281.312.1660 for more information. Instruction Type: Online

Federal Income Tax, Individual

ACNTC 2103101 48 Contact Hours $249
A study of the laws currently implemented by the Internal Revenue Service, providing a working knowledge of preparing taxes for the individual. Emphasis is placed on the determination of income, statutory deductions and federal income tax liability for individuals and sole proprietorships. This course is linked to ACNT 1331.

LSC-North Harris
1126 ITSWC 2104606 1001 Th 7/20-8/17 6 pm-10 pm DTEC 102
2487 ITSWC 2104606 1001 MW 10/16-10/25 6 pm-10 pm DTEC 102

LSC-Tomball
2110 ITSWC 2104606 3001 Th 6/20-7/27 6 pm-10 pm E 160
6581 ITSWC 2104606 3001 Th 10/31-11/9 9 am-1 pm E 160
6587 ITSWC 2104606 3003 Th 10/31-11/9 6 pm-10 pm
6584 ITSWC 2104606 3002 M-Th 11/27-12/11 9 am-1 pm

LSC-University Park
12312 ITSWC 2104606 6001 Th 11/13-12/17 6 pm-10 pm

Register for classes online at LoneStar.edu/CTE | Questions? Email LSCCE@LoneStar.edu
Lean Six Sigma Black Belt Certification
BMGT 1109150 62 Contact Hours $3326
Topics address recently identified current events, skills, knowledge, and/or attitudes and behaviors pertinent to the technology or occupation and relevant to the professional development of the student. Course was designed to be repeated multiple times to improve student proficiency. This course is designed to take Green Belts to the Black Belt level; this certification requires completing a capstone project, which gives you the opportunity to apply the knowledge and skills acquired to specific problems. As a Black Belt or Project Lead, you will master the skills necessary to lead a complex process improvement project that produces bottom line results. Format: Workshop/Online.

LSC-University Park
6153 BMGT 1109150 6001 TTh 10/17-12/7 6:30 pm-9:30 pm Instruction Type: Online

Legal Issues for Supervisors
BMGT 1109502 8 Contact Hours $128
Topics address recently identified current events, skills, knowledge, and/or attitudes and behaviors pertinent to the technology or occupation and relevant to the professional development of the student. This course was designed to be repeated multiple times to improve student proficiency. Prepares supervisors to handle basic human resource functions in a way that will assure the best possible result. Emphasizes employee rights and the legal aspects of supervision.

LSC-Montgomery
1356 BMGT 1109502 4002 MSu 7/31-8/6
Department consent required. Contact the CTE office at a LSC campus to register. Instruction Type: Online

Payroll Accounting I
ACNTC 2101511 24 Contact Hours $336
Focus on payroll and associated records, including time and record keeping, actual payroll, and quarterly and annual reports.

LSC-CyFair
1797 ACNTC 2101511 5001 TTh 7/25-8/10 6 pm-10 pm
2481 ACNTC 2101511 5001 MW 10/30-11/15 6 pm-10 pm

LSC-University Park
2101511 6001 TTh 10/31-11/16 6 pm-10 pm
Payroll Accounting II  
ACNTC  2109112  24 Contact Hours  $336  
Continuation of Payroll Accounting I. Focus on payroll and associated records, including time and record keeping, actual payroll, and quarterly and annual reports.

LSC-CyFair  
1798 ACNTC  2109112  5001  TTh  8/15/21-31  6 pm-10 pm
2683 ACNTC  2109112  5001  MW  11/27/21-12/13  6 pm-10 pm

LSC-Montgomery  
2315 ACNTC  2109112  4001  MSu  10/30-11/12  
Department consent required. Contact the CTE office at a LSC campus to register.

Instruction Type: Online

LSC-North Harris  
1124 ACNTC  2109112  1001  MW  7/19-8/7  6 pm-10 pm  DTEC 102
2494 ACNTC  2109112  1001  MW  10/2-10/18  6 pm-10 pm  DTEC 102

LSC-Tomball  
6082 ACNTC  2109112  3001  MW  12/4-12/20  9 am-1 pm  E 182
6083 ACNTC  2109112  3002  MW  12/4-12/13  6 pm-10 pm  E 182

LSC-University Park  
12301 ACNTC  2109112  6001  MW  11/27-12/14  6 pm-10 pm

PayTrain Fundamentals  
ACNTC  2109108  30 Contact Hours  $339  
The PayTrain Fundamentals course teaches the fundamental payroll calculations and applications providing students with the basic knowledge and skills required to maintain payroll compliance and prevent costly penalties. This course is ideal for new payroll professionals, those who support the payroll industry, those who are preparing for the FPC Certification from the American Payroll Association, and those who wish to take the Mastery course. Enrollees receive live classroom instruction and access to interactive online quizzes, games, and application exercises to reinforce topics learned. Topics include: Payroll concepts, payroll calculations, fringe benefits, payroll reporting and employment taxes, record keeping and payroll practices, payroll accounting, administration. Participants who successfully complete the course can expect to function as entry-level payroll administrators. Required textbook, to be purchased by student, is an additional cost of approximately $450.

LSC-Tomball  
6084 ACNTC  2109108  3001  Sa  9/9-10/7  9 am-3 pm

PayTrain Mastery  
ACNTC  2109107  36 Contact Hours  $402  
PayTrain Mastery is a comprehensive course providing students with a solid understanding of advanced payroll topics necessary for payroll managers and supervisors. This course is ideal for experienced payroll professionals seeking compliance training, professional development, or CPP Certification from the American Payroll Association. Enrollees receive live classroom instruction and access to interactive online games and applications to reinforce topics learned. Please note, the PayTrain Fundamentals course is a pre-requisite. Topics include: Employee vs. Independent Contractor, payroll tax reporting, Fair Labor Standards, federal taxation and other legislation, payroll accounting, record keeping and systems, payroll management and administration. Participants who successfully complete the course can be considered for advancement to supervisory and managerial positions in payroll. Required textbook, to be purchased by student, is an additional cost of approximately $450.

LSC-Tomball  
6085 ACNTC  2109107  3001  Sa  10/21-12/2  9 am-3 pm

Personal Finance  
BUSIC  3100401  48 Contact Hours  $249  
A study of the financial problems which people ordinarily encounter in personal money management. Includes financial planning, budgeting, insurance, buying taxes, use of credit, consumer protection, investing, savings, home ownership, estate planning, and basic statistics as applied to consumer problems. This course is linked to BUSI 1307. Prerequisite: College Level Readiness in Reading AND Writing

LSC-Fairbanks Center  
12233 BUSIC  3100401  F001  8/28-12/17  
Online orientation required Access your online course at www.LoneStar.edu/lsc-online. Instruction Type: Online

LSC-North Harris  
15735 BUSIC  3100401  1001  MW  8/28-12/17  11 am-12:25 pm  
Department consent required. Contact the CTE office at a LSC campus to register.
LSC-Victory Center
15736 BUSC 3100401 V001 MW 8/28/12/17 10:30 am-11:50 am
Department consent required. Contact the CTE office at a LSC campus to register.
15737 BUSC 3100401 V002 Th 8/28/12/17 9 am-10:20 am
Department consent required. Contact the CTE office at a LSC campus to register.

PMP Certification Exam Preparation
BMGXC 5000134 35 Contact Hours $1566
Methods for planning and controlling projects. Includes project management concepts and models, critical path, analysis of time/cost benefits, and resource utilization. If you have work-related experience, this class is for you. We will help you hone your expertise to a razor sharp edge during our comprehensive review of the ten major project management subject areas from the PMBOK® 5th Edition. This course prepares you to take the Project Management Professional (PMP®) exam and satisfies the 35-hour requirement needed to qualify to take the PMP® exam. Structure: Environment: Seminar/Classroom/ Workshop/ Online. Three days of class instruction followed by two days of open practice questions and comprehensive feedback (at your own pace). Includes a new Amazon Kindle, lunch and refreshments.

LSC-Montgomery
2807 BMGXC 5000134 4001 6/12/4/16
Instruction Type: Hybrid, Internet
2807 BMGXC 5000134 4001 MW 6/12/4/14 8 am-5 pm
Instruction Type: Hybrid, Internet

LSC-University Park
2732 BMGXC 5000134 6001 MW 8/7/8/11 8 am-5 pm
Instruction Type: Hybrid, Internet
4976 BMGXC 5000134 6001 MF 9/11/9/15 8 am-5 pm
Instruction Type: Hybrid, Internet
4977 BMGXC 5000134 6002 MF 10/16/10/20 8 am-5 pm
Instruction Type: Hybrid, Internet
4980 BMGXC 5000134 6003 MF 12/4/12/8
Instruction Type: Hybrid, Internet

Principles of Financial Accounting
ACCTC 3200101 80 Contact Hours $328
This course is an introduction to the fundamental concepts of financial accounting as prescribed by U.S. generally accepted accounting principles (GAAP) as applied to transactions and events that affect business organizations. Students will examine the procedures and systems to accumulate, analyze, measure, and record financial transactions. Students will use recorded financial information to prepare a balance sheet, income statement, statement of cash flows, and statement of shareholders’ equity. Results of operations and financial position to users of financial information who are external to the company. Students will study the nature of assets, liabilities, and owners’ equity while learning to use reported financial information for purposes of making decisions about the company. Students will be exposed to International Financial Reporting Standards (IFRS). (5203015104) This course is linked to ACCT 2401.

LSC-Fairbanks Center
12454 ACCTC 3200101 F003 MW 8/28/12/17 6:30 pm-7:55 pm
Online orientation required. Access your online course at www.LoneStar.edu/lsco. Instruction Type: Online
12450 ACCTC 3200101 F001 8/28/12/17
Online orientation required. Access your online course at www.LoneStar.edu/lsco. Instruction Type: Online

LSC-North Harris
15718 ACCTC 3200101 1001 MW 8/28/12/17 9:30 am-10:45 am
Department consent required. Contact the CTE office at a LSC campus to register.
15722 ACCTC 3200101 1105 Th 8/28/12/17 1 pm-2:20 pm
Department consent required. Contact the CTE office at a LSC campus to register.
15720 ACCTC 3200101 1103 Th 8/28/12/17 6 pm-7:20 pm
Department consent required. Contact the CTE office at a LSC campus to register.

Problem Solving and Decision Making
BMGTC 2200301 48 Contact Hours $237
Decision making and problem solving processes in organizations, utilizing logical and creative problem solving techniques. Application of theory is provided by experiential activities such as small group discussions, case studies, and the use of other managerial decision aids. Participants must have a high school diploma, successful completion of the GED, or be in the early admissions program. This course is linked to BMGT 2303.

LSC-Greenspoint Center
4572 BMGTC 2200301 6001 Th 10/13/8/20 6 pm-8 pm
Department consent required. Contact the CTE office at a LSC campus to register. Hybrid section. Internet access and minimum computer skills required.

Quality Control
BMGTC 1102404 16 Contact Hours $232
Principles and elements of total quality management.

QuickBooks I
ACNTC 2101002 16 Contact Hours $232
Set up accounts; record and process basic transactions, journal entries, accounts receivable and payable; and generate fundamental business reports. Additional topics include cost accounting, budget controls, and year-end reporting. Prerequisites: Windows or equivalent knowledge and Office Accounting or equivalent experience.

LSC-CyFair
1579 ACNTC 2101002 5001 Th 6/15/6/27 6 pm-10 pm
1574 ACNTC 2101002 5001 Th 10/17/10/26 6 pm-10 pm

LSC-Kingwood
8378 ACNTC 2101002 2001 W 9/6/10/4 6:30 pm-9:30 pm
CLA 106
Course meets from 6-10PM one session.
6745 ACNTC 2101002 2001 Th 6/15/7/27
6746 ACNTC 2101002 2002 Th 7/15/8/26
6747 ACNTC 2101002 2003 T 8/15/9/26
8753 ACNTC 2101002 2002 F 9/15/10/27
8754 ACNTC 2101002 2003 Su 10/15/11/26
8755 ACNTC 2101002 2004 W 11/15/12/27
8756 ACNTC 2101002 2005 F 12/15/1/26
Classes start on the 15th of each month and are six weeks in duration. Student must have access to the Internet, an email account, and courseware. Scan and e-mail the completed registration form to LSCKCE@LoneStar.edu or fax it to 281.312.1612. Call 281.312.1660 for more information. Instruction Type: Online
**Career & Technical Education**

**Business & Professional Services**

**Supervision, Introduction**
BMGTC 1101000 8 Contact Hours $128
Discussion of basic supervisory tasks, performance skills, common problems encountered, and effective solution strategies.

**LSC-Montgomery**
2312 ACNTC 2101002 4001 TTh 9/5/14 6 pm-10 pm MCE E203
Department consent required. Contact the CTE office at a LSC campus to register.

**LSC-North Harris**
1121 ACNTC 2101002 1001 TTh 7/27/8 6 pm-10 pm DTEC 103

**LSC-Tomball**
2107 ACNTC 2101002 3001 TTh 7/258/3 6 pm-10 pm E 182
6086 ACNTC 2101002 3001 MW 10/11-10/23 9 am-1 pm E 182
6088 ACNTC 2101002 3002 MW 10/11-10/23 6 pm-10 pm E 182

**LSC-University Park**
12317 ACNTC 2101002 6001 TTh 12/4-12/14 6 pm-10 pm

**QuickBooks II**
ACNTC 2105402 16 Contact Hours $232
Enhance your skills using advanced features in accounts receivable, transactions, invoicing, adjustments, and security features. Topics include advanced report verification and reconciliation. Prerequisite: QuickBooks I or equivalent experience.

**LSC-CyFair**
1796 ACNTC 2105402 5001 TTh 7/11-7/20 6 pm-10 pm
2677 ACNTC 2105402 5001 TTh 10/31-11/9 6 pm-10 pm

**LSC-Kingwood**
8375 ACNTC 2105402 2001 W 10/11-11/8 6:30 pm-9:30 pm CLA 106
Class meets from 6-10PM one session.
6742 ACNTC 2105402 2002 Th 6/157/27
6743 ACNTC 2105402 2003 S 7/158/26
6744 ACNTC 2105402 2004 T 8/159/26
8749 ACNTC 2105402 2002 F 9/1510/27
8750 ACNTC 2105402 2003 Su 10/1511/26
8751 ACNTC 2105402 2004 W 11/1512/27
8752 ACNTC 2105402 2005 F 12/151/26
Classes start on the 15th of each month and are six weeks in duration. Student must have access to the Internet, an email account, and courseware. Scan and email the completed registration form to LSCKCE@LoneStar.edu or fax it to 281.312.1660 for more information. Instruction Type: Online

**LSC-Montgomery**
2313 ACNTC 2105402 4001 TTh 9/199/28 6 pm-10 pm MCE E203
Department consent required. Contact the CTE office at a LSC campus to register.

**LSC-North Harris**
1122 ACNTC 2105402 1001 TTh 8/109/22 6 pm-10 pm DTEC 103
2489 ACNTC 2105402 1001 TTh 11/28-12/14 6 pm-10 pm DTEC 102

**LSC-Tomball**
2108 ACNTC 2105402 3001 TTh 8/88/17 6 pm-10 pm E 182
6089 ACNTC 2105402 3001 MW 10/25-11/6 9 am-1 pm E 182
6090 ACNTC 2105402 3002 MW 10/25-11/6 6 pm-10 pm E 182

**Supervision, Introduction**
BMGTC 1101000 8 Contact Hours $128
Discussion of basic supervisory tasks, performance skills, common problems encountered, and effective solution strategies.

**LSC-Montgomery**
1354 BMGTC 1101000 4002 NSu 7/117/23
Department consent required. Contact the CTE office at a LSC campus to register.

**LSC-University Park**
4970 BMGTC 1101000 6001 NSu 10/9/10/15
Please contact instructor by email before start date of course at Janet.L.Taber@lonestar.edu
Instruction Type: Online

4972 BMGTC 1101000 6002 NSu 11/27-12/3
Please contact instructor by email before start date of course at Janet.L.Taber@lonestar.edu
Instruction Type: Online

**Taxation**
ACNTC 2109401 48 Contact Hours $249
Includes understanding of topics in taxation that influence decision making in the areas of compliance, investing, tax planning, and selection of entity formation, liability issues, and considerations for maximizing the amount of income families and individuals may retain. This course meets the qualifying educational credit required for the CPA examination. This course is linked to ACNT 1393.
Prerequisite: ACNT 1331, ENGL 0305 AND ENGL 0307 or 0356, OR higher level course (ENGL 1301), OR placement by testing.

**LSC-Creekside Center**
9896 ACNTC 2109401 KN01 M 8/28-12/17 7 pm-9:50 pm
This course qualifies for educational credit required for the Texas CPA exam.
Students who are already approved for the CPA program contact Rita.F.Ray@lonestar.edu for registration. Students seeking approval for admission to the CPA program contact Karen.N.Russom@lonestar.edu. All exams must be proctored.
This course is for CPA students only.

**Time Management**
BUSGC 1101201 8 Contact Hours $0
Develop entry-level skills for the workforce. Includes professionalism, interpersonal skills, communication, workplace civility, and employability skills. Focus will be on more effective use of time through awareness and organization. Special emphasis will be placed on recognizing what really needs to be done and when.

**LSC-University Park**
6425 BUSGC 1101201 6002 TW 7/18-7/19 8 am-5 pm UPEMI 214
1 hour lunch included.
3906 BUSGC 1101201 6101 TW 8/29-8/30 8 am-4 pm UPEMI 112
30 minute lunch included.
6366 BUSGC 1101201 6003 TW 11/27-11/28 8 am-4 pm UPEMI 112
30 minute lunch included.
5070 BUSGC 1101201 6001 TW 12/5-12/6 8 am-5 pm UPEMI 214
1 hour lunch included.

**Team Building in the Workplace**
BMGTC 1101907 8 Contact Hours $128
Basic principles of building and sustaining teams in organizations. Includes team dynamics, process improvement, trust and collaboration, and the role of the individual in the team.

**LSC-Kingwood**
1187 BMGTC 1101907 2001 TTh 7/5-7/26 7 pm-9 pm

**Register for classes online at LoneStar.edu/CTE | Questions? Email LSCCE@LoneStar.edu**
Components of Special Education
ATCPC 7000027  48 Contact Hours  $528
An introduction to Special Education, emphasizing proven practices, making accommodations and delivery of individualized instruction tailored to the specific needs of individual students with disabilities. Students will also develop awareness, sensitivity, knowledge, skills and competence necessary to become a special educator. This course is required to meet the 300+ hours of coursework and training to be in compliance with the Texas Education Agency to be recommended for a Standard Certification.

LSC-CyFair
4910 ATCPC 7000027 5001 M 8/28/11/17
Instruction Type: Online

LSC-North Harris
1406 ATCPC 7000027 1001 M 6/12/8/7
Instruction Type: Online
5744 ATCPC 7000027 1001 M 9/18/12/15
Instruction Type: Online

Creating Successful Classrooms
ATCPC 7000081  48 Contact Hours  $528
This course will address components of successful classroom management and effective instructional methods. Students will learn strategies to create an effective and positive learning environment for all students. This course is required to meet the 300+ hours of coursework and training to be in compliance with the Texas Education Agency to be recommended for a Standard Certification.

LSC-North Harris
1407 ATCPC 7000081 1001 M 6/12/8/7
Instruction Type: Online
5753 ATCPC 7000081 1001 M 9/11/12/11
Instruction Type: Online

Generalist Teacher Preparation
ATCPC 7000086  48 Contact Hours  $528
The Generalist course prepares individuals to teach in early childhood through grade 8 classrooms in Texas. The course addresses the standards and competencies needed to pass the TExES EC-6 and/or 4-8 Generalist examinations, and provides students with the knowledge and skills associated with elementary curricular content and appropriate learning and assessment practices. This course is required to meet the 300+ hours of coursework and training to be in compliance with the Texas Education Agency to be recommended for a Standard Certification.

LSC-CyFair
4918 ATCPC 7000086 5001 M 9/11/12/11
Instruction Type: Online

LSC-Greenspoint Center
1408 ATCPC 7000086 1001 M 6/12/8/7 6 pm-9 pm
Instruction Type: Hybrid, Internet

LSC-North Harris
5758 ATCPC 7000086 1001 Th 9/7/12/7 6 pm-9 pm
Instruction Type: Hybrid, Internet
**Integrating Technology**  
ATCPC  7009301  12 Contact Hours  $132  
Students will learn to use technology to design effective instruction and to analyze data to evaluate and improve instruction.  

**LSC-Kingwood**  
1412  ATCPC  7009301  2001  M  6/12/26  
7352  ATCPC  7009301  2001  Su  9/23  8:30 am-4 pm  
Instruction Type: Hybrid, Internet  
756  ATCPC  7009301  2002  Su  11/4  8:30 am-4 pm  
Instruction Type: Hybrid, Internet  

**Pedagogy and Professional Responsibilities (PPR)**  
ATCPC  7000062  108 Contact Hours  $913  
Students will learn to design developmentally appropriate classroom instruction and assessment; create a positive, productive learning environment; manage a classroom in a way that encourages cooperation and self-discipline; and apply technology applications as part of the instructional process. This course requires 30 hours of external field-based experience in K-12 schools. This course is required to meet the 300+ hours of coursework and training to be in compliance with the Texas Education Agency to be recommended for a Standard Certification.  

**Substitute Teacher Training**  
EDTCC  2100201  12 Contact Hours  $132  
An exploration of the role of the substitute, identification of student needs, behavior modification and classroom management, teaching methodologies, school personnel relationships, mandated state standards, and growth and development of students. NOTE: Before registering for this class, please check with your local school district to find out the requirements for working as a substitute teacher in that district. Some districts require a minimum number of college credit hours. This course may be used to complete the Substitute Teaching Certification along with taking the Tools for Teaching class. Book required.  

**TCP Internship Extension**  
ATCPC  7000055  48 Contact Hours  $528  
This fee is charged to individuals who have not completed all requirements of their internship and who must extend their internship and the mentoring relationship for one more semester.  

**LSC-Kingwood**  
7099  ATCPC  7000055  2001  M  8/28/12  
Instruction Type: Online  

Questions? Email LSCCE@LoneStar.edu
TCP Internship I
ATCPC 7000065 32 Contact Hours $1020
This course is designed for post-baccalaureate individuals who have been accepted into the Alternative Teacher Certification Program with the Lone Star College System and have been hired as the teacher of record by a school accredited through the Texas Education Agency. The intern will learn the fundamentals of providing feedback to students, as well as understanding instructional strategies that support a well-managed classroom. The intern will learn experimentally in the classroom and will be supported and coached by a supervisor assigned by the college. The course is designed to demonstrate learner-centered instruction regardless of individual differences among students. This course is required to meet the 300+ hours of coursework and training to be in compliance with the Texas Education Agency to be recommended for a Standard Certification.
LSC-CyFair
4916 ATCPC 7000065 5001 M 8/28/12/15
Department consent required. Contact the CTE office at a LSC campus to register.
Instruction Type: Online

TCP Internship II
ATCPC 7000066 32 Contact Hours $1020
This course is designed for post-baccalaureate individuals who have been accepted into the Alternative Teacher Certification Program with the Lone Star College System and have been hired as the teacher of record by a school accredited through the Texas Education Agency. The intern will learn the fundamentals of providing feedback to students, as well as understanding instructional strategies that support a well-managed classroom. The intern will learn experimentally in the classroom and will be supported and coached by a supervisor assigned by the college. The course is designed to demonstrate learner-centered instruction regardless of individual differences among students. This course is required to meet the 300+ hours of coursework and training to be in compliance with the Texas Education Agency to be recommended for a Standard Certification.
LSC-CyFair
4917 ATCPC 7000066 5001 M 8/28/12/15
Department consent required. Contact the CTE office at a LSC campus to register.
Instruction Type: Online

TExES ESL/Bilingual Review Session
ATCPC 7200013 12 Contact Hours $132
Preparation of teachers to test for the supplemental exam in English As a Second Language or Bilingual Supplemental. Teachers will learn competencies required by the State of Texas for the certifications and review for the State TExES exam.
LSC-Montgomery
1389 ATCPC 7200013 4001 M 6/126/13 8:30 am-3:30 pm
Instruction Type: Online
1392 ATCPC 7200013 4002 M 7/16/11 8:30 am-3:30 pm
4903 ATCPC 7200013 4001 S 9/9/10/7 8:30 am-3:30 pm

LSC-North Harris
5765 ATCPC 7200013 1001 Sa 11/4/11/12 8:30 am-3:30 pm

TExES Review: Generalist 4-8
ATCPC 7200021 7 Contact Hours $105.50
The TExES review course is an overview of the standards and competencies needed to pass the TExES examination. The course provides students with preparation training at the appropriate grade and content levels.
LSC-Greenspoint Center
1409 ATCPC 7200021 6001 M 6/12 8:30 am-4 pm
1410 ATCPC 7200021 6002 M 7/17 8:30 am-4 pm
LSC-North Harris
5769 ATCPC 7200021 1001 Sa 10/7 8:30 am-4 pm
5771 ATCPC 7200021 1002 Sa 11/4 8:30 am-4 pm

TExES Review: Generalist EC-6
ATCPC 7200014 7 Contact Hours $105.50
The TExES review course is an overview of the standards and competencies needed to pass the TExES examination. The course provides students with preparation training at the appropriate grade and content levels.
LSC-Kingwood
1414 ATCPC 7200014 2001 M 6/12 8:30 am-4 pm CLA 111
1415 ATCPC 7200014 2002 M 7/10 8:30 am-4 pm CLA 111
7365 ATCPC 7200014 2001 Sa 9/16 8:30 am-4:30 pm CLA 111
7366 ATCPC 7200014 2002 Sa 10/14 8:30 am-4 pm CLA 111

TExES Review: Math
ATCPC 7200016 7 Contact Hours $105.50
The TExES review course is an overview of the standards and competencies needed to pass the TExES examination. The course provides students with preparation training at the appropriate grade and content levels.
LSC-Kingwood
7513 ATCPC 7200016 2001 Sa 9/23 8:30 am-4 pm
7514 ATCPC 7200016 2002 Sa 10/21 8:30 am-4 pm

TExES Review: PPR EC-12
ATCPC 7200018 7 Contact Hours $105.50
The TExES review course is an overview of the standards and competencies needed to pass the TExES examination. The course provides students with preparation training at the appropriate grade and content levels. This course is required to meet the 300+ hours of coursework and training to be in compliance with the Texas Education Agency to be recommended for a Standard Certification.
LSC-Kingwood
1417 ATCPC 7200018 2002 M 8/7 8:30 am-4 pm CLA 111
9502 ATCPC 7200018 2002 Sa 9/16 8:30 am-4 pm CLA 111
7518 ATCPC 7200018 2001 Sa 12/2 8:30 am-4 pm CLA 111

LSC-Montgomery
1399 ATCPC 7200018 4003 W 6/14/6/21
Instruction Type: Online
4905 ATCPC 7200018 4001 W 8/9/16
Instruction Type: Online
4911 ATCPC 7200018 4002 W 9/6/9/13
Instruction Type: Online
**TExES Review: Special Education**

ATCPC 7200019 7 Contact Hours $105.50

The TExES review course is an overview of the standards and competencies needed to pass the TExES examination. The course provides students with preparation training at the appropriate grade and content levels.

**LSC-Kingwood**

8210 ATCPC 7200019 2001 Sa 10/21 8:30 am-4 pm

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**Tools for Teaching Module**

ATCPC 7200009 14 Contact Hours $150

The Tools for Teaching module will address specific strategies on how to deal with disruptive classroom behavior. The design and strategies in the module were developed by Dr. Fred Jones. The tools presented prepare teachers for designing their classroom to minimize discipline problems and maximize instruction. These tools will help promote confidence and effective teaching. This course may be used to complete the Substitute Teaching Certification alone with taking the Substitute Teacher Training.

**LSC-Fairbanks Center**

1424 ATCPC 7200009 F001 M-W 7/17/19 8:30 am-2:30 pm FAIR 108
6982 ATCPC 7200009 F002 T 8/15/9 6 pm-9:30 pm

**LSC-Kingwood**

1413 ATCPC 7200009 2001 M-W 8/148/16 8:30 am-2:30 pm CLA 111
7361 ATCPC 7200009 2001 M 10/2-10/23 6 pm-9:30 pm CLA 111

**LSC-North Harris**

5763 ATCPC 7200009 1001 M-W 11/6-11/8 8:30 am-2:30 pm

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**Child Development Associate**

CDECC 2101602 120 Contact Hours $703

Provides a variety of experiences that can build the practical skills needed to successfully become a Child Development Associate. Based on the eight-module curriculum developed by the Council for Early Childhood Professional Recognition. A study of the principles of normal child growth and development from conception to adolescence focusing on physical, cognitive, social, and emotional domains of development will be taught. Participants must complete 120 hours of formal child care education in eight subject areas mandated by the Council in one semester. The additionally required 480 hours (12 weeks) of experience in a licensed day care facility with observation labs can be completed during the semester or within a five year period. An additional $325 application fee must be paid to the Council for Early Childhood Professional Recognition when submitting an application to take the final assessment from them. TPEG funds available.

**LSC-Kingwood**

7525 CDECC 2101602 2001 T 9/5-12/12 6 pm-8:30 pm

Instruction Type: Hybrid, Computer

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**Hospitality**

**Basic Design Techniques**

FMKTC 2109113 20 Contact Hours $324

This is a hands-on class in which participants work on basic floral arrangements. The class includes the basic fundamentals of design construction such as the proper positioning of skeletal flowers and filler; cutting and wiring stems; and various mechanical aids. The advanced florist will find this class to be a very profitable review of design methods. Flowers, containers and basic supplies should be furnished. Students should bring their own tools and a bucket to store flowers.

**LSC-Tomball**

6077 FMKTC 2109113 3001 Th 10/3-10/17 9 am-1 pm

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**Daily Business Procedures**

FMKTC 2109120 12 Contact Hours $151

It is essential to keep careful records of all transactions, including: the purchase of assets, the incurring of debts, the owner’s contributions of capital assets, revenue and expenses. This course is designed to develop a simple system of record keeping which will enable a firm’s management to record the financial transactions, which occur in a typical retail florist business, and then to translate these transactions into a format, a balance sheet and an income statement. The accounting system, including both the recording function and the translation of the data into financial statements, will help to provide answers to critical questions relevant to the firm. This is a course in the Professional Certified Florist Certificate.

**LSC-Tomball**

6400 FMKTC 2109120 3001 Th 11/28-12/5 9 am-1 pm $344

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**Funeral Design Techniques**

FMKTC 2109116 20 Contact Hours $150

Funeral work is a large portion of most florist shops. This hands-on class stresses basic concepts of design for funeral bouquets, wreaths, and casket sprays. The student will learn how to use color to the best advantage and how to decide what flowers to combine for different effects. Interesting ways to use foliage, twigs, mosses and other accessory materials will be presented along with different uses of ribbons. Topics of discussion will also include the best use of sympathy cards and how to develop a good working relationship with your funeral directors. Flowers, containers, and basic supplies should be provided. The students should bring their own tools and a bucket to store flowers. This is a course in the Certified Floral Designer Program.

**LSC-Tomball**

6402 FMKTC 2109116 3001 Th 11/7-11/21 9 am-1 pm $178

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For more information, please visit LoneStar.edu/CTE. Register for classes online at LoneStar.edu/CTE. Questions? Email LSCCE@LoneStar.edu.
Principles of Floral Design
FMKTC 2109111  8 Contact Hours  $122
Flower arrangements can become works of creative art and be profitable too! The guidelines to achieve success are defined in this course. They are known as the Principles of Design: composition, harmony, focal point, balance, proportion, line, rhythm, texture, and color. Each is defined, discussed and illustrated with a number of different flower arrangements. This is a course in the Certified Floral Designer Program.
LSC-Tomball
6404  FMKTC 2109111  3001  TTh  9/5-9/14  9 am-1 pm  E 178

Wedding Design Techniques
FMKTC 2109115  20 Contact Hours  $344
Weddings often constitute a large portion of a florist's business. This hands-on class will focus on traditional wedding designs. The course covers steps in creating the bridal bouquet, including round, crescent, cascade, and triangle. Corsage construction, hair pieces, and other accessories will be discussed. Flowers, containers and basic supplies will be furnished. The students should bring their own tools and a bucket to store flowers. This is a course in the Certified Floral Designer Program.
LSC-Tomball
6410  FMKTC 2109115  3001  TTh  10/19-11/2  9 am-1 pm  E 178

Floral Design Program Orientation
FMKXC 7300001  1 Contact Hours  $0
Begin a career in the floral industry. This orientation session will describe the Professional Floral Design Program in detail. You will discover all the exciting opportunities offered. This program is in partnership with the Texas State Florists Association and is exclusively offered at the Tomball campus.
LSC-Tomball
6413  FMKXC 7300001  3001  Th  8/24  7 pm-8 pm  E 178

Care and Handling of Cut Flowers and Foliage
FMKTC 2109112  8 Contact Hours  $147
This course discusses the factors that affect the quality of cut flowers and foliage, including production, moisture balance, nutrient balance, light, temperature, humidity, ethylene, and bacteria. Recommendations are also made that pertain to receiving, unpacking and processing the flowers. Methods of conditioning, hardening, and forcing flowers and use of preservatives are illustrated. Special attention is given to the proper care of roses. This is a course in the Certified Floral Designer Program.
LSC-Tomball
6078  FMKTC 2109112  3001  TTh  9/19-9/28  9 am-1 pm  E 178
Computer/Digital Technology & Visual Communication

LSC-CYFAIR
9191 Barker Cypress Road
Cypress, TX 77433-1383
CASA Building, Room 116
CE: 281.290.3460

LSC-KINGWOOD
20000 Kingwood Drive
Kingwood, TX 77339-3801
CLA Building, Room 107
CE: 281.312.1660

LSC-MONTGOMERY
3200 College Park Drive
Conroe, TX 77384-4500
Building E, Room 205
CE: 936.273.7446

LSC-NORTH HARRIS
2700 W.W. Thorne Drive
Houston, TX 77073-3499
Comm Ed Building, Room 102
CE: 281.618.5602

LSC-TOMBALL
30555 Tomball Parkway
Tomball, TX 77375-4096
Building E, Room 166
CE: 281.357.3676

LSC-UNIVERSITY PARK
20515 State Highway 249 (at Louetta)
Houston, TX 77070-2607
Building 13, 3rd Floor, Room 303
CE: 281.290.2601
Programs

Engineering Design Technology

**AutoCAD Draftsman**  
96 hours, $1,320  
- AutoCAD, Introduction 32 hours, $440  
- AutoCAD, Intermediate 32 hours, $440  
- AutoCAD, Advanced 32 hours, $440

**SolidWorks Designer**  
60 hours, $828  
- Solidworks I 30 hours, $414  
- Solidworks II 30 hours, $414

Networking: Cisco & Microsoft

**CCNA (Cisco Certified Networking Associate)**  
320 hours, $1,008  
- Introduction to Networks 80 hours, $252  
- Routing and Switching Essentials 80 hours, $252  
- Scaling Networks 80 hours, $252  
- Connecting Networks 80 hours, $252

**Web Designer**  
104 hours, $1,448  
- HTML I, Website Development (Introduction) 32 hours, $440  
- Photoshop I for Web 24 hours, $336  
- WordPress I 24 hours, $336  
- Photoshop II for Web 24 hours, $336

**Web Developer**  
168 hours, $2,352  
- HTML I, Web Site Development (Introduction) 32 hours, $440  
- Photoshop I for Web 24 hours, $336  
- WordPress I 24 hours, $336  
- HTML II: Website Development (Advanced) 24 hours, $336  
- WordPress II 32 hours, $440  
- Designing Effective Websites 16 hours, $232  
- SEO: Analytics and Tracking 16 hours, $232

PC Helpdesk

**CompTIA A+ Certification**  
96 hours, $1,283  
See Industry Certification & Exam Prep

CompTIA®

Linked with a credit course. See page 5 for requirements.
Access I
ITSCC 2100103 80 Contact Hours $264
Overview of computer information systems. Introduces computer hardware, software, procedures, and human resources. Examines applications and software relating to a specific curricular area. This course is equivalent to COSC 1301. Linked to ITSC 1301.

LSC-Fairbanks Center
6547 ITSCC 2100103 F003 1/18/20
Online class. Access your online course at www.LoneStar.edu/lsc-online.
12241 ITSCC 2100103 F003 Th 8/28/12/17 8/28/10/22 First 8-week class. Online orientation required. Access your online course at www.LoneStar.edu/lsc-online. Instruction Type: Online
12238 ITSCC 2100103 F001 Th 8/28/10/22
12244 ITSCC 2100103 F005 10/23/12/17 Second 8-week class. Online orientation required. Access your online course at www.LoneStar.edu/lsc-online. Instruction Type: Online

Access II
ITSCC 2100509 16 Contact Hours $232
Instruction in data validation, data manipulation, browsing through records, records selection and query, indexing, and sorting. Prerequisites: Access I or equivalent knowledge.

LSC-Kingwood
6643 ITSCC 2100509 2001 Th 6/15/7/15
6651 ITSCC 2100509 2002 Sa 7/15/8/15
6652 ITSCC 2100509 2003 T 8/15/9/15
7866 ITSCC 2100509 2001 F 9/15/10/15
7867 ITSCC 2100509 2002 Su 10/15/11/15
7868 ITSCC 2100509 2003 W 11/15/12/15
7869 ITSCC 2100509 2004 F 12/15/1/15

Classes start on the 15th of each month and are four weeks in duration. Student must have access to the Internet, an email account, and the current version of the software being studied. An electronic textbook and other course materials are supplied through an online site operated by the textbook publisher and are required. An additional fee is payable to the publisher for access to these materials. Scan and e-mail the completed registration form to LSCKCE@LoneStar.edu or fax completed registration form to 281.312.1612. Call 281.312.1660 for more information Instruction Type: Online

AutoCAD, Introduction
DFTGC 2101401 32 Contact Hours $440
Topics include CAD equipment selection and interface; software selection and installation; creating, editing and plotting of line drawings for architectural, electrical, circuit, mechanical, or interior design; create/modify graphic elements, storing and retrieving predefined components; and adding text and dimensions.

LSC-CyFair
3482 DFTGC 2101401 5001 MSu 8/26/9/30
Instruction Type: Online
3491 DFTGC 2101401 5002 MW 8/28/9/25 6 pm-10 pm
Department consent required. Contact the CTE office at a LSC campus to register.

PARALEGAL STUDIES AAS DEGREE
A Paralegal Studies AAS Degree is an exciting first step to a new career! Degrees and certificates in paralegal studies are available for students wishing to pursue a professional career as a paralegal/legal assistant. Discover your options today at LoneStar.edu/Paralegal-AAS
### LSC-Kingwood

<table>
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Class dismisses one hour early during one session.

Student must have access to the Internet, an email account, and the current version of the software being studied. Scan and e-mail the completed registration form to LSCKCE@LoneStar.edu or fax it to 281.312.1612. Call 281.312.1660 for more information. Instruction Type: Online

### LSC-North Harris

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Department consent required. Contact the CTE office at a LSC campus to register.

### LSC-Montgomery

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Class will dismiss 30 minutes early on last day of course.

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### AutoCAD, Intermediate

DFTGC 1105000

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</tbody>
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Department consent required. Contact the CTE office at a LSC campus to register. Instruction Type: Online

### LSC-CyFair

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
<th>Days</th>
<th>Time</th>
<th>Room</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>1281</td>
<td>DFTGC</td>
<td>4001</td>
<td>MW</td>
<td>7/31-8/23</td>
<td>6 pm-10 pm</td>
</tr>
<tr>
<td>2311</td>
<td>DFTGC</td>
<td>4001</td>
<td>M</td>
<td>11/6-12/4</td>
<td>6 pm-10 pm</td>
</tr>
</tbody>
</table>

Department consent required. Contact the CTE office at a LSC campus to register. Closed 11/22 to 11/26.

### LSC-North Harris

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
<th>Days</th>
<th>Time</th>
<th>Room</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>1129</td>
<td>DFTGC</td>
<td>1001</td>
<td>W</td>
<td>7/24-8/16</td>
<td>6 pm-10 pm</td>
</tr>
<tr>
<td>2497</td>
<td>DFTGC</td>
<td>1001</td>
<td>M</td>
<td>11/13-12/11</td>
<td>6 pm-10 pm</td>
</tr>
</tbody>
</table>

### LSC-University Park

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
<th>Days</th>
<th>Time</th>
<th>Room</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>4563</td>
<td>DFTGC</td>
<td>6001</td>
<td>T</td>
<td>8/18-9/31</td>
<td>6 pm-9:15 pm</td>
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<tr>
<td>4949</td>
<td>DFTGC</td>
<td>6001</td>
<td>T</td>
<td>11/14-12/14</td>
<td>6 pm-9:15 pm</td>
</tr>
</tbody>
</table>

Class will dismiss 30 minutes early on last day of course.

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### CCNA Collaboration II

ITCCC 2207600

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
<th>Days</th>
<th>Time</th>
<th>Room</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>15854</td>
<td>ITCCC</td>
<td>F</td>
<td>8/28-12/3</td>
<td>6 pm-7:30 pm</td>
<td>TECH 121</td>
</tr>
</tbody>
</table>

Please contact Donna.Ivey@Lonestar.edu for more information. This is a 14 week class that meets twice a week. Department consent required. Contact the CTE office at a LSC campus to register.

### LSC-CyFair

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
<th>Days</th>
<th>Time</th>
<th>Room</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>15854</td>
<td>ITCCC</td>
<td>F</td>
<td>8/28-12/3</td>
<td>7:57 pm-9:45 pm</td>
<td>TECH 121</td>
</tr>
</tbody>
</table>

Please contact Donna.Ivey@Lonestar.edu for more information. This is a 14 week class that meets twice a week. Department consent required. Contact the CTE office at a LSC campus to register.

### LSC-North Harris

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
<th>Days</th>
<th>Time</th>
<th>Room</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>1105000</td>
<td>DFTGC</td>
<td>5001</td>
<td>F</td>
<td>8/28-12/3</td>
<td>6 pm-7:30 pm</td>
</tr>
</tbody>
</table>

Please contact Donna.Ivey@Lonestar.edu for more information. This is a 14 week class that meets twice a week. Department consent required. Contact the CTE office at a LSC campus to register.

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### LSC-University Park

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
<th>Days</th>
<th>Time</th>
<th>Room</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>1105000</td>
<td>DFTGC</td>
<td>5001</td>
<td>F</td>
<td>8/28-12/3</td>
<td>6 pm-7:30 pm</td>
</tr>
</tbody>
</table>

Please contact Donna.Ivey@Lonestar.edu for more information. This is a 14 week class that meets twice a week. Department consent required. Contact the CTE office at a LSC campus to register.
CCNA Data Center I
ITCCC 2107101 96 Contact Hours $252
This course covers student’s knowledge of networking concepts for the Data Center environment based on Nexus-OS. Student’s will learn fundamental information on how to configure virtualization in the network, addressing schemes, and troubleshooting and configuration skills. This course is linked to ITCC 1371.

LSC-CyFair
ITCCC 2107101 5001 MW 8/28/12/3 6 pm-7:30 pm TECH 121
Please contact Donna.Ivey@Lonestar.edu for more information. This is a 14 week class that meets twice a week. Department consent required. Contact the CTE office at a LSC campus to register.

CCNA Security
ITCCC 2204100 80 Contact Hours $332
Overall security processes with particular emphasis on hands-on skills in the following areas: security policy design and management; security technologies, products, and solutions; and secure router design, installation, configuration, and maintenance; AAA and VPN implementation using routers and firewalls. This course is linked to ITCC 2441. Prerequisite: Completion of ITCC 1401, ITCC 1404, ITCC 2408, and ITCC 2410 or CCNA Certification.

LSC-CyFair
ITCCC 2204100 5001 MW 8/28/12/3 6 pm-7:30 pm TECH 121
Please contact Donna.Ivey@Lonestar.edu for more information. This is a hybrid class that meets twice a week. Department consent required. Contact the CTE office at a LSC campus to register. Instruction Type: Hybrid, Internet

CCNP Routing-Implementing IP Routing
ITCCC 2205400 96 Contact Hours $296
How to implement, monitor, and maintain routing services in an enterprise network. How to plan, configure, and verify the implementation of complete enterprise LAN and WAN routing solutions using a range of routing protocols in IPv4 and IPv6 environments. Configuration of secure routing solutions to support branch offices and mobile workers. This course is linked to ITCC 2354.

LSC-CyFair
ITCCC 2205400 5001 MW 8/28/12/3 6 pm-7:30 pm TECH 114
Please contact Donna.Ivey@Lonestar.edu for more information. This is a hybrid class that meets twice a week. Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Kingwood
ITCCC 2205400 2001 M 8/28/12/17 6 pm-9:20 pm ADM 201
This is a hybrid CCNP course and will require independent work online and face-to-face class participation. This class will meet every Monday. Students must have successfully completed ITCC 1375, ITCC 1376, ITCC 2378, ITCC 2379 or Cisco CCNA Industry Certification. Access your online course at www.netacad.com. For more information email Lisa.M.Hall@lonestar.edu. Instruction Type: Hybrid, Internet

CCNP-Maintain & Troubleshoot
ITCCC 2205600 96 Contact Hours $252
How to monitor and maintain complex, enterprise and switched IP networks. Skills learned include the planning and execution of regular network maintenance, as well as support and troubleshooting using technology-based processes and best practices based on systematic and industry recognized approaches. This course is linked to ITCC 2356. Prerequisite: College Level Readiness in Reading AND Writing; ITCC 1375, ITCC 1376, ITCC 2378, ITCC 2379, or Cisco CCNA Industry Certification ITCC 2354, ITCC 2355.

LSC-CyFair
ITCCC 2205600 5001 F 8/28/12/3 6 pm-7:30 pm TECH 114
Please contact Donna.Ivey@Lonestar.edu for more information. This is a 14 week class that meets twice a week. Department consent required. Contact the CTE office at a LSC campus to register.

Computer Programming
ITSEC 2100202 80 Contact Hours $264
An introduction to computer programming with emphasis on the fundamentals of structured design, development, testing, implementation, and documentation. Includes language syntax, data and file structures, input/output devices, and files. ITCC 1301 is recommended prior to enrolling. Must have high school diploma, successful completion of GED or be in the early admissions program. This course is linked to ITSE 1302. Prerequisite: ITSEC or COSC 1301 (or Intro to Computer Comp), ENGL 0305, ENGL 0307, MATH 0308.

LSC-Kingwood
ITSEC 2100202 2001 ADM 201
This is a hybrid course and will require independent work online and face-to-face participation. This class meets every Wednesday. Access your online course at www.netacad.com. For more information email Jennifer.L.Marquez@lonestar.edu. Instruction Type: Hybrid, Internet

Computer Illustration
ARTCC 2105301 80 Contact Hours $264
Use of the tools and transformation options of an industry-standard vector drawing program to create complex illustrations. Includes principles of layout and design and manipulation of text and graphics. This course is linked to ARTCC 1353. Prerequisite: College Level Readiness in Reading AND Writing.

LSC-Kingwood
ARTCC 2105301 2001 M 8/28/12/17 1:30 pm-3:50 pm ADM 202

Register for classes online at LoneStar.edu/CTE Questions? Email LSCCE@Lonestar.edu
Configuring Adv Windows Server 2012 Services
ITMTC 2207300 80 Contact Hours $204
This course focuses on advanced configuration of services necessary to deploy, manage and maintain a Windows Server 2012 infrastructure, such as advanced networking services. Active Directory Domain Services (AD DS), Active Directory Rights Management Services (AD RMS), Active Directory Federation Services (AD FS), Network Load Balancing, Failover Clustering, business continuity and disaster recovery services as well as access and information provisioning and protection technologies such as Dynamic Access Control (DAC), and Web Application Proxy integration with AD FS and Workplace Join. This course is linked to ITMT 2373.

LSC-Kingwood
15620 ITMTC 2207300 2001 10/23-12/17
8 week course. Microsoft Certified class. Students must have access to the internet.
Instruction Type: Hybrid, Internet

Connecting Networks
ITCCC 2207902 80 Contact Hours $252
This course discusses the WAN technologies and network services required by converged applications in a complex network. The course enables students to understand the selection criteria of network devices and WAN technologies to meet network requirements. Students learn how to configure and troubleshoot network devices and resolve common issues with data link protocols. Students will also develop the knowledge and skills needed to implement IPSEC and virtual private network (VPN) operations in a complex network. This course is linked to ITCC 2379.

LSC-Creekside Center
10386 ITCCC 2207902 KN01 MW 10/23-12/17 6 pm-7:40 pm CS 113
L0b ITCCC 2207902 KN02 MW 10/23-12/17 8:30 pm-11 pm CS 113
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-CyFair
6639 ITCCC 2207902 5003 TTh 7/13/16-2/20 6 pm-7:45 pm TECH 121
Department consent required. Contact the CTE office at a LSC campus to register.
Please contact Donna.Ivey@lonestar.edu for more information. This class meets every Tuesday and Thursday and requires independent online work. Access your online course at www.netacad.com. Instruction Type: Hybrid, Internet
15862 ITCCC 2207902 5003 TTh 8/28-10/22 10 am-12:30 pm TECH 121
Please contact Donna.Ivey@lonestar.edu for more information. This class meets twice a week. Department consent required. Contact the CTE office at a LSC campus to register.
Instruction Type: Hybrid, Internet
15860 ITCCC 2207902 5001 TTh 10/27-12/3 5:45 pm-8:15 pm TECH 116
Please contact Donna.Ivey@lonestar.edu for more information. This is a hybrid class that meets twice a week. Department consent required. Contact the CTE office at a LSC campus to register.
Instruction Type: Hybrid, Internet
15861 ITCCC 2207902 5003 TTh 10/27-12/3 5:40 pm-8:10 pm TECH 116
Please contact Donna.Ivey@lonestar.edu for more information. This is a hybrid class that meets twice a week. Department consent required. Contact the CTE office at a LSC campus to register.
Instruction Type: Hybrid, Internet

LSC-Kingwood
15340 ITCCC 2207902 2001 TTh 10/23-12/17 5 pm-9:50 pm LIB 226
Third of four Cisco CCNA classes. This is an 8-week course.

Design Communications I
ARTCC 2101701 96 Contact Hours $264
Study of design development relating to graphic design terminology, tools and media, and layout and design concepts. Topics include integration of type, images and other design elements, and developing computer skills in industry standard computer programs. This course is linked to ARTC 1317. Prerequisite: ENGL 0305 or ENGL 0316 AND ENGL 0326 or 0356, or higher level course (ENGL 1301), or placement by testing.

LSC-Kingwood
15197 ARTCC 2101701 2003 F 8/28-12/17 9 am-1:20 pm ADM 204A

Designing Effective Websites
ARTCC 2100000 16 Contact Hours $232
Computer application and knowledge necessary to perform specific operations in a particular occupational setting. Varied design techniques to create a responsive website with inclusion of mobile platforms and delivery techniques.

LSC-Montgomery
1361 ARTCC 2100000 4001 T 7/25-8/1 6 pm-10 pm UC 307
Department consent required. Contact the CTE office at a LSC campus to register.

Digital Imaging I
ARTCC 2100202 80 Contact Hours $264
Digital imaging using raster image editing and/or image creation software: scanning, resolution, file formats, output devices, color systems, and image-acquisitions. Must have high school diploma, successful completion of GED or be in the early admissions program. This course is linked to ARTC 1302. Prerequisite: Competent knowledge of either Macintosh or Windows operating system.

LSC-North Harris
15727 ARTCC 2100202 1005 DTEC 111
Use Photoshop. Department consent required. Contact the CTE office at a LSC campus to register. Instruction Type: Hybrid, Computer
15725 ARTCC 2100202 1001 MW 8/28-12/17 8:30 am-9:30 am DTEC 111
Use Photoshop. Department consent required. Contact the CTE office at a LSC campus to register. Instruction Type: Hybrid, Computer

LSC-Tomball
9425 ARTCC 2100202 3003 TTh 8/28-12/17 9:30 am-12:15 pm E 269
Department consent required. Contact the CTE office at a LSC campus to register.

Drafting and Design Technology REVIT
DFTGC 2109114 40 Contact Hours $544
Topics address comprehensive architectural design, documentation and presentation using Revit Architecture 2 and 3 dimensional modeling. The primary emphasis will focus on the role of Building Information Modeling (BIM) in transferring building data throughout the building life cycle.

LSC-CyFair
11977 DFTGC 2109114 5001 Th 10/3/11 6 pm-10 pm
Department consent required. Contact the CTE office at a LSC campus to register.
Excel I

ITSWC 2102224 16 Contact Hours $232
Instruction in terminology, program parameters, display characteristics, formatting features, mathematical functions, and printing. Create and modify workbooks, format worksheets, create and apply ranges, and create and print reports. Additional topics include using formulas, creating and modifying lines and objects. Prerequisite: Windows or equivalent knowledge.

LSC-CyFair
1974 ITSWC 2102224 5001 Th 7/25/8/3 6 pm-10 pm
3532 ITSWC 2102224 5001 Su 10/14-10/21 8 am-5 pm

LSC-Kingwood
6691 ITSWC 2102224 2001 Th 6/15/15
6692 ITSWC 2102224 2002 Su 7/15/15
6693 ITSWC 2102224 2003 Su 8/15/15
8054 ITSWC 2102224 2001 F 9/15/10/15
8055 ITSWC 2102224 2002 W 10/15/11/15
8056 ITSWC 2102224 2003 W 11/15/12/15
8057 ITSWC 2102224 2004 F 12/15/11/15
Classes start on the 15th of each month and are four weeks in duration. Student must have access to the Internet, an email account, and the current version of the software being studied. An electronic textbook and other course materials are supplied through an online site operated by the textbook publisher and are required. An additional fee is payable to the publisher for access to these materials. Scan and e-mail the completed registration form to LSCKCE@Lonestar.edu or fax completed registration form to 281.312.1612. Call 281.312.1660 for more information. Instruction Type: Online

LSC-Montgomery
1279 ITSWC 2104606 1001 Th 8/15/8/24 6 pm-10 pm E 203
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-North Harris
1126 ITSWC 2104606 1001 Th 7/13/7/25 6 pm-10 pm DETEC 102
2487 ITSWC 2104606 1001 MW 10/16/10/25 6 pm-10 pm DETEC 102

HTML I, Web Site Development
ITNWC 2105901 32 Contact Hours $440
This course will focus on the use of the World Wide Web (WWW) and the creation of a home page. Web browsers and Hypertext Markup Language (HTML) are discussed. Plan the content, structure, and layout of a web site that you create using HTML. Includes tables, hot buttons, animations, and comparison of browsers. Prerequisite: Computer Fundamentals or equivalent knowledge.

LSC-Kingwood
6646 ITSWC 2104606 2001 Th 6/15/15
6647 ITSWC 2104606 2002 Su 7/15/15
6648 ITSWC 2104606 2003 T 8/15/15
7996 ITSWC 2104606 2001 F 9/15/10/15
7997 ITSWC 2104606 2002 Su 10/15/11/15
7998 ITSWC 2104606 2003 W 11/15/12/15
7999 ITSWC 2104606 2004 F 12/15/11/15
Classes start on the 15th of each month and are four weeks in duration. Student must have access to the Internet, an email account, and the current version of the software being studied. An electronic textbook and other course materials are supplied through an online site operated by the textbook publisher and are required. An additional fee is payable to the publisher for access to these materials. Scan and e-mail the completed registration form to LSCKCE@Lonestar.edu or fax completed registration form to 281.312.1612. Call 281.312.1660 for more information. Instruction Type: Online

LSC-Montgomery
1279 ITSWC 2104606 1001 Th 8/15/8/24 6 pm-10 pm E 203
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Tomball
2110 ITSWC 2104606 3001 Th 6/20/6/29 6 pm-10 pm E 160
6581 ITSWC 2104606 3001 Th 10/31/11/9 9 am-1 pm E 160
6587 ITSWC 2104606 3003 T 10/31/11/9 6 pm-10 pm
6584 ITSWC 2104606 3002 M-Th 11/27/11/30 9 am-1 pm

LSC-University Park
12312 ITSWC 2104606 6001 Th 11/13/11/30 6 pm-10 pm

Excel II

ITSWC 2104606 16 Contact Hours $232
Instruction in moving and copying, cell contents; sorting mathematical, statistical, and financial functions; date and time arithmetic; report generation; and built-in graphics support; data and time arithmetic; report generation; and built-in graphics support. Create formulas to generate mathematical functions; create charts and produce reports. Prerequisite: Excel I.

LSC-CyFair
1975 ITSWC 2104606 5001 Th 8/8/17/6 6 pm-10 pm
3533 ITSWC 2104606 5001 Su 10/28/11/4 8 am-5 pm

LSC-Creekside Center
6558 DFTGC 2200701 K001 Th 7/13/8/20 6 pm-8:30 pm CS 142
Lab DFTGC 2200701 K002 Th 7/13/8/20 8:40 pm-11:10 pm CS 142
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Kingwood
6646 ITSWC 2104606 2001 Th 6/15/15
6647 ITSWC 2104606 2002 Su 7/15/15
6648 ITSWC 2104606 2003 T 8/15/15
7996 ITSWC 2104606 2001 F 9/15/10/15
7997 ITSWC 2104606 2002 Su 10/15/11/15
7998 ITSWC 2104606 2003 W 11/15/12/15
7999 ITSWC 2104606 2004 F 12/15/11/15
Classes start on the 15th of each month and are four weeks in duration. Student must have access to the Internet, an email account, and the current version of the software being studied. An electronic textbook and other course materials are supplied through an online site operated by the textbook publisher and are required. An additional fee is payable to the publisher for access to these materials. Scan and e-mail the completed registration form to LSCKCE@Lonestar.edu or fax completed registration form to 281.312.1612. Call 281.312.1660 for more information. Instruction Type: Online

LSC-Montgomery
1279 ITSWC 2104606 1001 Th 8/15/8/24 6 pm-10 pm E 203
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-North Harris
1126 ITSWC 2104606 1001 Th 7/13/7/25 6 pm-10 pm DETEC 102
2487 ITSWC 2104606 1001 MW 10/16/10/25 6 pm-10 pm DETEC 102

LSC-Tomball
2110 ITSWC 2104606 3001 Th 6/20/6/29 6 pm-10 pm E 160
6581 ITSWC 2104606 3001 Th 10/31/11/9 9 am-1 pm E 160
6587 ITSWC 2104606 3003 T 10/31/11/9 6 pm-10 pm
6584 ITSWC 2104606 3002 M-Th 11/27/11/30 9 am-1 pm

LSC-University Park
12312 ITSWC 2104606 6001 Th 11/13/11/30 6 pm-10 pm

HTML I, Web Site Development
ITNWC 2105901 32 Contact Hours $440
This course will focus on the use of the World Wide Web (WWW) and the creation of a home page. Web browsers and Hypertext Markup Language (HTML) are discussed. Plan the content, structure, and layout of a web site that you create using HTML. Includes tables, hot buttons, animations, and comparison of browsers. Prerequisite: Computer Fundamentals or equivalent knowledge.

LSC-Kingwood
8402 ITNW 2105901 2001 Su 9/9/9/30 1 pm-5 pm CLA 106
Instruction Type: Hybrid, Internet

LSC-Montgomery
2323 ITNW 2105901 4001 T 8/29/9/19 6 pm-10 pm E 204
Department consent required. Contact the CTE office at a LSC campus to register. Instruction Type: Hybrid, Internet
HTML II, Website Development (Advanced)
ITNWC 2203600 24 Contact Hours $336
Instruction in more technical and in-depth uses of HTML, and the internet in business and service-related opportunities. Application of styles to a website and introduction to CSS best practices, layout and techniques. Participants must have high school diploma or successful completion of the GED.

JAVA Programming
ITSEC 2201701 80 Contact Hours $264
Introduction to JAVA programming with object-orientation. Emphasis is on the fundamental syntax and semantics of JAVA for applications and web applets. Must have high school diploma, successful completion of GED or be in the early admissions program. This course is linked to ITSE 2317. Prerequisite: College Level Readiness in Math. ITSE 1302 OR COSC 1309

Introduction to Networks
ITCCC 2107502 80 Contact Hours $252
Introduce the architecture, structure, functions, components, and models of the Internet and other computer networks. The principles and structure of IP addressing and the fundamentals of Ethernet concepts, media, and operations are introduced to provide a foundation for the curriculum. By the end of the course, students will be able to build simple LANs, perform basic configurations for routers and switches, and implement IP addressing schemes. This course is linked to ITCC 1375.

LSC-University Park
12277 ITNWC 2105901 6001 M 8/28/10-25 6 pm-10 pm
Instruction Type: Hybrid, Internet

LSC-Montgomery
2345 ITNWC 2203600 4001 T 11/28-12/12 6 pm-10 pm MCE E204
Department consent required. Contact the CTE office at a LSC campus to register. HTML 1 required; Closed 11/22 to 11/26. Instruction Type: Hybrid, Internet

LSC-Kingwood
15653 ITSEC 2201701 2001 TH 8/28-10/22 1:30 pm-4:50 pm ADN 206
8 week course. Students must have access to the Internet. Instruction Type: Hybrid, Internet

LSC-Creekside Center
10348 ITCCC 2107502 KT01 MW 8/28-10/22 8 am-10:20 am CS 113
Lab ITCCC 2107502 KT02 MW 8/28-10/22 10:30 am-1 pm CS 113
Department consent required. Contact the CTE office at a LSC campus to register.
10334 ITCCC 2107502 KN03 MW 8/28-10/22 6 pm-8:20 pm CS 111
Lab ITCCC 2107502 KN04 MW 8/28-10/22 8:30 pm-11 pm CS 111
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-CyFair
15805 ITCCC 2107502 5005 MW 8/28-10/22 10 am-12:30 pm TECH 114
Please contact Donna.ivey@lonestar.edu for more information. CCNA Orientation will be on Saturday 8/26/17 at 9:30 am in TECH 114. Please plan on attending. Department consent required. Contact the CTE office at a LSC campus to register. Instruction Type: Hybrid, In
15818 ITCCC 2107502 5011 MW 8/28-10/22 5:45 pm-8:15 pm TECH 118
Please contact Donna.ivey@lonestar.edu for more information. CCNA Orientation will be on Saturday 8/26/17 at 9:30 am in TECH 114. Please plan on attending. Department consent required. Contact the CTE office at a LSC campus to register.
**Linux Installation and Configuration**

**ITSCC**  2101600  80 Contact Hours  $252

Introduction to Linux operating system. Includes Linux installation, basic administration, utilities and commands, upgrading, networking, security, and application installation. Emphasizes hands-on setup, administration, and management of Linux. This course is linked to ITSC 1316.

**LSC-Kingwood**

15629  ITSC  2101600  2001  M  8/28/12/17  6 pm 9 pm  ADM 201

Students must have access to the Internet. Offered Fall only. Instruction Type: Hybrid, Internet

**Networking Technologies, Fundamentals**

**ITNWC**  2102501  80 Contact Hours  $258

**Photoshop I**

**ITSWC**  2100302  16 Contact Hours  $232

Graphics software for image enhancement, photo retouching, and image composition. Apply the basics of digital imaging, and use of common tools, palettes, and commands for manipulating images and compressing them for the fastest downloads. Prerequisites: Computer Fundamentals or equivalent knowledge required.

**LSC-Kingwood**

6726  ITSWC  2100302  2001  Th  6/15/17/15
6727  ITSWC  2100302  2002  Su  7/15/17/15
6728  ITSWC  2100302  2003  T  8/15/17/15
8711  ITSWC  2100302  2001  F  9/15/17/15
8712  ITSWC  2100302  2002  Su  10/15/17/15
8713  ITSWC  2100302  2003  W  11/15/17/15
8714  ITSWC  2100302  2004  F  12/15/17/15

Classes start on the 15th of each month and are four weeks in duration. Students must have access to the Internet, an email account, and current version of the software being studied. Scan and e-mail the completed registration form to LSCKCE@Lonestar.edu or fax completed registration form to 281.312.1612. Call 281.312.1660 for more information. Instruction Type: Online

**Photoshop I for Web**

**GRPHC**  2109107  24 Contact Hours  $336

Topics address recently identified current events, skills, knowledge, and/or attitudes and behaviors pertinent to the technology or occupation and relevant to the professional development of the student. This course was designed to be repeated multiple times to improve student proficiency. Course content with focused modules on Copyright Law and licensing considerations, web graphic formats, image layers and blending, image export and delivery. Topics address recently identified current events, skills, knowledge, and/or attitudes and behaviors pertinent to the technology or occupation and relevant to the professional development of the student in web design and web development.
LSC-Kingwood
8757  GRPHC  2109107  2001  Sa  10/7-10/21  1 pm-5 pm  CLA 106
Instruction Type: Hybrid, Internet

LSC-Montgomery
2342  GRPHC  2109107  4001  T  9/26-10/10  6 pm-10 pm  MCE E204
Department consent required. Contact the CTE office at a LSC campus to register.
Prerequisite: HTML I required. Instruction Type: Hybrid, Internet

LSC-University Park
12439  GRPHC  2109107  6001  M  10/9-10/23  6 pm-10 pm
Instruction Type: Hybrid, Internet

Photoshop II
GRPHC  2109104  16 Contact Hours $232
Develop your skills as you explore photo manipulation and illustration techniques. Topics include: photograph combination, embossing, masking, channel techniques, type, add colorizing
B&W photographs. Prerequisite: Photoshop I.
LSC-Kingwood
6723  GRPHC  2109104  2001  Th  6/15-7/15
6724  GRPHC  2109104  2002  Su  7/15-8/15
6725  GRPHC  2109104  2003  T  8/15-9/15
8638  GRPHC  2109104  2001  F  9/15-10/15
8639  GRPHC  2109104  2002  Su  10/15-11/15
8640  GRPHC  2109104  2003  W  11/15-12/15
8641  GRPHC  2109104  2004  F  12/15-1/15
Classes start on the 15th of each month and are four weeks in duration. Student
must have access to the Internet, an email account, and the current version of
the software being studied. Scan and e-mail the completed registration form to
LSCKCE@LoneStar.edu or fax the completed registration to 281.312.1612. Call 281.312.1660 for more information. Instruction Type: Online

Photoshop II for Web
GRPHC  2109108  24 Contact Hours $336
Topics address recently identified current events, skills, knowledge, and/or attitudes and behaviors pertinent to the technology or occupation and relevant to the professional development of the student. This course was designed to be repeated multiple times to improve student proficiency. Course content with focused modules on typographical design, vector drawing techniques, advanced filtering and creating a professional web gallery. Topics address recently identified current events, skills, knowledge, and/or attitudes and behaviors pertinent to the technology or occupation and relevant to the professional development of the student in web design and web development.
LSC-Kingwood
8758  GRPHC  2109108  2001  Sa  11/18-12/9  1 pm-5 pm  CLA 106
Instruction Type: Hybrid, Internet

LSC-Montgomery
2344  GRPHC  2109108  4001  T  11/7-11/21  6 pm-10 pm  MCE E204
Department consent required. Contact the CTE office at a LSC campus to register.
Prerequisite: HTML I required. Instruction Type: Hybrid, Internet

LSC-University Park
12440  GRPHC  2109108  6001  M  12/4-12/18  6 pm-10 pm
Instruction Type: Hybrid, Internet

PowerPoint I
ITSWC  2103702  16 Contact Hours $232
Introduction to computerized presentation graphics that leads the participant through planning, design, and production of business graphics and charts. Presentation files are produced utilizing multimedia software. Microsoft PowerPoint is used to create dynamic presentations that incorporate special effects. Prerequisite: Windows or equivalent knowledge.
LSC-Kingwood
6668  ITSWC  2103702  2001  Th  6/15-7/15
6669  ITSWC  2103702  2002  Sa  7/15-8/15
6670  ITSWC  2103702  2003  T  8/15-9/15
8016  ITSWC  2103702  2001  F  9/15-10/15
8017  ITSWC  2103702  2002  Su  10/15-11/15
8018  ITSWC  2103702  2003  W  11/15-12/15
8019  ITSWC  2103702  2004  F  12/15-1/15
Classes start on the 15th of each month and are four weeks in duration. Student
must have access to the Internet, an email account, and the current version of
the software being studied. An electronic textbook and other course materials
are supplied through an online site operated by the textbook publisher and
are required. An additional fee is payable to the publisher for access to these
materials. Scan and e-mail the completed registration form to LSCKCE@LoneStar.
edu or fax completed registration form to 281.312.1612. Call 281.312.1660 for more information. Instruction Type: Online

PowerPoint II
ITSWC  2104102  16 Contact Hours $232
Create and modify multimedia presentations complete with slides, charts, and special effects. Microsoft PowerPoint is used to create dynamic presentations for demonstrations and the Web using graphs, charts, hyperlinks, objects, and timings. Prerequisite: PowerPoint I or equivalent knowledge.
LSC-Kingwood
6665  ITSWC  2104102  2001  Th  6/15-7/15
6666  ITSWC  2104102  2002  Sa  7/15-8/15
6667  ITSWC  2104102  2003  T  8/15-9/15
8012  ITSWC  2104102  2001  F  9/15-10/15
8013  ITSWC  2104102  2002  Su  10/15-11/15
8014  ITSWC  2104102  2003  W  11/15-12/15
8015  ITSWC  2104102  2004  F  12/15-1/15
Classes start on the 15th of each month and are four weeks in duration. Student
must have access to the Internet, an email account, and the current version of
the software being studied. An electronic textbook and other course materials
are supplied through an online site operated by the textbook publisher and
are required. An additional fee is payable to the publisher for access to these
materials. Scan and e-mail the completed registration form to LSCKCE@LoneStar.
edu or fax completed registration form to 281.312.1612. Call 281.312.1660 for more information. Instruction Type: Online

Advanced Technical Certificate
Professional Accountancy
Are you interested in becoming a Certified Public Accountant (CPA)? LSC
offers an Advanced Technical Certificate in Professional Accountancy. To learn
more check out
LoneStar.edu/Accounting-CPA
Project Scheduling using MS Project
CNBTC 2105901 48 Contact Hours $659
A study of conventional scheduling using critical-path-method; precedence and arrow networks; bar charts; monthly reports; and fast-track scheduling. Explore the process of organizing, scheduling, and managing several tasks in a required sequence so that a project is completed within a specified time period and budget. Requirements: students must have access to the Internet, e-mail and Microsoft Project.

LSC-Kingwood
6964 CNBTC 2105901 2001 Th 6/15/9/15
6965 CNBTC 2105901 2003 Su 7/15/10/15
6966 CNBTC 2105901 2005 T 8/15/11/15
15282 CNBTC 2105901 2001 F 9/15/12/15
15232 CNBTC 2105901 2003 Su 10/15/1/15
15232 CNBTC 2105901 2005 W 11/15/2/15
15232 CNBTC 2105901 2007 F 12/15/3/15
Classes start on the 15th of each month and are 12 weeks in duration. Student must have access to the internet, an email account, and the current version of the software being studied. Scan and e-mail the completed registration form to ITCCC@lonestar.edu or fax it to 281.312.1612. Call 281.312.1660 for more information. Instruction Type: Online

Routing and Switching Essentials
ITCCC 2107602 80 Contact Hours $252
This course describes the architecture, components, and operations of routers and switches in a small network. Students learn how to configure a router and a switch for basic functionality. By the end of this course, students will be able to configure and troubleshoot routers and switches and resolve common issues with RIPv1, RIPv2, single area and multi-area OSPF, virtual LANs, and inter-VLAN routing in both IPv4 and IPv6 networks. This course is linked to ITCCC 1376.

LSC-Creekside Center
10364 ITCCC 2107602 KT01 MW 10/23/12/17 8 am-10:20 am CS 113
Lab ITCCC 2107602 KT02 MW 10/23/12/17 10:30 am-1 pm CS 113
Department consent required. Contact the CTE office at a LSC campus to register.
10356 ITCCC 2107602 KN03 MW 10/23/12/17 6 pm-8:20 pm CS 111
Lab ITCCC 2107602 KN04 MW 10/23/12/17 8:30 pm-11 pm CS 111
Department consent required. Contact the CTE office at a LSC campus to register.

Scaling Networks
ITCCC 2207802 80 Contact Hours $252
This course describes the architecture, components, and operations of routers and switches in a larger and more complex network. Students learn how to configure routers and switches for advanced functionality. By the end of this course, students will be able to configure and troubleshoot routers and switches and resolve common issues with OSPF, EIGRP, STP, and VTP in both IPv4 and IPv6 networks. Students will also develop the knowledge and skills needed to implement DHCP and DNS operations in a network. This course is linked to ITCC 2378.

LSC-Creekside Center
10377 ITCCC 2207802 KN01 MW 8/28/10/22 6 pm-8:20 pm CS 113
Lab ITCCC 2207802 KN02 MW 8/28/10/22 8:30 pm-11 pm CS 113
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-CyFair
6635 ITCCC 2207802 5003 MW 7/13/20 10:30 am-12:30 pm TECH 114
Department consent required. Contact the CTE office at a LSC campus to register. Please contact Donna.levy@lonestar.edu for more information. This class meets every Monday and Wednesday and requires independent online work. Access your online course at www.netacad.com. Instruction Type: Hybrid, Internet

SEO: Analytics and Tracking
ITNWC 2109100 16 Contact Hours $232
Students develop skill set to survey search engines and indexes using tools including Google, Woopra and others. Develop SEO best practices. Topics address recently identified current events, skills, knowledge, and/or attitudes and behaviors pertinent to the technology or occupation and relevant to the professional development of the student. Participants must have high school diploma or successful completion of the GED.

LSC-Montgomery
1362 ITNWC 2109100 4002 T 8/8/15 6 pm-10 pm UC 307
Department consent required. Contact the CTE office at a LSC campus to register.

SolidWorks I
DFTGC 2109120 30 Contact Hours $414
Topics address recently identified current events, skills, knowledge, and/or attitudes and behaviors pertinent to the technology or occupation and relevant to the professional development of the student. This course was designed to be repeated multiple times to improve student proficiency. Addresses training in the design software SolidWorks.

LSC-CyFair
1514 DFTGC 2109120 5001 MW 6/26/7/26 6 pm-9 pm
Department consent required. Contact the CTE office at a LSC campus to register.
3495 DFTGC 2109120 5001 MW 9/25/10/25 6 pm-10 pm
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-North Harris
2498 DFTGC 2109120 1001 Th 9/19/10/19 6 pm-9 pm DTEC 103

LSC-University Park
4559 DFTGC 2109120 6001 TH 6/30/7/6 6 pm-10 pm UPEM 243
4993 DFTGC 2109120 6001 Th 8/29/9/21 6 pm-10 pm UPEM 243
4996 DFTGC 2109120 6002 Th 10/24-11/16 6 pm-10 pm UPEM 243

SolidWorks II
DFTGC 1109101 30 Contact Hours $414
This course was designed to be repeated multiple times to improve student proficiency. This course addresses training in a more advanced level of the design software SolidWorks. Textbook required.

LSC-CyFair
1515 DFTGC 1109101 5001 MW 7/31/8/30 6 pm-9 pm
Department consent required. Contact the CTE office at a LSC campus to register.
3498 DFTGC 1109101 5001 MW 10/30-12/6 6 pm-10 pm
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-North Harris
11964 DFTGC 1109101 1001 Th 10/24-11/28 6 pm-9 pm DTEC 103

LSC-University Park
4560 DFTGC 1109101 6001 Th 7/11/7/26 6 pm-10 pm UPEM 243
4998 DFTGC 1109101 6001 Th 9/26-10/19 6 pm-10 pm UPEM 243
4999 DFTGC 1109101 6002 Th 11/28-12/21 6 pm-10 pm UPEM 243
Web Page Creation - Online
IMEDC 2100201 32 Contact Hours $440
Web site creation with graphic elements. Includes use of Web authoring software and study of websites and browsers. Design, layout and publishing techniques for Web documents. Utilizes techniques for developing tables and forms using HTML and Dreamweaver. Prerequisite: Internet browser and email experience. Requirements: Internet access and email. Student must have access to the MX version of Dreamweaver or greater.

LSC-Kingwood
6729 IMEDC 2100201 2001 Th 6/157/15
6730 IMEDC 2100201 2002 Su 7/159/15
6731 IMEDC 2100201 2003 T 8/150/15
8724 IMEDC 2100201 2001 F 9/151/15
8725 IMEDC 2100201 2002 Su 10/15-12/15
8726 IMEDC 2100201 2003 W 11/15-1/15
8727 IMEDC 2100201 2004 F 12/15-2/15
Classes start on the 15th of each month and are 8 weeks in duration. Student must have access to the Internet, an email account, and current version of the software being studied. An electronic textbook and other course materials are supplied through an online site operated by the textbook publisher and are required. An additional fee is payable to the publisher for access to these materials. Scan and e-mail the completed registration form to LSCKCE@LoneStar.edu or fax completed registration form to 281.312.1612. Call 281.312.1660 for more information. Instruction Type: Online

Word I
POFIC 2102406 16 Contact Hours $232
Introduction to word processing terminology, editing functions, formatting, and special text options. Prerequisite: Computer Fundamentals or equivalent knowledge. USB drive required.

LSC-Kingwood
6688 POFIC 2102406 2001 Th 6/157/15
6689 POFIC 2102406 2002 Su 7/159/15
6690 POFIC 2102406 2003 Su 8/159/15
8033 POFIC 2102406 2001 F 9/1510/15
8034 POFIC 2102406 2002 Su 10/15-11/15
8035 POFIC 2102406 2003 W 11/15-12/15
8036 POFIC 2102406 2004 F 12/15-1/15
Classes start on the 15th of each month and are four weeks in duration. Student must have access to the Internet, an email account, and the current version of the software being studied. An electronic textbook and other course materials are supplied through an online site operated by the textbook publisher and are required. An additional fee is payable to the publisher for access to these materials. Scan and e-mail the completed registration form to LSCKCE@LoneStar.edu or fax completed registration form to 281.312.1612. Call 281.312.1660 for more information. Instruction Type: Online

Word II
POFIC 2104202 16 Contact Hours $232
Word processing production techniques. Includes search and replace functions, headers and footers, mail merge, file functions, and printer setup. Prerequisite: Word I.

LSC-Kingwood
6656 POFIC 2104202 2001 Th 6/157/15
6657 POFIC 2104202 2002 Su 7/158/15
6658 POFIC 2104202 2003 Su 8/159/15
8008 POFIC 2104202 2001 F 9/1510/15
8009 POFIC 2104202 2002 Su 10/15-11/15
8010 POFIC 2104202 2003 W 11/15-12/15
8011 POFIC 2104202 2004 F 12/15-1/15
Classes start on the 15th of each month and are four weeks in duration. Student must have access to the Internet, an email account, and the current version of the software being studied. An electronic textbook and other course materials are supplied through an online site operated by the textbook publisher and are required. An additional fee is payable to the publisher for access to these materials. Scan and e-mail the completed registration form to LSCKCE@LoneStar.edu or fax completed registration form to 281.312.1612. Call 281.312.1660 for more information. Instruction Type: Online

WordPress I
ITSEC 2109151 24 Contact Hours $336
Topics address recently identified current events, skills, knowledge, and/or attitudes and behaviors pertinent to the technology or occupation and relevant to the professional development of the student. This course was designed to be repeated multiple times to improve student proficiency. Identifying the factors for a data driven site with CMS vs. a Static Site including review of all the options of WordPress, Joomla and Drupal. Recognizing the components and practical usage of WordPress.

LSC-Kingwood
8399 ITSEC 2109151 2001 Sa 10/28-11/11 1 pm-5 pm CLA 106
Instruction Type: Hybrid, Internet

LSC-Montgomery
2343 ITSEC 2109151 4001 T 10/17-10/31 6 pm-10 pm MC-E 204
Department consent required. Contact the CTE office at a LSC campus to register. Photoshop I required. Instruction Type: Hybrid, Internet

LSC-University Park
12279 ITSEC 2109151 6001 M 11/6-11/20 6 pm-10 pm
Instruction Type: Hybrid, Internet

WordPress II
ITSEC 2109150 32 Contact Hours $440
This course includes extending knowledge of WordPress I into advanced practices with PHP, MySQL and jQuery. Course modules vary from embedding PHP in HTML, adding dynamic content to web, learning how to employ variables and conditional logic. Topics address recently identified current events, skills, knowledge, and/or attitudes and behaviors pertinent to the technology or occupation and relevant to the professional development of the student. Participants must have high school diploma or successful completion of the GED.

LSC-Montgomery
1360 ITSEC 2109150 4001 T 6/20-7/18 6 pm-10 pm UC 307
Department consent required. Contact the CTE office at a LSC campus to register. Closed 7/4/17.
Energy, Manufacturing & Skilled Trades

LSC-CYFAIR
9191 Barker Cypress Road
Cypress, TX  77433-1383
CASA Building, Room 116
CE: 281.290.3460

LSC-KINGWOOD
20000 Kingwood Drive
Kingwood, TX  77339-3801
CLA Building, Room 107
CE: 281.312.1660

LSC-MONTGOMERY
3200 College Park Drive
Conroe, TX  77384-4500
Building E, Room 205
CE: 936.273.7446

LSC-NORTH HARRIS
2700 W.W. Thorne Drive
Houston, TX  77073-3499
Comm Ed Building, Room 102
CE: 281.618.5602

LSC-TOMBALL
30555 Tomball Parkway
Tomball, TX  77375-4096
Building E, Room 166
CE: 281.357.3676

LSC-UNIVERSITY PARK
20515 State Highway 249 (at Louetta)
Houston, TX  77070-2607
Building 13, 3rd Floor, Room 303
CE: 281.290.2601

Register for classes online at LoneStar.edu/CTE  Questions? Email LSCCE@LoneStar.edu
## Programs

### Automotive Technology

<table>
<thead>
<tr>
<th>Program</th>
<th>Duration</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Automotive Technician</td>
<td>336 hours</td>
<td>$1,026</td>
</tr>
<tr>
<td>Automotive Technology, Introduction</td>
<td>112 hours</td>
<td>$342</td>
</tr>
<tr>
<td>Automotive Electrical Systems</td>
<td>112 hours</td>
<td>$342</td>
</tr>
<tr>
<td>Automotive Brake Systems</td>
<td>112 hours</td>
<td>$342</td>
</tr>
<tr>
<td>General Automotive Service Technician</td>
<td>544 hours</td>
<td>$1,620</td>
</tr>
<tr>
<td>Automotive Technology - Plus</td>
<td></td>
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<tr>
<td>Steering &amp; Suspension Systems</td>
<td>112 hours</td>
<td>$342</td>
</tr>
<tr>
<td>Automotive Services</td>
<td>96 hours</td>
<td>$252</td>
</tr>
</tbody>
</table>

### Electrician

<table>
<thead>
<tr>
<th>Program</th>
<th>Duration</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electrician - Journeyman: Exam Review</td>
<td>32 hours</td>
<td>$440</td>
</tr>
<tr>
<td>See Industry Certification &amp; Exam Prep</td>
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</tr>
<tr>
<td>Electrician - Master: Exam Review</td>
<td>96 hours</td>
<td>$1,318</td>
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<tr>
<td>See Industry Certification &amp; Exam Prep</td>
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</tbody>
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### Energy & Manufacturing Technology

<table>
<thead>
<tr>
<th>Program</th>
<th>Duration</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Field Service Technician Certificate</td>
<td>304 hours</td>
<td>$1,063</td>
</tr>
<tr>
<td>DC/AC Circuits</td>
<td>96 hours</td>
<td>$340</td>
</tr>
<tr>
<td>Hydraulics &amp; Pneumatics</td>
<td>80 hours</td>
<td>$249</td>
</tr>
<tr>
<td>Print Reading for Machine Trades</td>
<td>64 hours</td>
<td>$237</td>
</tr>
<tr>
<td>Machine Shop Mathematics</td>
<td>64 hours</td>
<td>$237</td>
</tr>
<tr>
<td>Industrial Maintenance Assistant</td>
<td>144 hours</td>
<td>$1,942</td>
</tr>
<tr>
<td>Industrial Maintenance, Introduction</td>
<td>96 hours</td>
<td>$1,283</td>
</tr>
<tr>
<td>Basic Mechanical Skills for Energy</td>
<td>48 hours</td>
<td>$659</td>
</tr>
<tr>
<td>Pre-Apprentice Mechatronics</td>
<td>344 hours</td>
<td>$4,697</td>
</tr>
<tr>
<td>Introduction to Manufacturing</td>
<td>24 hours</td>
<td>$336</td>
</tr>
<tr>
<td>Work Skills for the Workplace</td>
<td>16 hours</td>
<td>$232</td>
</tr>
<tr>
<td>Quality Control for Manufacturing</td>
<td>16 hours</td>
<td>$232</td>
</tr>
<tr>
<td>HVAC Basics</td>
<td>40 hours</td>
<td>$544</td>
</tr>
<tr>
<td>Basic Mechanical Skills for Energy</td>
<td>48 hours</td>
<td>$659</td>
</tr>
<tr>
<td>Introduction to Industrial Maintenance</td>
<td>96 hours</td>
<td>$1,283</td>
</tr>
<tr>
<td>Electrical &amp; Electronics Hardware</td>
<td>64 hours</td>
<td>$867</td>
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<tr>
<td>Programmable Logical Controllers</td>
<td>40 hours</td>
<td>$544</td>
</tr>
<tr>
<td>Floor-hand/Roustabout Certificate</td>
<td>296 hours</td>
<td>$4,070</td>
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<tr>
<td>IADC® Gateway</td>
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<tr>
<td>Introduction to Oil and Gas</td>
<td>24 hours</td>
<td>$336</td>
</tr>
<tr>
<td>Introduction to Industrial Maintenance</td>
<td>96 hours</td>
<td>$1,283</td>
</tr>
<tr>
<td>Basic Mechanical Skills for Energy</td>
<td>48 hours</td>
<td>$659</td>
</tr>
<tr>
<td>Work Skills for the Workplace</td>
<td>16 hours</td>
<td>$232</td>
</tr>
<tr>
<td>Drilling (Rig Floor Core Skills)</td>
<td>80 hours</td>
<td>$1,075</td>
</tr>
<tr>
<td>IADC RIG PASS®</td>
<td>8 hours</td>
<td>$149</td>
</tr>
<tr>
<td>IADC WellSharp®</td>
<td>24 hours</td>
<td>$336</td>
</tr>
</tbody>
</table>

### Standardized Construction

<table>
<thead>
<tr>
<th>Program</th>
<th>Duration</th>
<th>Cost</th>
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<tbody>
<tr>
<td>Ironworking NCCER Certificate</td>
<td>236 hours</td>
<td>$3,173</td>
</tr>
<tr>
<td>NCCER Core - Construction Methods/Materials</td>
<td>73 hours</td>
<td>$984</td>
</tr>
<tr>
<td>Construction Methods, Material/App II</td>
<td>110 hours</td>
<td>$1,465</td>
</tr>
<tr>
<td>Fundamentals of Oxy-Fuel Cutting</td>
<td>53 hours</td>
<td>$724</td>
</tr>
<tr>
<td>Pipefitting NCCER Certificate</td>
<td>153 hours</td>
<td>$2,059</td>
</tr>
<tr>
<td>NCCER Core - Construction Methods/Materials</td>
<td>73 hours</td>
<td>$984</td>
</tr>
<tr>
<td>Basic Pipefitting</td>
<td>80 hours</td>
<td>$1,075</td>
</tr>
<tr>
<td>Welding NCCER Certificate</td>
<td>358 hours</td>
<td>$4,792</td>
</tr>
<tr>
<td>NCCER Core - Construction Methods/Materials</td>
<td>73 hours</td>
<td>$984</td>
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<tr>
<td>Fundamentals of Oxy-Fuel Cutting</td>
<td>40 hours</td>
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</tr>
<tr>
<td>Introduction (SMAW) NCCER</td>
<td>130 hours</td>
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<tr>
<td>Intermediate (SMAW) NCCER</td>
<td>115 hours</td>
<td>$1,530</td>
</tr>
</tbody>
</table>

## Standards, Certification, and Licensing

- **IADC**
  - Gateway
    - Introduction to Oil and Gas
      - 24 hours, $336
    - Introduction to Industrial Maintenance
      - 96 hours, $1,283
    - Basic Mechanical Skills for Energy
      - 48 hours, $659
    - Work Skills for the Workplace
      - 16 hours, $232
    - Drilling (Rig Floor Core Skills)
      - 80 hours, $1,075
    - IADC RIG PASS®
      - 8 hours, $149
    - IADC WellSharp®
      - 24 hours, $336

- **NCCER**
  - Core - Construction Methods/Materials
    - 73 hours, $984
  - Basic Pipefitting
    - 80 hours, $1,075
  - Introduction (SMAW) NCCER
    - 130 hours, $1,725
  - Intermediate (SMAW) NCCER
    - 115 hours, $1,530

- **Industry Certification & Exam Prep**
  - See related costs associated with preparation for Industry Certification exams.
### Corporate College/Career & Technical Education

#### Energy, Manufacturing & Skilled Trades

Register for classes online at LoneStar.edu/CTE

Questions? Email LSCCE@LoneStar.edu

## Programs

### Engineering Design Technology

<table>
<thead>
<tr>
<th>Course Description</th>
<th>Hours</th>
<th>Cost</th>
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</thead>
<tbody>
<tr>
<td>AutoCAD Draftsman</td>
<td>96</td>
<td>$1,320</td>
</tr>
<tr>
<td>AutoCAD, Introduction</td>
<td>32</td>
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<tr>
<td>AutoCAD, Intermediate</td>
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<td>$440</td>
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<tr>
<td>AutoCAD, Advanced</td>
<td>32</td>
<td>$440</td>
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<table>
<thead>
<tr>
<th>Course Description</th>
<th>Hours</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>SolidWorks Designer</td>
<td>60</td>
<td>$828</td>
</tr>
<tr>
<td>Solidworks I</td>
<td>30</td>
<td>$414</td>
</tr>
<tr>
<td>Solidworks II</td>
<td>30</td>
<td>$414</td>
</tr>
</tbody>
</table>

### Welding & Inspection

<table>
<thead>
<tr>
<th>Course Description</th>
<th>Hours</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ironworking NCCER Certificate</td>
<td>236</td>
<td>$3,173</td>
</tr>
<tr>
<td>NCCER Core - Construction Methods/Materials</td>
<td>73</td>
<td>$984</td>
</tr>
<tr>
<td>Construction Methods, Material/App II</td>
<td>110</td>
<td>$1,465</td>
</tr>
<tr>
<td>Fundamentals of Oxy-Fuel Cutting</td>
<td>53</td>
<td>$724</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Description</th>
<th>Hours</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pipefitting NCCER Certificate</td>
<td>153</td>
<td>$2,059</td>
</tr>
<tr>
<td>NCCER Core - Construction Methods/Materials</td>
<td>73</td>
<td>$984</td>
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<tr>
<td>Basic Pipefitting</td>
<td>80</td>
<td>$1,075</td>
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<table>
<thead>
<tr>
<th>Course Description</th>
<th>Hours</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Welding NCCER Certificate</td>
<td>358</td>
<td>$4,792</td>
</tr>
<tr>
<td>NCCER Core - Construction Methods/Materials</td>
<td>73</td>
<td>$984</td>
</tr>
<tr>
<td>Fundamentals of Oxy-Fuel Cutting</td>
<td>40</td>
<td>$553</td>
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<tr>
<td>Introduction (SMAW) NCCER</td>
<td>130</td>
<td>$1,725</td>
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<tr>
<td>Intermediate (SMAW) NCCER</td>
<td>115</td>
<td>$1,530</td>
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<thead>
<tr>
<th>Course Description</th>
<th>Hours</th>
<th>Cost</th>
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<tbody>
<tr>
<td>Welder (SMAW &amp; GMAW) Certificate</td>
<td>240</td>
<td>$3,742</td>
</tr>
<tr>
<td>Blueprint Reading for Welding</td>
<td>32</td>
<td>$440</td>
</tr>
<tr>
<td>Math for Welding</td>
<td>32</td>
<td>$440</td>
</tr>
<tr>
<td>Work Skills for the Workplace</td>
<td>16</td>
<td>$232</td>
</tr>
<tr>
<td>Shielded Metal Arc Welding (SMAW)</td>
<td>80</td>
<td>$1,315</td>
</tr>
<tr>
<td>Gas Metal Arc Welding (GMAW)</td>
<td>80</td>
<td>$1,315</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Course Description</th>
<th>Hours</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gas Tungsten Welder (GTAW) Certificate</td>
<td>80</td>
<td>$1,315</td>
</tr>
<tr>
<td>Gas Tungsten Arc Welding (GTAW)</td>
<td>80</td>
<td>$1,315</td>
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<table>
<thead>
<tr>
<th>Course Description</th>
<th>Hours</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pipe Welder Certificate</td>
<td>80</td>
<td>$1,315</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Description</th>
<th>Hours</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Welding Master Certificate (AWS)</td>
<td>400</td>
<td>$6,372</td>
</tr>
<tr>
<td>Blueprint Reading for Welding</td>
<td>32</td>
<td>$440</td>
</tr>
<tr>
<td>Math for Welders</td>
<td>32</td>
<td>$440</td>
</tr>
<tr>
<td>Work Skills for the Workplace</td>
<td>16</td>
<td>$232</td>
</tr>
<tr>
<td>Shielded Metal Arc Welding (SMAW)</td>
<td>80</td>
<td>$1,315</td>
</tr>
<tr>
<td>Gas Metal Arc Welding (GMAW)</td>
<td>80</td>
<td>$1,315</td>
</tr>
<tr>
<td>Gas Tungsten Arc Welding (GTAW)</td>
<td>80</td>
<td>$1,315</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Description</th>
<th>Hours</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shielded Metal Arc Pipe</td>
<td>80</td>
<td>$1,315</td>
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</table>

### Welding Inspector Exam Prep Certificate (AWS)

<table>
<thead>
<tr>
<th>Course Description</th>
<th>Hours</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Welding Inspector Preparation Part I</td>
<td>48</td>
<td>$659</td>
</tr>
<tr>
<td>Welding Inspector Preparation Part II</td>
<td>48</td>
<td>$659</td>
</tr>
</tbody>
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#### Energy, Manufacturing & Skilled Trades

### Heating, Ventilation, Air Conditioning (HVAC) & Refrigeration

<table>
<thead>
<tr>
<th>Course Description</th>
<th>Hours</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>HVAC NCCER Certificate</td>
<td>193</td>
<td>$2,579</td>
</tr>
<tr>
<td>NCCER Core - Construction Methods/Materials</td>
<td>73</td>
<td>$984</td>
</tr>
<tr>
<td>Refrigeration Principals</td>
<td>120</td>
<td>$1,595</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Description</th>
<th>Hours</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>HVAC Occupational Entry Certificate</td>
<td>384</td>
<td>$1,408</td>
</tr>
<tr>
<td>Basic Electricity Principles for HVAC</td>
<td>96</td>
<td>$352</td>
</tr>
<tr>
<td>Refrigeration Principals</td>
<td>96</td>
<td>$352</td>
</tr>
<tr>
<td>Gas and Electric Heating</td>
<td>96</td>
<td>$352</td>
</tr>
<tr>
<td>Residential Air Conditioning</td>
<td>96</td>
<td>$352</td>
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</table>

### Machining Technology

<table>
<thead>
<tr>
<th>Course Description</th>
<th>Hours</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Machinist (NIMS)</td>
<td>208</td>
<td>$2,902</td>
</tr>
<tr>
<td>Machine Shop, Basic</td>
<td>80</td>
<td>$1,144</td>
</tr>
<tr>
<td>Blueprint Reading and Sketching</td>
<td>48</td>
<td>$659</td>
</tr>
<tr>
<td>Machine Shop Mathematics</td>
<td>64</td>
<td>$867</td>
</tr>
<tr>
<td>Work Skills for the Workplace</td>
<td>16</td>
<td>$232</td>
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</table>

<table>
<thead>
<tr>
<th>Course Description</th>
<th>Hours</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Machine Tool (CNC) Operator</td>
<td>384</td>
<td>$5,295</td>
</tr>
<tr>
<td>Prerequisite: Machinist Certificate</td>
<td>208</td>
<td>$2,902</td>
</tr>
<tr>
<td>CNC Machine Controls, Fundamentals</td>
<td>48</td>
<td>$659</td>
</tr>
<tr>
<td>Operation of CNC Turning Centers</td>
<td>64</td>
<td>$867</td>
</tr>
<tr>
<td>Operation of CNC Machining Centers</td>
<td>64</td>
<td>$867</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Description</th>
<th>Hours</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Machinist Master Certificate (NIMS)</td>
<td>384</td>
<td>$5,295</td>
</tr>
<tr>
<td>Machinist Certificate</td>
<td>208</td>
<td>$2,902</td>
</tr>
<tr>
<td>Machine Tool (CNC) Operator</td>
<td>176</td>
<td>$2,393</td>
</tr>
</tbody>
</table>

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National Institute for Metalworking Skills®

Courses and Programs are subject to change. Visit LoneStar.edu/CTE for the most current information. Register for classes online at LoneStar.edu/CTE

Questions? Email LSCCE@LoneStar.edu
Construction Trades Orientation
CNBTC 70000001 2 Contact Hours $0
This orientation will give students an overview of the courses within Construction Trades and the resources available for their success at Lone Star College.

LSC-North Harris
6755 CNBTC 70000001 1003 W 6/21 10 am-Noon CNBD 101
6756 CNBTC 70000001 1004 W 7/12 10 am-Noon CNBD 101
6757 CNBTC 70000001 1005 W 7/26 10 am-Noon CNBD 101
6758 CNBTC 70000001 1006 W 8/9 10 am-Noon CNBD 101

IADC Gateway Oil & Gas Orientation
PTRXC 70000002 1 Contact Hour $0
One hour session to help students know what is necessary to be a part of the oil and gas class.

LSC-University Park
6976 PTRXC 70000002 6001 T 7/11 Noon-1 pm
6977 PTRXC 70000002 6002 T 7/11 6:30 pm-7:30 pm
15799 PTRXC 70000001 6001 T 9/26 Noon-1 pm
15800 PTRXC 70000002 6002 T 9/26 6:30 pm-7:30 pm
15875 PTRXC 70000002 6003 T 12/12 Noon-1 pm
15876 PTRXC 70000002 6004 T 12/12 6:30 pm-7:30 pm

Mechatronics Orientation
INMXC 70000002 1 Contact Hour $0
One hour session to help students know what is necessary to be a part of the mechatronics program.

LSC-University Park
6974 INMXC 70000002 6001 T 7/11 Noon-1 pm
6975 INMXC 70000002 6002 T 7/11 6:30 pm-7:30 pm
15795 INMXC 70000002 6001 T 9/26 Noon-1 pm
15797 INMXC 70000002 6002 T 9/26 6:30 pm-7:30 pm
15871 INMXC 70000002 6003 T 12/12 Noon-1 pm
15872 INMXC 70000002 6004 T 12/12 6:30 pm-7:30 pm

Basic Pipefitting Skills NCCER
PFPBC 2100801 80 Contact Hours $1075
Mathematical operations necessary to calculate laying lengths of pipe fittings for fabrication. Identification and use of hand tools and power tools. Identification of pipe, pipe fittings, flanges, and fasteners used in the trade.

LSC-North Harris
1013 PFPBC 2100801 1019 M-Th 6/26-7/17 7:30 am-3:30 pm APTC 140
No class 07/03/17 and 07/04/17.
1015 PFPBC 2100801 1020 M-Th 8/3-8/21 7:30 am-3:30 pm APTC 140
1015 PFPBC 2100801 1020 F 8/18 7:30 am-3:30 pm APTC 140
9258 PFPBC 2100801 1003 M-Th 9/25-10/11 7:30 am-3:30 pm NCCER Pipefitting Grant
9261 PFPBC 2100801 1004 M-Th 11/15-12/6 7:30 am-3:30 pm NCCER Pipefitting Grant

Construction Methods & Materials I NCCER
CNBTC 2101106 73 Contact Hours $984
This course develops a foundation for construction skilled construction trade training. It covers basic job site safety, identification and safe use of construction and hand tools and power tools, reading construction drawings, construction math, rigging equipment identification and the safe use of rigging equipment, and job site communication skills.

LSC-North Harris
1014 CNBTC 2101106 1020 M-Th 7/18-8/2 7:30 am-3:30 pm APTC 115
NCER Pipefitting.
6780 CNBTC 2101106 1026 M-Th 7/24-8/8 7:30 am-3:30 pm NCCER HVAC.
9230 CNBTC 2101106 1001 M-Th 9/6-9/21 7:30 am-3:30 pm NCCER Welding. Department consent required. Contact the CTE office at a LSC campus to register.
9236 CNBTC 2101106 1003 M-Th 9/6-9/21 7:30 am-3:30 pm NCCER Pipefitting Grant. Department consent required. Contact the CTE office at a LSC campus to register.
9240 CNBTC 2101106 1005 M-Th 9/25-10/10 7:30 am-3:30 pm NCCER HVAC. Department consent required. Contact the CTE office at a LSC campus to register.
9232 CNBTC 2101106 1002 M-Th 10/2-10/17 7:30 am-3:30 pm NCCER Ironworking. Department consent required. Contact the CTE office at a LSC campus to register.
9238 CNBTC 2101106 1004 M-Th 10/30-11/14 7:30 am-3:30 pm NCCER Pipefitting Grant. Department consent required. Contact the CTE office at a LSC campus to register.
Construction Methods & Materials II NCCER
CNBTC 2200401 110 Contact Hours $1465
Continuation of the study of the properties of building materials, methods and equipment for their integrated use in completing construction projects.

LSC-North Harris
9252 CNBTC 2200401 1002 M-Th 10/18-11/13 7:30 am-3:30 pm
NCCER Ironworking.

Forklift Certification
CNSEC 1100304 10 Contact Hours $154
Information and training for forklift operators including forklift design, controls and instrumentation, comprehensive pre-use inspection, and forklift stability and factors affecting stability. Includes hands-on training and demonstration of proficiency. Providing a Train the Trainer Workshop.

LSC-University Park
4952 CNSEC 1100304 6001 F 9/8 7 am-4 pm UP-EMI 110
1 hour lunch included.
4954 CNSEC 1100304 6002 F 10/13 7 am-4 pm UP-EMI 110
1 hour lunch included.
4956 CNSEC 1100304 6003 F 11/10 7 am-4 pm UP-EMI 110
1 hour lunch included.
4957 CNSEC 1100304 6004 F 12/8 7 am-4 pm UP-EMI 110
1 hour lunch included.

Refrigeration Principles NCCER
HARTC 2100705 120 Contact Hours $1595
An introduction to the refrigeration cycle, heat transfer theory, temperature/pressure relationship, refrigerant handling, refrigeration components, and safety.

LSC-North Harris
6781 HARTC 2100705 1026 M-Th 8/9/20 12:30 pm-5:30 pm
NCCER HVAC.
9262 HARTC 2100705 1005 M-Th 10/11-11/21 12:30 pm-5:30 pm
NCCER HVAC.

HVAC Basics
MAIRC 1102102 40 Contact Hours $544
An introduction to routine maintenance and minor repairs on residential and light commercial heating, ventilation, and air conditioning systems. Inspection of gas/electrical lines, cleaning systems and filter replacement, lighting pilots, lubrication, and replacement of belts. Instruction in the laws and restrictions involving service to central units.

LSC-University Park
6278 MAIRC 1102102 6103 TW 7/11-7/12 8 am-4 pm UP-EMI 112
30 minute lunch included.
3933 MAIRC 1102102 6101 M-Thu 10/2-10/3 8 am-4 pm UP-EMI 112
30 minute lunch included.

Industrial Automation
INMTC 2101700 80 Contact Hours $328
Applications of industrial automation systems including identification of system requirements, equipment integration, motors, controllers, and sensors. Coverage of set-up, maintenance, and testing of the automated system. This course is linked to INMT 1417.

LSC-University Park
12449 INMTC 2101700 6001 W 8/28-12/17 6 pm-7:20 pm UP-EMI 232
Lab INMTC 2101700 6002 W 8/28-12/17 7:30 pm-8:20 pm UP-EMI 232
This class requires independent online work and face to face class participation. Internet access is required. Instruction Type: Hybrid, Internet

Introduction to Manufacturing
INMTC 1109130 24 Contact Hours $336
Topics address recently identified current events, skills, knowledge, and/or attitudes and behaviors pertinent to the technology or occupation and relevant to the professional development of the student. This course was designed to be repeated multiple times to improve student proficiency.

LSC-University Park
6332 INMTC 1109130 6101 AW 7/24-7/26 8 am-4 pm UP-EMI 112
30 minute lunch included.
6299 INMTC 1109130 6001 AW 10/16-10/18 8 am-4 pm UP-EMI 112
30 minute lunch included.

Principles of Automatic Control
INTCC 2104101 80 Contact Hours $249
Basic measurements, automatic control systems and design, closed loop systems, controllers, feedback, control modes, and control configurations. This course is linked to INTC 1341.

LSC-University Park
12487 INTCC 2104101 6001 Th 8/28-12/17 6:30 pm-7:25 pm UP-EMI 232
Lab INTCC 2104101 6002 Th 8/28-12/17 7:30 pm-8:50 pm UP-EMI 232
This class requires independent online work and face to face class participation. Internet access is required. Instruction Type: Hybrid, Internet
12489 INTCC 2104101 6003 F 8/28-12/17 3 pm-3:55 pm UP-EMI 232
Lab INTCC 2104101 6004 F 8/28-12/17 4 pm-5:20 pm UP-EMI 232
This class requires independent online work and face to face class participation. Internet access is required. Instruction Type: Hybrid, Internet

Register for classes online at LoneStar.edu/CTE Questions? Email LSCCE@LoneStar.edu
Programmable Logical Controllers
ELPTC 1100306  40 Contact Hours  $544
Basic hardware and software applications for industrial Programmable Logic Controllers (PLC). Includes power supplies, discrete Input/Output (I/O) modules, programming devices, processors, basic logic elements, timers, and counters.
LSC-University Park
6275 ELPTC 1100306 6103 M-Th 6/29/10 8 am-4 pm  UP-ENI 112
30 minute lunch included.
3922 ELPTC 1100306 6101 M-Th 9/21/28 8 am-4 pm  UP-ENI 112
30 minute lunch included.

AutoCAD, Introduction
DFTGC 2101401  32 Contact Hours  $440
Topics include CAD equipment selection and interface; software selection and installation; creating, editing and plotting of line drawings for architectural, electrical, circuit, mechanical, or interior design; create/modify graphic elements, storing and retrieving predefined components; and adding text and dimensions.
LSC-CyFair
3482 DFTGC 2101401 5001 M-Su 8/26/30
Instruction Type: Online
3491 DFTGC 2101401 5002 M W 8/28/25 6 pm-10 pm
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Kingwood
8421 DFTGC 2101401 2001 T-Th 9/5-11/16 6:30 pm-9:30 pm  CLA 106
Class dismisses one hour early during one session.
8438 DFTGC 2101401 2002 M 9/11-10/20
Student must have access to the Internet, an email account, and the current version of the software being used. Scan and e-mail the completed registration form to LSCKCE@LoneStar.edu or fax it to 281.312.1612. Call 281.312.1660 for more information. Instruction Type: Online
8439 DFTGC 2101401 2003 M 9/11-11/20 6:30 pm-9:30 pm  CLA 106
Class dismisses one hour early during one session.

LSC-Montgomery
2309 DFTGC 2101401 4001 M W 9/11-10/4 6 pm-10 pm  MCE E203
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-North Harris
2495 DFTGC 2101401 1001 M W 8/28/25 6 pm-10 pm  DTEC 103

LSC-University Park
4946 DFTGC 2101401 6001 T-Th 9/5-10/5 6 pm-9:15 pm  UP-ENI 143
Class will dismiss 30 minutes early on last day of course.

AutoCAD, Intermediate
DFTGC 1105000  32 Contact Hours  $440
Topics include applications; creating, sorting, and retrieving predefined components; placing, rotating, and scaling components; modifying; rubber banding; adding text and dimensions to drawings; multilayering drawings, grids, orthogonal mode; data storage format for writing auxiliary programs; input and output devices; resolution and physical limitations. Textbook required.
LSC-CyFair
1839 DFTGC 1105000 5001 M-Su 6/19/7/20
Department consent required. Contact the CTE office at a LSC campus to register.
Instruction Type: Online
3492 DFTGC 1105000 5002 M-W 9/27/10/23 6 pm-10 pm
Department consent required. Contact the CTE office at a LSC campus to register.
3489 DFTGC 1105000 5001 M-Su 10/7-11/11
Department consent required. Contact the CTE office at a LSC campus to register.
Instruction Type: Online

LSC-Kingwood
8418 DFTGC 1105000 2001 T-Th 10/12-11/25 6:30 pm-9:30 pm  CLA 106
Class dismisses one hour early during one session.
8429 DFTGC 1105000 2002 M 10/23-12/8
Student must have access to the Internet, an email account, and the current version of the software being used. Scan and e-mail the completed registration form to LSCKCE@LoneStar.edu or fax it to 281.312.1612. Call 281.312.1660 for more information. Instruction Type: Online

LSC-Montgomery
1283 DFTGC 1105000 4001 M W 6/26/7/19 6 pm-10 pm  MCE E203
Class Topic: AutoCAD, Intermediate Department consent required. Contact the CTE office at a LSC campus to register.
2310 DFTGC 1105000 6001 M W 10/9-11/1 6 pm-10 pm  MCE E203
Department consent required. Contact the CTE office at a LSC campus to register. AutoCAD Intro required.

LSC-North Harris
2496 DFTGC 1105000 1001 M W 10/9-11/1 6 pm-10 pm  DTEC 103

LSC-University Park
4562 DFTGC 1105000 6001 M W 6/3-11/9 6 pm-9:15 pm  UP-ENI 143
Class will dismiss 30 minutes early on last day of course.

AutoCAD, Advanced
DFTGC 1200400  32 Contact Hours  $440
Two- and three-dimensional drawings using three-dimensional display options and specifying user-defined coordinate systems. Prerequisites: AutoCAD, Intermediate. Textbook required.
LSC-CyFair
1843 DFTGC 1200400 5002 M W 7/12/8/7 6 pm-10 pm  CASA 219
Department consent required. Contact the CTE office at a LSC campus to register.
1846 DFTGC 1200400 5003 T-Th 7/13/8/8 6 pm-10 pm  CASA 219
Department consent required. Contact the CTE office at a LSC campus to register.
1840 DFTGC 1200400 5001 M-Su 7/24/8/17
Department consent required. Contact the CTE office at a LSC campus to register. Instruction Type: Online
3493 DFTGC 1200400 5002 M W 10/25-11/20 6 pm-10 pm
Department consent required. Contact the CTE office at a LSC campus to register.
3490 DFTGC 1200400 5001 M-Su 11/18-12/16
Department consent required. Contact the CTE office at a LSC campus to register. Instruction Type: Online

LSC-Montgomery
1281 DFTGC 1200400 4001 M W 7/31/8/23 6 pm-10 pm  MCE E203
Department consent required. Contact the CTE office at a LSC campus to register.
2311 DFTGC 1200400 4001 M W 11/6-12/4 6 pm-10 pm
Department consent required. Contact the CTE office at a LSC campus to register. Closed 11/22 to 11/26.

LSC-North Harris
1129 DFTGC 1200400 1001 M W 7/24/8/16 6 pm-10 pm  DTEC 103
2497 DFTGC 1200400 1001 M W 11/13-12/11 6 pm-10 pm  DTEC 103

LSC-University Park
4563 DFTGC 1200400 6001 T-Th 8/1-9/1 6 pm-9:15 pm  UP-ENI 143
4949 DFTGC 1200400 6001 T-Th 11/14-12/14 6 pm-9:15 pm  UP-ENI 143
Class will dismiss 30 minutes early on last day of course.
Energy, Manufacturing & Skilled Trades

Commercial Wiring
ELPTC 2104501 80 Contact Hours $249
Commercial wiring methods. Includes overcurrent protection, raceway panel board installation, proper grounding techniques, and associated safety procedures. Participants must have high school diploma, successful completion of the GED or be in the early admissions program. This course is linked to ELPT 1345. Prerequisite: ELPT 1325.

LSC-Creekside Center
10041 ELPTC 2104501 K001 Tth 10/23-12/17 6:30 pm-8:10 pm
Lab ELPTC 2104501 K002 Tth 10/23-12/17 8:20 pm-10:50 pm CS 114
For more information, contact Antonius.L.Bom@lonestar.edu.

Electrical Calculations I
ELPTC 2101501 48 Contact Hours $249
Introduction to mathematical applications utilized to solve problems in the electrical field. Topics include fractions, decimals, percentages, simple equations, ratio and proportion, unit conversions, and applied geometry. This course is linked to ELPT 1315.

LSC-Creekside Center
10006 ELPTC 2101501 K001 10/23-12/17
For more information, contact Antonius.L.Bom@lonestar.edu. Instruction Type: Online

Electrical Safety and Tools, Introduction
ELPTC 2102101 64 Contact Hours $249
Safety rules and regulations. Includes the selection, inspection, use, and maintenance of common tools for electricians. This course is linked to ELPT 1321.

LSC-Creekside Center
10019 ELPTC 2102101 K001 Tth 8/28/10/22 6:30 pm-9 pm
Lab ELPTC 2102101 K002 Tth 8/28/10/22 9:10 pm-10 pm CS 114
For more information, contact Antonius.L.Bom@lonestar.edu.

Electrical Systems Design
ELPTC 2204301 80 Contact Hours $204
Electrical design of commercial and/or industrial projects including building layout, types of equipment, placement, sizing of electrical equipment, and all electrical calculations according to the requirements of the National Electrical Code (NEC). This course is linked to ELPT 2343.

LSC-Creekside Center
6572 ELPTC 2204301 K001 MW 7/138/20 6 pm-8:45 pm CS 143
Lab ELPTC 2204301 K002 MW 7/138/20 8:55 pm-11:55 pm CS 114
Department consent required. Contact the CTE office at a LSC campus to register.

Electrical Theory, Basic
ELPTC 2101101 64 Contact Hours $249
A comprehensive overview of safety rules and regulations and the selection, inspection, use and maintenance of common tools for electricians. This course is linked to ELPT 1311.

LSC-Creekside Center
6565 ELPTC 2101101 K001 Tth 7/138/20 6 pm-9:50 pm CS 143
Lab ELPTC 2101101 K002 Tth 7/138/20 10 pm-11:10 pm CS 114
For more information, contact Antonius.L.Bom@lonestar.edu. Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Tomball
9998 ELPTC 2101101 K001 Tth 10/23-12/17 4:10 pm-5 pm CS 114

IADC RigPass® for Industry
PTRTC 1202502 8 Contact Hours $228
Various hazards associated with the petroleum industry.

LSC-University Park
8174 PTRTC 1202502 6001 F 9/1 8 am-5 pm UPEMI 214
1 hour lunch included.
8176 PTRTC 1202502 6002 F 9/22 8 am-5 pm UPEMI 214
1 hour lunch included.
8178 PTRTC 1202502 6003 F 10/20 8 am-5 pm UPEMI 214
1 hour lunch included.
8182 PTRTC 1202502 6004 F 11/17 8 am-5 pm UPEMI 214
1 hour lunch included.

Mechanical Skills, Basic
ENERC 1103001 48 Contact Hours $659
Basic mechanical skills using hand and power tools in an industrial environment. Topics include tool use and maintenance, lubrication, measuring, threaded and fasteners, bench works, basic mechanical drawings, and basic shop calculations (English and metric). Also addresses rigging procedures to include chain falls, jacks, cable, fulcrum, port-a-power, and come-alongs.

LSC-University Park
6423 ENERC 1103001 6002 M-Th 6/19/6/27 8 am-5 pm UPEMI 112
1 hour lunch included.
6520 ENERC 1103001 6005 M-Th 7/11/7/31 8 pm-10 pm UPEMI 112
6339 ENERC 1103001 6102 M-Th 8/17/8/28 8 am-4 pm UPEMI 112
30 minute lunch included.
5044 ENERC 1103001 6001 M-Th 8/24/9/5 8 am-5 pm UPEMI 112
1 hour lunch included.
5066 ENERC 1103001 6002 M-Th 11/21/13 8 am-5 pm UPEMI 112
1 hour lunch included.
6347 ENERC 1103001 6003 M-Th 11/9/11/20 8 am-4 pm UPEMI 112
30 minute lunch included.

National Electrical Code I
ELPTC 2102501 48 Contact Hours $249
An introductory study of the National Electric Code (NEC) for those employed in fields requiring knowledge of the Code. Emphasis on wiring design, protection, methods, and materials; equipment for general use; and basic calculations. This course is linked to ELPT 1325.

LSC-Creekside Center
10025 ELPTC 2102501 K001 10/23-12/17
For more information, contact Antonius.L.Bom@lonestar.edu. Instruction Type: Online
National Electrical Code II
ELPTC 2202502 48 Contact Hours $249
In-depth coverage of the National Electrical Code (NEC) for those employed in fields requiring knowledge of the Code. Emphasis on wiring protection and methods, special conditions, and advanced calculations. This course is linked to ELPT 2325. Prerequisite: National Electrical Code I, ELPTC 2102501 or ELPTC 1325.
LSC-Creekside Center
10056 ELPTC 2202502 K01 8/28-10/22
For more information, contact Antonius.L.Bom@lonestar.edu.

Residential Wiring
ELPTC 2102903 80 Contact Hours $259
Wiring methods for single family and multi-family dwellings. Includes load calculations, service entrance sizing, proper grounding techniques, and associated safety procedures. This course is linked to ELPT 1329. Prerequisites: Completion of ELPT 1325.
LSC-Creekside Center
10034 ELPTC 2102903 K01 TTh 8/28-10/22 1:30 pm-3:10 pm
For more information, contact Antonius.L.Bom@lonestar.edu.

Solar Photovoltaic Systems Design
ELMTC 2100201 64 Contact Hours $249
Design and installation of solar photovoltaic systems (panels) and their applications. This course is linked to ELMT 1302.
LSC-Creekside Center
6560 ELMTC 2100201 K001 MW 7/13-8/20 1:30 pm-4:20 pm CS 142
For more information, contact Antonius.L.Bom@lonestar.edu. Department consent required. Contact the CTE office at a LSC campus to register.
9981 ELMTC 2100201 K002 MW 7/13-8/20 4:30 pm-7:20 pm CS 142
9982 ELMTC 2100201 K002 MW 10/23-12/17 3:20 pm-4:40 pm CS 114

SolidWorks I
DFTGC 2109120 30 Contact Hours $414
Topics address recently identified current events, skills, knowledge, and/or attitudes and behaviors pertinent to the technology or occupation and relevant to the professional development of the student. This course was designed to be repeated multiple times to improve student proficiency. Addresses training in the design software SolidWorks.
LSC-CyFair
1514 DFTGC 2109120 5001 MW 6/26-7/26 6 pm-9 pm
Department consent required. Contact the CTE office at a LSC campus to register.
3495 DFTGC 2109120 5001 MW 9/25-10/25 6 pm-10 pm
Department consent required. Contact the CTE office at a LSC campus to register.
LSC-North Harris
2498 DFTGC 2109120 1001 TTh 9/19-10/19 6 pm-9 pm DTEC 103
LSC-University Park
4559 DFTGC 2109120 6001 TTh 6/20-7/6 6 pm-10 pm UPEMI 243
4993 DFTGC 2109120 6001 TTh 8/29-9/21 6 pm-10 pm UPEMI 243
4996 DFTGC 2109120 6002 TTh 10/24-11/16 6 pm-10 pm UPEMI 243

SolidWorks II
DFTGC 1109101 30 Contact Hours $414
This course was designed to be repeated multiple times to improve student proficiency. This course addresses training in a more advanced level of the design software SolidWorks. Textbook required.
LSC-CyFair
1515 DFTGC 1109101 5001 MW 7/31-8/30 6 pm-9 pm
Department consent required. Contact the CTE office at a LSC campus to register.
3498 DFTGC 1109101 5001 MW 10/20-12/6 6 pm-10 pm
Department consent required. Contact the CTE office at a LSC campus to register.
LSC-North Harris
11964 DFTGC 1109101 1001 TTh 10/24-11/28 6 pm-9 pm DTEC 103
LSC-University Park
4560 DFTGC 1109101 6001 TTh 7/11-7/26 6 pm-10 pm UPEMI 243
4998 DFTGC 1109101 6001 TTh 9/26-10/19 6 pm-10 pm UPEMI 243
4999 DFTGC 1109101 6002 TTh 11/28-12/21 6 pm-10 pm UPEMI 243

Information Sessions for Mechatronics

What is Mechatronics? Join us for a question and answer session with industry experts. Information sessions will be held at Lone Star College-University Park Energy and Manufacturing Institute Foyer.

- July 11, 2017
- September 26, 2017
- October 10, 2017
- November 14, 2017
- December 12, 2017
Times: Noon - 1 p.m. & 6:30-7:30 p.m.
Machining

Blueprint Reading and Sketching
DFTGC 2102506 48 Contact Hours $659
An introduction to reading and interpreting working drawings for fabrication processes and associated trades. Use of sketching techniques to create pictorial and multiple-view drawings.

LSC-University Park
14353 DFTGC 2102506 6001 M-Th 9/11/25 12:30 pm-4:30 pm UPEMI 119
14354 DFTGC 2102506 6002 M-Th 11/2-12/18 8 am-10 pm UPEMI 119

Basic Machine Shop I
MCHNC 2103806 80 Contact Hours $1144
An introductory course that assists the student in understanding the machinist occupation in industry. The student begins by using basic machine tools such as the lathe, milling machine, drill press, power saw, and bench grinder. Machine terminology, theory, math, part layout, and bench work using common measuring tools is included. Emphasis is placed on shop safety, housekeeping, and preventative maintenance. Prerequisite: Blueprint Reading & Sketching and Machine Shop Mathematics. Prerequisite: None.

LSC-Conroe Center
6951 MCHNC 2103806 C001 M-Th 6/27-8/1 6 pm-10 pm CC 302A Department consent required. Contact the CTE office at a LSC campus to register. No Class 7/4/17.

LSC-University Park
14356 MCHNC 2103806 6001 M-Th 10/9-10/24 8:30 am-4:30 pm UPEMI 119

CNC Machine Controls, Fundamentals
MCHNC 2200301 48 Contact Hours $659
An introduction to G and M codes (RS274-D) necessary to program Computer Numerical Controlled (CNC) machines. Emphasis is placed on lathe and mill programming techniques and structures, CNC controller types and overall machine operation. Prerequisite: Basic Machine Shop (MCHNC 2103805). This course also prepares the student to take the accredited NIMS exam for Machinist.

LSC-Conroe Center
2552 MCHNC 2200301 C001 M-Th 8/7-9/13 6 pm-10 pm CC 302A Department consent required. Contact the CTE office at a LSC campus to register. Closed 7/4/17.

LSC-University Park
3970 MCHNC 2200301 6002 M-Th 6/20-7/11 6 pm-10 pm UPEMI 110
14357 MCHNC 2200301 6001 M-Th 10/30-11/7 8:30 am-4:30 pm UPEMI 110

Machine Shop Mathematics
MCHNC 2104304 64 Contact Hours $867
Designed to prepare the student with technical, applied mathematics necessary in future machine shop-related courses. This course is a component of the preparation for the Machinist Workforce Certificate as well as a component of the Master Machinist Certificate. This course is a component of the preparation for the national accredited NIMS Exam for Machinist.

LSC-University Park
14352 MCHNC 2104304 6002 M-Th 9/7-11/1 6 pm-8 pm UPEMI 119
Machine Shop Mathematics should be taken in conjunction with Blueprint Reading and Sketching.
14351 MCHNC 2104304 6001 M-Th 9/11-10/5 8:30 am-Noon UPEMI 119
Machine Shop Mathematics should be taken in conjunction with Blueprint Reading and Sketching.

Operation of CNC Machining Centers
MCHNC 2203403 64 Contact Hours $867

LSC-University Park
3964 MCHNC 2203403 6001 M-Th 9/11-9/28 12:30 pm-4:30 pm UPEMI 110
3974 MCHNC 2203403 6002 M-Th 8/9-9/6 6 pm-10 pm UPEMI 110
14359 MCHNC 2203403 6001 M-Th 11/29-12/12 8:30 am-4:30 pm UPEMI 110

Now is the time to train as a Machinist or a Computerized Numeric Control Operator.

- Above average pay
- New career opportunities
- Manual mill, lathe
- CNC training – turning centers, machining centers

Financial assistance is available
LSC-University Park
20515 SH 249 • Houston, TX 77070

For information, contact LSCUPCE@LoneStar.edu
Operation of CNC Turning Centers
MCHNC 2203102 64 Contact Hours $867

LSC-Conroe Center
2554 MCHNC 2203102 C001 M-Th 7/24/17 6 pm-10 pm CC 302A
Department consent required. Contact the CTE office at a LSC campus to register.
3374 MCHNC 2203102 C001 M-Th 9/18/10/24 6 pm-10 pm CC 302A
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Upark
3971 MCHNC 2203102 6002 M-Th 7/12/8 6 pm-10 pm UP-EMI 110
1 hour lunch included.
14358 MCHNC 2203102 6001 M-Th 11/8/11/28 8:30 am-4:30 pm UP-EMI 110
No class Thanksgiving week 11/19/17.

IADC RigPass® Petroleum Safety and Environmental Hazards
PTRTC 1202500 8 Contact Hours $149
Various hazards associated with the petroleum industry.

LSC-University Park
4102 PTRTC 1202500 6003 M-Th 6/28/7/3 6 pm-9 pm UPEMI 214
1 hour lunch included.
6426 PTRTC 1202500 6004 Th 7/20 8 am-5 pm UPEMI 214
1 hour lunch included.
1169 PTRTC 1202500 6002 M-Th 8/38/8 6 pm-9 pm UPEMI 214
1 hour lunch included.
6127 PTRTC 1202500 6003 M-Th 9/139/14 6 pm-10 pm UPEMI 214
1 hour lunch included.
5048 PTRTC 1202500 6001 W 9/27 8 am-5 pm UPEMI 214
1 hour lunch included.
5072 PTRTC 1202500 6002 Th 12/7 8 am-5 pm UPEMI 214
1 hour lunch included.

IADC WellSharp®
PTRTC 1109105 24 Contact Hours $336
Topics address recently identified current events, skills, knowledge, and/or attitudes and behaviors pertinent to the technology or occupation and relevant to the professional development of the student. This course was designed to be repeated multiple times to improve student proficiency.

LSC-University Park
4103 PTRTC 1109105 6003 M-Th 7/57/18 6 pm-9 pm UPEMI 214
1 hour lunch included.
6427 PTRTC 1109105 6004 M-Th 7/247/26 8 am-5 pm UPEMI 214
1 hour lunch included.
1170 PTRTC 1109105 6002 M-Th 8/98/22 6 pm-9 pm UPEMI 214
1 hour lunch included.
6128 PTRTC 1109105 6003 M-Th 9/189/26 6 pm-10 pm UPEMI 214
1 hour lunch included.
5050 PTRTC 1109105 6001 M-Th 9/2810/3 8 am-5 pm UPEMI 214
1 hour lunch included.
8193 PTRTC 1109105 6004 M-Th 9/2810/3 8 am-5 pm UPEMI 214
1 hour lunch included.
5073 PTRTC 1109105 6002 M-Th 12/1112/13 8 am-5 pm UPEMI 214
1 hour lunch included.
8194 PTRTC 1109105 6005 M-Th 12/1112/13 8 am-5 pm UPEMI 214
1 hour lunch included.

Industrial Maintenance, Introduction
INMTC 1100501 96 Contact Hours $1283
Basic mechanical skills and repair techniques common to most fields of industrial maintenance. Topics include precision measuring instruments and general safety rules common in industry, including lock-out/tag-out.

LSC-University Park
6335 INMTC 1100501 6101 M-Th 7/278/16 8 am-4 pm UPEMI 112
30 minute lunch included.
6466 INMTC 1100501 6002 M-Th 8/38/23 8 am-5 pm UPEMI 111
1 hour lunch included.
5062 INMTC 1100501 6001 M-Th 10/1211/1 8 am-5 pm UPEMI 111
1 hour lunch included.
6336 INMTC 1100501 6002 M-Th 10/1911/8 8 am-4 pm UPEMI 112
30 minute lunch included.
Welding

Blueprint Reading for Welders
DFTGC 2102301 32 Contact Hours $440

Symbols/graphic language required in the interpretation of working drawings for specific occupations. Reading and interpreting blueprints including information on computer-aided design and computer numerical control. Students will develop the skills needed to interpret all types of working sketches and prints, from the simplest to the most complex, through step-by-step instructions. Both AWS and ISO welding symbols are covered, as well as auxiliary views, detail views, projections, sections, and detail and assembly drawings. Other topics covered include pipe welding symbols, metric and dual dimensioning, bills of materials, ISO for welding, and first and third angle orthographic projection. This course is designed as a component to prepare the student take the American Welding Society Certification Exam.

LSC-Conroe Center
2426 DFTGC 2102301 C001 TTh 9/5/28 6 pm-8 pm CC 215
Department consent required. Contact the CTE office at a LSC campus to register.
2458 DFTGC 2102301 C002 TTh 10/11/2 6 pm-8 pm CC 215
Department consent required. Contact the CTE office at a LSC campus to register.
2464 DFTGC 2102301 C003 TTh 11/14/12 6 pm-8 pm CC 215
Department consent required. Contact the CTE office at a LSC campus to register.

Fundamentals of Oxy-Fuel Welding/Cutting NCCER
WLDGC 2100401 40 Contact Hours $555

Oxy-fuel welding and cutting equipment. Includes equipment safety, setup, and maintenance. An introduction to oxy-fuel cutting, plasma cutting, carbon arc cutting and various joint designs. Fundamentals of thermal cutting. Includes equipment safety, setup, and maintenance.

LSC-North Harris
1016 WLDGC 2100401 1022 MTh 6/16/26 7:30 am-3:30 pm APTC 135
9243 WLDGC 2100401 1001 MTh 9/25-10/3 7:30 am-3:30 pm

Fundamentals of Oxy-Fuel Welding NCCER Ironwk
WLDGC 2100402 53 Contact Hours $724

Oxy-fuel welding and cutting equipment. Includes equipment safety, setup, and maintenance. An introduction to oxy-fuel cutting, plasma cutting, carbon arc cutting and various joint designs. Fundamentals of thermal cutting. Includes equipment safety, setup, and maintenance.

LSC-North Harris
12023 WLDGC 2100402 1001 MTh 11/14-11/28 7:30 am-3:30 pm

Gas Metal Arc Welding (GMAW)
WLDGC 2103004 80 Contact Hours $1315
Principles of gas metal arc welding, setup and use of Gas Metal Arc Welding (GMAW) and Flux Cored Arc Welding (FCAW) equipment, and safe use of tools/equipment. Instruction in various joint designs. This course covers manipulative skills in welding techniques, applications, and theory. Knowledge and skills in Gas Metal Arc Welding and Flux Cored Arc Welding using mild steel; perform fillet welds in the flat, horizontal, vertical, and overhead positions. Students work independently in the welding booth under the guidance of an instructor to meet and/or exceed the competencies.

Information Sessions
Oil and Gas
IADC® Gateway® Program

Are you looking for information about the oil and gas industry and our successful program? Join us for a question and answer session with industry experts. Information sessions will be held at Lone Star College-University Park Energy and Manufacturing Institute Foyer.

- July 11, 2017
- September 26, 2017
- October 10, 2017
- November 14, 2017
- December 12, 2017

Times: Noon - 1 p.m. & 6:30-7:30 p.m.
LSC-Victory Center
10705 WLDGC 2103004 V001 MW 8/28/11/6 8 am-9 am VC 111
Department consent required. Contact the CTE office at a LSC campus to register.

10705 WLDGC 2103004 V001 MW 8/28/11/6 9 am-Noon VC 111
Department consent required. Contact the CTE office at a LSC campus to register.

10706 WLDGC 2103004 V002 MW 8/28/11/6 5 pm-6 pm VC 111
Department consent required. Contact the CTE office at a LSC campus to register.

10706 WLDGC 2103004 V002 MW 8/28/11/6 6 pm-9 pm VC 111
Department consent required. Contact the CTE office at a LSC campus to register.

10709 WLDGC 2103004 V003 MW 11/8/2/7 8 am-Noon VC 111
Department consent required. Contact the CTE office at a LSC campus to register.

No class on 11/22/17 and 12/20/17.

10712 WLDGC 2103004 V004 MW 11/8/2/7 5 pm-9 pm VC 111
Department consent required. Contact the CTE office at a LSC campus to register.

No class on 11/22/17 and 12/20/17.

Gas Tungsten Arc Welding (GTAW)
WLDGC 2103404 80 Contact Hours $1315
Principles of gas tungsten arc welding (GTAW), including setup, GTAW equipment. Instruction in various positions and joint designs. This course covers advanced principles of welding with emphasis on special processes and special needs of students. The course is designed to familiarize students with the complexities of using the GTAW process. Each student will learn about different electrodes and the applications using various techniques to become knowledgeable in the welding process. Student purchases personal tools, supplies and workbook.

LSC-Conroe Center
5027 WLDGC 2103404 C006 Su 6/24/8/26 8 am-4:30 pm CC 300A
Department consent required. Contact the CTE office at a LSC campus to register. No class on 1/18.

1373 WLDGC 2103404 C003 TTh 6/27/8/11 6 pm-10 pm CC 300A
Department consent required. Contact the CTE office at a LSC campus to register.
Closed 7/4/17.

1369 WLDGC 2103404 C002 MTh 7/10/8/10 11 am-3 pm CC 300A
Department consent required. Contact the CTE office at a LSC campus to register.

1377 WLDGC 2103404 C004 TTh 8/8/9/7 6 pm-10 pm CC 300A
Department consent required. Contact the CTE office at a LSC campus to register. Closed 9/4/17.

2423 WLDGC 2103404 C001 MTh 8/21/9/25 11 am-3 pm CC 300A
Department consent required. Contact the CTE office at a LSC campus to register.

2445 WLDGC 2103404 C003 F 9/15/11/17 8 am-4:30 pm CC 300A
Department consent required. Contact the CTE office at a LSC campus to register.

2455 WLDGC 2103404 C005 Su 9/23/12/2 8 am-4:30 pm CC 300A
Department consent required. Contact the CTE office at a LSC campus to register.

2431 WLDGC 2103404 C002 TTh 9/26/12/5 6 pm-10 pm CC 300A
Department consent required. Contact the CTE office at a LSC campus to register. No class week of 3/14 - 3/18.

2451 WLDGC 2103404 C004 MTh 10/2/11/2 11 am-3 pm CC 300A
Department consent required. Contact the CTE office at a LSC campus to register.

2461 WLDGC 2103404 C006 MTh 11/6/12/12 11 am-3 pm CC 300A
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Victory Center
10715 WLDGC 2103404 V001 MW 8/28/11/6 8 am-9 am VC 111
Department consent required. Contact the CTE office at a LSC campus to register.

10715 WLDGC 2103404 V001 MW 8/28/11/6 9 am-Noon VC 111
Department consent required. Contact the CTE office at a LSC campus to register.

10716 WLDGC 2103404 V002 MW 8/28/11/6 5 pm-6 pm VC 111
Department consent required. Contact the CTE office at a LSC campus to register.
Pipe Welding

WLDGC 2104106 80 Contact Hours $1315
This course covers pipe welding techniques and applications. Student purchases personal tools, supplies and workbook.

LSC-Conroe Center
5028 WLDGC 2104106 C006 Sa 6/24/26 8 am-4:30 pm CC 300A
Department consent required. Contact the CTE office at a LSC campus to register.
No class on 1/18.
1374 WLDGC 2104106 C003 Th 6/27/8/1 6 pm-10 pm CC 300A
Department consent required. Contact the CTE office at a LSC campus to register.
Closed 7/4/17.
1370 WLDGC 2104106 C002 M-Th 7/10/8/10 11 am-3 pm CC 300A
Department consent required. Contact the CTE office at a LSC campus to register.
Closed 9/4/17.
2424 WLDGC 2104106 C001 M-Th 8/21/25 11 am-3 pm CC 300A
Department consent required. Contact the CTE office at a LSC campus to register.
2448 WLDGC 2104106 C003 F 9/15/11/17 8 am-4:30 pm CC 300A
Department consent required. Contact the CTE office at a LSC campus to register.
2456 WLDGC 2104106 C005 Sa 9/23/12/2 8 am-4:30 pm CC 300A
Department consent required. Contact the CTE office at a LSC campus to register.
2434 WLDGC 2104106 C002 Th 9/26/12/5 6 pm-10 pm CC 300A
Department consent required. Contact the CTE office at a LSC campus to register.
No class week of 3/14 - 3/18.
2452 WLDGC 2104106 C004 M-Th 10/21/11/2 11 am-3 pm CC 300A
Department consent required. Contact the CTE office at a LSC campus to register.
2462 WLDGC 2104106 C006 M-Th 11/6/12/12 11 am-3 pm CC 300A
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Victory Center
10725 WLDGC 2104106 V001 MW 8/28-11/6 8 am-Noon VC 111
Department consent required. Contact the CTE office at a LSC campus to register.
10729 WLDGC 2104106 V002 MW 8/28-11/6 5 pm-9 pm VC 111
Department consent required. Contact the CTE office at a LSC campus to register.
10732 WLDGC 2104106 V003 MW 11/8/2/7 8 am-Noon VC 111
Department consent required. Contact the CTE office at a LSC campus to register.
No class 11/22/17 and 12/20/17.
10735 WLDGC 2104106 V004 MW 11/8/2/7 5 pm-9 pm VC 111
Department consent required. Contact the CTE office at a LSC campus to register.
No class 11/22/17 and 12/20/17.

Shielded Metal Arc Welding (SMAW)

WLDGC 2102804 80 Contact Hours $1315
An introduction to the shielded metal arc welding process. Emphasis placed on power sources, electrode selection, oxy-fuel cutting, and various joint designs. Instruction provided in SMAW fillet welds in various positions. Students will develop knowledge and skills in the welding process; safety and health, use and care of hand tools, and five essentials of shielded metal arc, strike and control the arc, run a straight bead in the flat position, complete a series of beads, and restart a continuous bead and fill the crater; perform fillet welds in the flat, horizontal, vertical, and overhead positions; discuss electrode selection, power sources, and safety. Students work independently in the welding booth under the guidance of an instructor to meet and/or exceed the competencies. Break test may be used. Student purchases personal tools, supplies and workbook.

LSC-Conroe Center
5039 WLDGC 2102804 006 Sa 6/24/26 8 am-4:30 pm CC 300A
Department consent required. Contact the CTE office at a LSC campus to register.
No class on 1/18.
1371 WLDGC 2102804 003 Th 6/27/8/1 6 pm-10 pm CC 300A
Department consent required. Contact the CTE office at a LSC campus to register.
Closed 7/4/17.
1367 WLDGC 2102804 002 M-Th 7/10/8/10 11 am-3 pm CC 300A
Department consent required. Contact the CTE office at a LSC campus to register.
1375 WLDGC 2102804 004 Th 8/8/9/7 6 pm-10 pm CC 300A
Department consent required. Contact the CTE office at a LSC campus to register.
Closed 9/4/17.
2425 WLDGC 2102804 001 M-Th 8/21/9/25 11 am-3 pm CC 300A
Department consent required. Contact the CTE office at a LSC campus to register.
2449 WLDGC 2102804 003 F 9/15/11/17 8 am-4:30 pm CC 300A
Department consent required. Contact the CTE office at a LSC campus to register.
2457 WLDGC 2102804 005 Sa 9/23/12/2 8 am-4:30 pm CC 300A
Department consent required. Contact the CTE office at a LSC campus to register.
2436 WLDGC 2102804 002 Th 9/26/12/5 6 pm-10 pm CC 300A
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Victory Center
10624 WLDGC 2102804 V001 MW 8/28-11/6 8 am-9 am VC 111
Department consent required. Contact the CTE office at a LSC campus to register.
10624 WLDGC 2102804 V001 MW 8/28-11/6 9 am-Noon VC 111
Department consent required. Contact the CTE office at a LSC campus to register.
10645 WLDGC 2102804 V002 MW 8/28-11/6 5 pm-9 pm VC 111
Department consent required. Contact the CTE office at a LSC campus to register.
10653 WLDGC 2102804 V003 MW 11/8/2/7 8 am-Noon VC 111
Department consent required. Contact the CTE office at a LSC campus to register.
No class on 11/22/17 and 12/20/17.
10662 WLDGC 2102804 V004 MW 11/8/2/7 5 pm-9 pm VC 111
Department consent required. Contact the CTE office at a LSC campus to register.
No class on 11/22/17 and 12/20/17.

Transportation & Logistics

Commercial Drivers License Exam Preparation
CVOPC 2101500 16 Contact Hours $248
Preparation for the federally mandated Commercial Drivers License Examination. CDL Class “A”. This course is a component of the preparation required for testing and issuance of a commercial driver’s license, Class A from the Texas Department of Public Safety.

LSC-North Harris
1063 CVOPC 2101500 1062 M-Th 7/5/1/6 7 am-4:30 pm TRANS INST 102
Department consent required. Contact the CTE office at a LSC campus to register.
4666 CVOPC 2101500 1056 M-Th 7/31/8/1 7 am-4:30 pm TRANS INST 102
Department consent required. Contact the CTE office at a LSC campus to register.
1064 CVOPC 2101500 1066 M-Th 8/8/8/8 7 am-4:30 pm TRANS INST 102
Department consent required. Contact the CTE office at a LSC campus to register.
1017 CVOPC 2101500 1068 M-Th 9/9/9/11 7 am-4:30 pm TRANS INST 102
Department consent required. Contact the CTE office at a LSC campus to register.
1016 CVOPC 2101500 1064 M-Th 9/11/9/12 7 am-5 pm TRANS INST 102
Department consent required. Contact the CTE office at a LSC campus to register.
1018 CVOPC 2101500 1070 M-Th 11/20/12/1 7 am-5 pm TRANS INST 102
Department consent required. Contact the CTE office at a LSC campus to register.
Commercial Drivers License Written Skills
CVOPC 2100500 64 Contact Hours $931
Overview of the State of Texas Class A Commercial Drivers License written test. In-depth coverage of general knowledge, air brakes, combination vehicle, doubles and triples, tankers, and hazardous materials. Includes preparation for mastery of the Commercial Drivers License written examination.

LSC-North Harris
1047 CVOPC 2100500 1066 M-Th 6/26/7 7 am-4:30 pm TRANS INST 102
Department consent required. Contact the CTE office at a LSC campus to register.
1048 CVOPC 2100500 1068 M-Th 7/31/8 7 am-4:30 pm TRANS INST 102
Department consent required. Contact the CTE office at a LSC campus to register.
1049 CVOPC 2100500 1070 SaSu 8/19/17 7 am-5 pm TRANS INST 102
Department consent required. Contact the CTE office at a LSC campus to register.

Professional Truck Driver I
CVOPC 2101300 80 Contact Hours $1155
Overview of the State of Texas Class A Commercial Driver’s License written test. Includes presentation for mastery of the Commercial Driver’s License written examination, general truck driving skills with hands-on component, and instruction coordinated with the Department of Transportation. This course provides the trainee with the basic knowledge and skills test which includes pre-trip inspection, basic control skills test, straight line backing, parallel parking and alley docking. The purpose of the Commercial Driver’s License is to certify basic skills in actually operating a commercial vehicle. Day and weekend classes are available. For further information on how to register, please call 281.765.7750. Student support specialists will help you complete registration information. Commercial Driver’s License Written Skills, Professional Truck Driver I, Professional Truck Driver II, and Commercial Driver’s License Exam Preparation must be taken concurrently.

LSC-North Harris
1051 CVOPC 2101300 1064 SaSu 6/25/9 7 am-5 pm TRANS INST 102
Department consent required. Contact the CTE office at a LSC campus to register.
1052 CVOPC 2101300 1066 M-Th 7/10/4 7 am-4:30 pm TRANS INST 102
Department consent required. Contact the CTE office at a LSC campus to register.
1053 CVOPC 2101300 1068 M-Th 8/10/9 7 am-4:30 pm TRANS INST 102
Department consent required. Contact the CTE office at a LSC campus to register.
1054 CVOPC 2101300 1070 SaSu 9/17/19 7 am-5 pm TRANS INST 102
Department consent required. Contact the CTE office at a LSC campus to register.

Professional Truck Driver II
CVOPC 2104001 80 Contact Hours $1155
A continuation of Professional Truck Driver I. General truck driving with hands-on skill development and instruction coordinated with the Department of Transportation. This course provides the trainee with the basic knowledge and skills test which includes pre-trip inspection, basic control skills test, driving. The purpose of the Commercial Driver’s License is to certify basic skills in actually operating a commercial vehicle. Day and weekend classes are available. For further information on how to register, please call 281.765.7750. Student support specialists will help you complete registration information. Commercial Driver’s License Written Skills, Professional Truck Driver I, Professional Truck Driver II, and Commercial Driver’s License Exam Preparation must be taken concurrently.

LSC-North Harris
1056 CVOPC 2104001 1064 SaSu 6/25/9 7 am-5 pm TRANS INST 102
Department consent required. Contact the CTE office at a LSC campus to register.
1057 CVOPC 2104001 1065 SaSu 6/25/9 7 am-5 pm TRANS INST 102
Department consent required. Contact the CTE office at a LSC campus to register.
1058 CVOPC 2104001 1066 M-Th 7/10/4 7 am-4:30 pm TRANS INST 102
Department consent required. Contact the CTE office at a LSC campus to register.
1059 CVOPC 2104001 1067 M-Th 7/10/4 7 am-4:30 pm TRANS INST 102
Department consent required. Contact the CTE office at a LSC campus to register.
1060 CVOPC 2104001 1068 M-Th 8/10/7 7 am-4:30 pm TRANS INST 102
Department consent required. Contact the CTE office at a LSC campus to register.
1061 CVOPC 2104001 1069 M-Th 8/10/7 7 am-4:30 pm TRANS INST 102
Department consent required. Contact the CTE office at a LSC campus to register.
1062 CVOPC 2104001 1070 SaSu 9/17/19 7 am-5 pm TRANS INST 102
Department consent required. Contact the CTE office at a LSC campus to register.
1063 CVOPC 2104001 1071 SaSu 9/17/19 7 am-5 pm TRANS INST 102
Department consent required. Contact the CTE office at a LSC campus to register.
Professional Truck Driver II
CVOPC 1104001 120 Contact Hours $0
A continuation of Professional Truck Driver I. General truck driving with hands-on skill development and instruction coordinated with the Department of Transportation. Students will test at the Department of Public Safety and be issued upon successful completion a Commercial Driver License “A”.

LSC-North Harris
1088 CVOPC 1104001 1197 M/F 6/19/17 7:30 am-5:30 pm TRANS INST 101 Department consent required. Contact the CTE office at a LSC campus to register.
1089 CVOPC 1104001 1198 M/F 6/26/17 7:30 am-5:30 pm TRANS INST 101 Department consent required. Contact the CTE office at a LSC campus to register.
1090 CVOPC 1104001 1199 M/F 7/3/17 7:30 am-5:30 pm TRANS INST 101 Department consent required. Contact the CTE office at a LSC campus to register.
1091 CVOPC 1104001 1200 M/F 7/10/17 7:30 am-5:30 pm TRANS INST 101 Department consent required. Contact the CTE office at a LSC campus to register.
1092 CVOPC 1104001 1201 M/F 7/17/17 7:30 am-5:30 pm TRANS INST 101 Department consent required. Contact the CTE office at a LSC campus to register.
1093 CVOPC 1104001 1202 M/F 7/24/17 7:30 am-5:30 pm TRANS INST 101 Department consent required. Contact the CTE office at a LSC campus to register.
1094 CVOPC 1104001 1203 M/F 7/31/17 7:30 am-5:30 pm TRANS INST 101 Department consent required. Contact the CTE office at a LSC campus to register.
1095 CVOPC 1104001 1204 M/F 8/7/17 7:30 am-5:30 pm TRANS INST 101 Department consent required. Contact the CTE office at a LSC campus to register.
1096 CVOPC 1104001 1205 M/F 8/14/17 7:30 am-5:30 pm TRANS INST 101 Department consent required. Contact the CTE office at a LSC campus to register.
1097 CVOPC 1104001 1206 M/F 8/21/17 7:30 am-5:30 pm TRANS INST 101 Department consent required. Contact the CTE office at a LSC campus to register.
1098 CVOPC 1104001 1207 M/F 8/28/17 7:30 am-5:30 pm TRANS INST 101 Department consent required. Contact the CTE office at a LSC campus to register.

For more information contact:
Jim Nutt
281.290.2775
Jim.Nutt@LoneStar.edu

Learn. Succeed. Comp.
9374 CVOPC 1104001 1002 MF 9/5-9/22 7:30 am-5:30 pm TRANS INST 101 Department consent required. Contact the CTE office at a LSC campus to register.
9378 CVOPC 1104001 1003 MF 9/11-9/29 7:30 am-5:30 pm TRANS INST 101 Department consent required. Contact the CTE office at a LSC campus to register.
9395 CVOPC 1104001 1004 MF 9/18-10/6 7:30 am-5:30 pm TRANS INST 101 Department consent required. Contact the CTE office at a LSC campus to register.
9399 CVOPC 1104001 1005 MF 9/25-10/13 7:30 am-5:30 pm TRANS INST 101 Department consent required. Contact the CTE office at a LSC campus to register.
9401 CVOPC 1104001 1006 MF 10/2-10/20 7:30 am-5:30 pm TRANS INST 101 Department consent required. Contact the CTE office at a LSC campus to register.
9404 CVOPC 1104001 1007 MF 10/9-10/27 7:30 am-5:30 pm TRANS INST 101 Department consent required. Contact the CTE office at a LSC campus to register.
9406 CVOPC 1104001 1008 MF 10/16-11/3 7:30 am-5:30 pm TRANS INST 101 Department consent required. Contact the CTE office at a LSC campus to register.
9424 CVOPC 1104001 1010 MF 10/10-11/10 7:30 am-5:30 pm TRANS INST 101 Department consent required. Contact the CTE office at a LSC campus to register.
9427 CVOPC 1104001 1011 MF 11/6-12/17 7:30 am-5:30 pm TRANS INST 101 Department consent required. Contact the CTE office at a LSC campus to register.
9430 CVOPC 1104001 1012 MF 11/13-12/8 7:30 am-5:30 pm TRANS INST 101 Department consent required. Contact the CTE office at a LSC campus to register.
9494 CVOPC 1104001 1013 MF 11/27-12/15 7:30 am-5:30 pm TRANS INST 101 Department consent required. Contact the CTE office at a LSC campus to register.
9498 CVOPC 1104001 1014 MF 12/4-12/22 7:30 am-5:30 pm TRANS INST 101 Department consent required. Contact the CTE office at a LSC campus to register.
9514 CVOPC 1104001 1015 MF 12/11-1/19 7:30 am-5:30 pm TRANS INST 101 Department consent required. Contact the CTE office at a LSC campus to register.

WANTED: Subject matter experts who want to teach!

Have you ever wanted to use your job skill or hobby to teach others? We are looking for experience in the following areas:

- SolidWorks
- Blueprint Reading
- Dental Assisting
- Diesel Technology
- Electricity
- English for Speakers of Other Languages (ESOL)
- Entrepreneurship
- Excel (Advanced)
- Global Logistics
- Lean Six Sigma
- Machining/CNC
- Management
- Nurse Aide
- Oil/Gas Drilling
- Oracle DBA
- Phlebotomy
- Professional Truck Driving
- QuickBooks
- SAT Review
- Technical Math
- Web Design/Developer
- Welding

For more information, contact the Corporate College or Career & Technical Education office closest to you.
Health, Emergency & Personal Services

LSC-CYFAIR
9191 Barker Cypress Road
Cypress, TX 77433-1383
CASA Building, Room 116
CE: 281.290.3450

LSC-KINGWOOD
20000 Kingwood Drive
Kingwood, TX 77339-3801
CLA Building, Room 107
CE: 281.312.1660

LSC-MONTGOMERY
3200 College Park Drive
Conroe, TX 77384-4500
Building E, Room 205
CE: 936.273.7446

LSC-NORTH HARRIS
2700 W.W. Thorne Drive
Houston, TX 77073-3499
Comm Ed Building, Room 102
CE: 281.618.5602

LSC-TOMBALL
30555 Tomball Parkway
Tomball, TX 77375-4096
Building E, Room 166
CE: 281.357.3676

LSC-UNIVERSITY PARK
20515 State Highway 249 (at Louetta)
Houston, TX 77070-2607
Building 13, 3rd Floor, Room 303
CE: 281.290.2601

Register for classes online at LoneStar.edu/CTE  Questions? Email LSCCE@LoneStar.edu
Programs

Dental Hygiene

Dental Assistant* 332 hours, $2,771
Dental Assisting I 128 hours, $1,138
Dental Assisting II 128 hours, $1,138
Dental Assisting III (Clinical) 60 hours, $294
Dental Assisting Review, Exam (TSBDE) 16 hours, $201

Electrocardiography

Electrocardiography Technician 179 hours, $1,381
Electrocardiography 32 hours, $296
Electrocardiography, Diagnostic 64 hours, $694
Cardiovascular Technology Technician, Clinical 80 hours, $355
Electrocardiography Technician Proctor Fee 3 hours, $36

Emergency Medical Services Professionals

Emergency Medical Technician (EMT), Basic* 224 hours, $522
Emergency Medical Technician, Basic 144 hours, $431
Emergency Medical Technician, Basic Clinical 80 hours, $91

Nursing Assistant

Clinical Medical Assistant* 262 hours, $2,655
Clinical Medical Assistant 262 hours, $2655
Medication Aide Certificate 140 hours, $645
Medication Aide 140 hours, $645

Nurse Aide (CNA)* 116 hours, $894
Nurse Aide, Certified 64 hours, $498
Nurse Aide, Certified (Clinical) 44 hours, $332
Nurse Aide State Exam Facilitator 8 hours, $64

Patient Care Technician* 312 hours, $2,658
Nurse Aide, Certified 64 hours, $498
Nurse Aide, Certified (Clinical) 44 hours, $332
Nurse Aide State Exam Facilitator 8 hours, $64
Phlebotomy 96 hours, $818
Phlebotomy, Clinical 12 hours, $126
Health Occupations Professionalism in the Workplace 24 hours, $228
Electrocardiography 32 hours, $296
Medical Terminology 32 hours, $296

Personal Trainer

Personal Trainer 80 hours, $859
Personal Training 32 hours, $344
Exercise Science 48 hours, $515

Phlebotomist

Phlebotomist* 196 hours, $1,428
Phlebotomy 96 hours, $818
Phlebotomy, Clinical 100 hours, $610

Public Safety

Law Enforcement Officer (TCOLE) Certification 700 hours, $2,940
Basic Peace Officer I 175 hours, $735
Basic Peace Officer II 175 hours, $735
Basic Peace Officer III 175 hours, $735
Basic Peace Officer IV 175 hours, $735

Surgical Technology

Sterile Processing Technician Practicum Level 1 Track Certificate 552 hours, $2,021
Intro to the Human Body & Disease 48 hours, $443
Infection Control 80 hours, $715
Essentials of Medical Terminology 24 hours, $228
Practicum 400 hours, $635

Sterile Processing Technician Non-Practicum Track Certificate 152 hours, $1,386
Intro to the Human Body & Disease 48 hours, $443
Infection Control 80 hours, $715
Essentials of Medical Terminology 24 hours, $228

Registration Requirements for all Healthcare Programs could include the following:
- High School Diploma
- Copy of S. S. Card
- Copy of TX DL or ID
- Background Check
- Hepatitis B (3 shots)/TITER
- TDAP (last 10 years)
- MMR (2 shots)/TITER
- Varicella (2 shots)
- TB Skin Test Negative (within 6 mos.)

Check with campus Program Manager to confirm.

*Insurance Liability Fee applies (Fall $12/Spring $8/Summer $0)

_linked_with_credits_
Dental Assistant

Dental Assisting I
DNTAC 2105303 128 Contact Hours $1138
An expanded study of dental assisting techniques with emphasis on four-handed dentistry and utilization of armamentarium for general practice and specialty procedures. This course focuses on office procedures, communication skills, basic dental anatomy and instrumentation, basic equipment operation and maintenance, preparation of examination and treatment areas, infection control, safety issues and clinical dental radiology. Also, dental assisting techniques with emphasis on four-handed dentistry and utilization of tray setups for general practice and specialty procedures. Students are required to submit complete immunization records including Hepatitis B and TB results. This course is a component of the Dental Assisting Certificate that prepares for the TSBDE exam. Textbooks, supplies and uniforms are not included in tuition.

LSC-Kingwood
2492 DNTAC 2105303 2001 T-Th 8/22/10-12 6 pm-10 pm CLA 101
Department consent required. Contact the CTE office at a LSC campus to register.
Instruction Type: Hybrid, Computer
2511 DNTAC 2105303 2002 T-Th 9/19-11/19 9 am-1 pm CLA 101
Department consent required. Contact the CTE office at a LSC campus to register.
Instruction Type: Hybrid, Computer

Dental Assisting II
DNTAC 2101502 128 Contact Hours $1138
A study of pre-clinical chairside assisting procedures, instrumentation, OSHA and other regulatory agencies’ standards. This course prepares the student to function competently and safely as a chairside dental assistant. Prerequisite: Dental Assisting Lecture I. Co-requisite: Dental Assisting Clinical, CPR and Registered Dental Assistant Exam & Review.

LSC-Kingwood
2512 DNTAC 2101502 2001 T-Th 10/17-12/14 6 pm-10 pm CLA 101
Department consent required. Contact the CTE office at a LSC campus to register.
Instruction Type: Hybrid, Computer

Dental Assisting III (Clinical)
DNTAC 2106002 60 Contact Hours $294
A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional. Pre-requisite Dental Assisting Lecture I, II and Co-requisite Registered Dental Assistant Exam and Review. This course is a component of the Dental Assisting Certificate that prepares for the TSBDE exam.

LSC-Kingwood
1192 DNTAC 2106002 2001 M-F 8/4-8/17 8 am-5 pm OFFSITE-ID
Department consent required. Contact the CTE office at a LSC campus to register.

Dental Assisting Review & Exam
DNTAC 2100302 16 Contact Hours $201
Preparation for Dental Assistants to meet Texas State Board of Dental Examiners (TSBDE) examination requirements. Includes review of radiology, infection control, and jurisprudence. State test and application forms included. Meets all state requirements for registered dental assistants.

LSC-Kingwood
1191 DNTAC 2100302 2001 FSa 8/18-8/19 8 am-5 pm CLA 101
Department consent required. Contact the CTE office at a LSC campus to register.
Instruction Type: Hybrid, Computer
2513 DNTAC 2100302 2001 FSa 9/8-9/9 8 am-5 pm CLA 101
Department consent required. Contact the CTE office at a LSC campus to register.
Instruction Type: Hybrid, Computer

Electrocardiography

Electrocardiography Technician, Clinical
CVTTC 2106003 80 Contact Hours $355
A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional. Hospital will require immunizations such as Hepatitis B, TB Skin Test, Varicella, Measles, Mumps, Rubella and Tetanus. Student must present a successful background check in order to attend clinical. Prerequisite: Electrocardiography and Diagnostic Electrocardiography. CPR certification is also required in order to attend clinical. This course is a component of Electrocardiography Technician that prepares for American Certification Agency for Healthcare Professionals. This course will review the following medical terminology; heart anatomy and physiology, basic EKG techniques, and infection control and safety. The course will also review basic electrophysiology, ECG waves and interpretations, and basic pharmacology and special procedures while in a clinical setting.

Health Professions Building
1156 CVTTC 2106003 1001 M-F 8/28-8/16 7 am-7 pm CLA 101
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-North Harris
6600 CVTTC 2106003 1001 M-F 9/9-9/13 7 am-7 pm OFFSITE-ID
Department consent required. Contact the CTE office at a LSC campus to register.

Electrocardiography
ECRDC 2101101 32 Contact Hours $296
Fundamentals of cardiovascular anatomy and physiology. Includes basic electrocardiography procedures, interpretation of basic dysrhythmias, and appropriate treatment modalities. This continuing education course is an introduction to electrocardiography (ECG). This course is designed to prepare students to take a national certification. Students must also register for diagnostic electrocardiography, ECG clinical, professional liability insurance and exam. This course is a component of Electrocardiography Technician that prepares for American Certification Agency for Healthcare Professionals. This course will define the foundations of medical terminology, heart anatomy and physiology, basic EKG techniques, and infection control and safety.
Health Professions Building
655 ECRDC 2101101 1001 TTh 9/11-10/3 5:30 pm-9:30 pm
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Conroe Center
7011 ECRDC 2101101 CO01 MW 6/19-9/ 5:30 pm-9:30 pm  CC 120
Department consent required. Contact the CTE office at a LSC campus to register. 

LSC-EMCID
4943 ECRDC 2101101 ED01 TTh 9/12-10/5 6 pm-10 pm  EACID 107

LSC-Tomball
6323 ECRDC 2101101 3001 F 8/25-10/13 9 am-1 pm  HS 309
Department consent required. Contact the CTE office at a LSC campus to register.

Electrocardiography Monitor Technician
ECRDC 2101103 30 Contact Hours $339
Fundamentals of cardiovascular anatomy and physiology. Includes basic electrocardiography procedures, interpretation of basic dysrhythmias, and appropriate treatment modalities. 6 hours of observation time TBA.

LSC-EMCID
1205 ECRDC 2101103 2001 MWF 7/31-8/16 6 pm-10 pm  EACID 107
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Montgomery
1340 ECRDC 2101103 4001 TTh 6/20-7/25 6 pm-9 pm  MCG 6122
Department consent required. Contact the CTE office at a LSC campus to register. 
No class 1/18/17.

Electrocardiography Technician Proctor Fee
ECRXC 7000002 3 Contact Hours $36
Three hour examination to achieve certification as an electrocardiogram technician consisting of both written and practical portions. Student must have successfully completed the colleges ECG Technician training program in order to sit for exam. 
Exam will be administered by an (ACA) American Certification Agency instructor. Student is also responsible for (ACA) American Certification Agency for Health Professionals examination fee. 
Prerequisites: Electrocardiography, Diagnostic Electrocardiography, Clinical-Cardiovascular Technology/Technologist.

LSC-North Harris
1158 ECRXC 7000002 1001 Th 8/17 2:30 pm-5:30 pm
Department consent required. Contact the CTE office at a LSC campus to register.

Emergency Medical Technician Proctor Fee
ECRXC 7000002 3 Contact Hours $36
Three hour examination to achieve certification as an electrocardiogram technician consisting of both written and practical portions. Student must have successfully completed the colleges ECG Technician training program in order to sit for exam. 
Exam will be administered by an (ACA) American Certification Agency instructor. Student is also responsible for (ACA) American Certification Agency for Health Professionals examination fee. 
Prerequisites: Electrocardiography, Diagnostic Electrocardiography, Clinical-Cardiovascular Technology/Technologist.

LSC-North Harris
1158 ECRXC 7000002 1001 Th 8/17 2:30 pm-5:30 pm
Department consent required. Contact the CTE office at a LSC campus to register.

Electrocardiography, Diagnostic
DSAEC 2104002 64 Contact Hours $692
Cardiac testing including the techniques and interpretation of patient physical assessment. Covers electrocardiography, stress testing, Holter monitoring, vital signs, and cardiovascular pharmacology. This intermediate electrocardiography (ECC) course prepares students for more advanced cardiac testing. 
Prerequisite is Electrocardiography. This course is designed to prepare students to take a national certification. Students must also register for ECC clinical, professional liability insurance and exam.

Health Professions Building
1155 DSAEC 2104002 1001 MTTh 6/22/8 5:30 pm-9:30 pm
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-North Harris
6597 DSAEC 2104002 1001 TTh 10/4-11/8 5:30 pm-9:30 pm
Department consent required. Contact the CTE office at a LSC campus to register.

Emergency Medical Technician

Emergency Medical Technician, Basic
EMSPC 2100103 144 Contact Hours $431
Preparation for certification as an Emergency Medical Technician (EMT) - Basic. Includes all the skills necessary to provide emergency medical care at a basic life support level with an emergency service or other specialized services. A high school diploma, GED or participation in the early admissions program required. Student purchases textbook and provides uniform and proof of immunizations. Course completion requires two classes, EMT-Basic and EMT-Basic Clinical. Student must register for both classes at the same time. This course is linked to EMSP 1501.

LSC-North Harris
11035 EMSPC 2100103 1001 MWF 8/28-12/17 8 am-9:30 am  WNSP 168
Department consent required. Contact the CTE office at a LSC campus to register. 
Must be taken concurrently with EMSPC 2109102 1001.

11039 EMSPC 2100103 1003 TTh 8/28-12/17 8 am-9:30 am  WNSP 168
Department consent required. Contact the CTE office at a LSC campus to register. 
Must be taken concurrently with EMSPC 2109102 1001.

11042 EMSPC 2100103 1005 Th 8/28-12/17 6 pm-7:30 pm  WNSP 168
Department consent required. Contact the CTE office at a LSC campus to register. 
Must be taken concurrently with EMSPC 2109102 1001.

Emergency Medical Technician, Basic Clinical
EMSPC 2109102 80 Contact Hours $91
A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional. Requires LSC liability insurance. This course is linked to EMSP 1160. Prerequisite: ENGL 0304 or ENGL 0315 or ENGL 0339 AND ENGL 0306 or 0325 or 0353 OR higher level course (ENGL 1301), OR placement by testing; Math 0306

LSC-North Harris
4574 EMSPC 2109102 1001 6/26/8/20
Department consent required. Contact the CTE office at a LSC campus to register. Required Online Clinical Orientation.

11049 EMSPC 2109102 1001 9/25/12/17
Department consent required. Contact the CTE office at a LSC campus to register. 
Mandatory Online Clinical Orientation - D2L. No extrication days.
**Health, Emergency & Personal Services**

**General Health Care**

**Anatomy and Physiology I, Review**

SCITC 2100701  48 Contact Hours  $443

An applied systematic study of the structure and function of the human body designed for students considering a career in the health field. Includes anatomical terminology, cells, tissues, and the following systems: integumentary, skeletal, muscular, nervous, and endocrine. Emphasis on homeostasis. Students will study the systems of the body, how they interact, and how they are regulated to maintain life and homeostasis. This is a very fast-paced course; Designed for students with a previous passing grade of at least C in Human Anatomy & Physiology I (BIOL 2401).

**LSC-CyFair**
6967 SCITC 2100701 5001 MSu 9/10-10/15
Instruction Type: Online

**LSC-Montgomery**
1347 SCITC 2100701 4002 MSu 7/24-8/27
Department consent required. Contact the CTE office at a LSC campus to register.
Instruction Type: Online

**LSC-North Harris**
6614 SCITC 2100701 1001 MSu 9/10-10/15
Instruction Type: Online

**Medical Terminology I**

HITTC 2100500  32 Contact Hours  $296

Study of medical terms through word origin and structure. Introduction to abbreviations and symbols, surgical and diagnostic procedures, and medical specialties. This course is a component of the Patient Care Tech Certification that prepares for National Center for Competency Exam.

**Health Professions Building**

1165 HITTC 2100500 1001 Th 7/11-8/3 6 pm-10 pm
Department consent required. Contact the CTE office at a LSC campus to register.

**LSC-Conroe Center**
5133 HITTC 2100500 0001 M-Th 6/19-7/17 12:30 pm-2:30 pm CC 215
PCT. Department consent required. Contact the CTE office at a LSC campus to register. Closed 7/4/17.

**LSC-CyFair**
3656 HITTC 2100500 5001 9/20-11/8
Instruction Type: Online

**LSC-Kingwood**
5543 HITTC 2100500 2001 Th 10/10-11/2 6 pm-10 pm

**LSC-North Harris**
6616 HITTC 2100500 1001 Th 10/3-10/26 6 pm-10 pm

**LSC-Tomball**
6421 HITTC 2100500 3001 MW 8/28-10/23 3 pm-4:59 pm  E 177
**Workplace Microbiology**  
SCITC 2101301 64 Contact Hours $579  
A study of the identification and growth of microorganisms as pathogenic or non-pathogenic agents including epidemiology. Includes the detection of microbes and control of infectious agents in the workplace emphasizing sanitation and asepsis. Designed for students with a passing grade of at least a C in Medical Microbiology (BIOL 2420).  
**LSC-CyFair**  
6975 SCITC 2101301 5001 MSu 9/17-11/18  
Instruction Type: Online  
**LSC-North Harris**  
6610 SCITC 2101301 1001 MSu 9/17-11/18  
Instruction Type: Online

**Clinical Medical Assistant-LAB**  
MDCAC 2106002 70 Contact Hours $700  
A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional. Introduction to medical office operations, equipment, procedures, and human relations skills. Emphasis on the application of basic psychological principles and the study of behavior as they apply to special populations. Emphasis on structure and function of human cells, tissues, organs, and systems with overview of common pathophysiology. Topics include procedures for self-understanding and social adaptability in interpersonal communication with patients and co-workers in an ambulatory care setting. Application of governmental health care guidelines. Includes specimen collection and handling, quality assurance and quality control in performance of Clinical Laboratory Improvement Amendments (CLIA)-waived laboratory testing.  
**LSC-Conroe Center**  
5130 MDCAC 2106002 C002 Th 7/20-11/16 8am-11am CC 120  
Department consent required. Contact the CTE office at a LSC campus to register.

**Clinical Medical Assistant-Clinical**  
MDCAC 2106003 80 Contact Hours $800  
A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional. Introduction to medical office operations, equipment, procedures, and human relations skills. Emphasis on the application of basic psychological principles and the study of behavior as they apply to special populations. Emphasis on structure and function of human cells, tissues, organs, and systems with overview of common pathophysiology. Topics include procedures for self-understanding and social adaptability in interpersonal communication with patients and co-workers in an ambulatory care setting. Application of governmental health care guidelines. Includes specimen collection and handling, quality assurance and quality control in performance of Clinical Laboratory Improvement Amendments (CLIA)-waived laboratory testing.  
**LSC-Conroe Center**  
5129 MDCAC 2106001 C002 MSu 7/17-11/21  
Department consent required. Contact the CTE office at a LSC campus to register.  

**Health Care Science**

**Clinical - Registered Nursing/Nurse**  
RNSGC 2106002 112 Contact Hours $763  
A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional. Co-Requisite: Re-Entry Nursing Update RNSGC 2100605  
**LSC-Tomball**  
6676 RNSGC 2106002 3001 MSu 8/28-12/15 OFFSITE-ID  
Department consent required. Contact the CTE office at a LSC campus to register.

**CPR for Healthcare Provider**  
EHLT C 3200001 3 Contact Hours $57  
HeartCode BLS is an interactive self-directed eLearning program which completes the requirements for the American Heart Association BLS for Healthcare Providers course. Learners complete a computer-based cognitive portion consisting of lessons teaching the BLS algorithm; realistic adult and infant patient cases that test knowledge of the correct sequence of patient care activities and give the student a detailed debriefing of performance; and a multiple choice exam.  
**LSC-CyFair**  
1971 EHLC 3200001 5001 Th 6/29 9am-Noon HSCI 105  
3499 EHLC 3200001 5001 W 9/13 9am-Noon HSCI 105  
3500 EHLC 3200001 5002 F 12/1 9am-Noon HSCI 105  
**LSC-Tomball**  
6352 EHLC 3200001 3001 Sa 9/9 8am-11am  
6353 EHLC 3200001 3002 Sa 10/14 8am-11am E 177  
6369 EHLC 3200001 3003 Sa 11/11 8am-11am E 177  
6371 EHLC 3200001 3004 Sa 12/9 8am-11am E 177
Health Occupations Orientation
ORTAC 7000000 1003 Th 8/24 8:30 am-10:30 am
Department consent required. Contact the CTE office at a LSC campus to register.
5805 ORTAC 7000000 1004 Th 9/21 5:30 pm-7:30 pm
Department consent required. Contact the CTE office at a LSC campus to register.
5806 ORTAC 7000000 1005 Th 10/12 9 am-11 am
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Tomball Health Science Bdg
6638 ORTAC 7000000 1004 M 8/28 6 pm-8 pm OFFSITE-ID
Department consent required. Contact the CTE office at a LSC campus to register.
6646 ORTAC 7000000 1003 W 9/6 8:30 am-10:30 am
Phlebotomy. Department consent required. Contact the CTE office at a LSC campus to register.
6649 ORTAC 7000000 1004 Th 11/2 8:30 am-10:30 am E 257
Phlebotomy

Sterile Processing

Infection Control
CSPDC 2107201 80 Contact Hours $715
This course discusses the importance of preventing the spread of diseases as it relates to the sterile processing team. Topics include use of personal protective equipment, indirect and direct patient contact, modes of disease transmission, noncritical, semi critical and critical devices, bioburden, decontamination, disinfection, antisepsis, sterilization, storage, and instrument inspection. Fundamentals of safe reprocessing of surgical armamentarium for patient is the primary focus. Surgical related supplies and inventory case-cart systems are also introduced.

Intro to Human Body & Disease
CSPDC 2107101 48 Contact Hours $443
This course provides students with an overview of the major organ systems of the human body. The structure and function of each system is outlined. These systems include the integumentary, gastrointestinal, musculoskeletal, cardiovascular, genitourinary, neurological, special senses, and endocrine systems. Fundamental information about common diseases, the disease process and the immune system are introduced.

Practicum
CSPDC 2107301 400 Contact Hours $633
This course allows the student to gain practical experiences in processing equipment, instruments, and supplies. Students will use commercial equipment in each of the phases of processing including decontamination, disinfection, inspection, and reassembly. Students will work alongside technicians in a clinical setting at one of our affiliate sites.

Questions? Email LSCCE@LoneStar.edu
Nurse Aide & Patient Care Technician

Health Occupations Professionalism
NURAC 2109102 24 Contact Hours $228
Topics address recently identified current events, skills, knowledge's, and/or attitudes and behaviors pertinent to the technology or occupation and relevant to the professional development of the student. This course was designed to be repeated multiple times to improve student proficiency. Develop entry-level skills for the workforce. Includes professionalism, interpersonal skills, communication, workplace civility, and employability skills. Develop entry-level skills for the workforce. Includes professionalism, interpersonal skills, communication, workplace civility, and employability skills. This course is a component of the Patient Care Tech Certification that prepares for National Center for Competency Exam.

LSC-Conroe Center
5137 NURAC 2109102 C001 Th 7/25/16 12:30 pm-2:30 pm CC 120
PCT. Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Kingwood
5548 NURAC 2109102 2001 MW 9/18-10/4 6 pm-10 pm

LSC-Tomball
6589 NURAC 2109102 3001 MWF 11/6-12/6 3 pm-4:59 pm

Nurse Aide State Exam Facilitator Fee
NURXC 7800121 8 Contact Hours $64
Facilitator fee for state exam for nurse aide, including written exam and skills tests. Students must have successfully completed and passed the Nurse Aide Lecture and Clinical Training, meet the criteria and be authorized by the state to test. The student is responsible for the state's exam fee.

Health Professions Building
6923 NURXC 7800121 1011 F 8/18 9 am-11 am
Department consent required. Contact the CTE office at a LSC campus to register.
6924 NURXC 7800121 1002 F 8/18 3 pm-5 pm
Department consent required. Contact the CTE office at a LSC campus to register.
5801 NURXC 7800121 1004 Th 11/9 3 pm-5 pm
PCT Cohort Pathway. Department consent required. Contact the CTE office at a LSC campus to register.
5800 NURXC 7800121 1003 Th 11/28 9 am-11 am
PCT Cohort Pathway. Department consent required. Contact the CTE office at a LSC campus to register.
5802 NURXC 7800121 1005 Th 12/7 9 am-11 am
PCT Cohort Pathway. Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Conroe Center
2373 NURXC 7800121 C001 MSu 9/11-12/1 8 am-8 pm OFFSITE-ID
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-CyFair
1981 NURXC 7800121 5001 F 8/18
Department consent required. Contact the CTE office at a LSC campus to register.
2906 NURXC 7800121 5001 MTh 12/18
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Kingwood
2922 NURXC 7800121 2001 F 10/14-10/15 OFFSITE-ID
Department consent required. Contact the CTE office at a LSC campus to register.
2923 NURXC 7800121 2002 F 12/8-12/8 OFFSITE-ID
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Tomball
2907 NURXC 7800121 3001 F 8/18
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Victory Center
6986 NURXC 7800121 VO02 Th 7/31 9 am-11 am DTEC 102
Department consent required. Contact the CTE office at a LSC campus to register.
5803 NURXC 7800121 VO01 F 12/8 9 am-11 am
PCT Cohort Pathway. Department consent required. Contact the CTE office at a LSC campus to register.

Medication Aide
NURAC 2101302 140 Contact Hours $645
Instruction in preparation and administration of designated medications by non-licensed nursing personnel employed in licensed health care agencies including the responsibilities associated with such administration. Student must be currently employed in a facility as a nurse aide or non-licensed direct care staff person on the first official day of the medication aide training program. Student must also have been employed for 90 days in a nursing home, MHMR or TDCJ facility within the twelve-month period preceding the course. GED or high school diploma required.

LSC-Tomball
6593 NURAC 2101302 3001 MW 10/2/12/20 5 pm-9 pm E 177
Department consent required. Contact the CTE office at a LSC campus to register.

Medication Aide Refresher
NURAC 2104104 7 Contact Hours $115
Intensive training in an identified area(s) to meet continuing education and/or review/update requirements associated with professional licensure or certification. This course was designed to be repeated multiple times to improve student proficiency. Fulfillment of the annual education renewal requirements of the Certified Medication Aide. Topics include review update of medication aide training rules, medication administration and related responsibilities. Please bring your medication aide permit number with you to class. This course prepares for the TDADS Medication Aide Exam.

LSC-North Harris
6619 NURAC 2104104 1001 Sa 9/23 8:30 am-4:30 pm
LSC-Tomball
6599 NURAC 2104104 3001 Sa 11/4 8:30 am-4:30 pm

Advanced Technical Certificate Professional Accountancy
Are you interested in becoming a Certified Public Accountant (CPA)? LSC offers an Advanced Technical Certificate in Professional Accountancy. To learn more check out LoneStar.edu/Accounting-CPA
Nurse Aide, Certified
NURAC 2100105  64 Contact Hours  $498
Knowledge, skills, and abilities essential to provide basic care to residents of long-term care facilities. Topics include resident’s rights, communication, safety, observation, reporting and assisting residents in maintaining basic comfort and safety. Emphasis on effective interaction with members of the community health care team. This course is a component of the Certified Nurse Aide Certification that prepares for Nurse Aide Competency Exam. The course explains the National Nurse Aide Assessment Program (NNAAP) Skills.

Health Professions Building
1142 NURAC 2100105 1002 M Th 6/19/17 5:30 pm-9:30 pm
Department consent required. Contact the CTE office at a LSC campus to register.
4804 NURAC 2100105 1003 T Th 8/29/10/19 8:30 am-12:30 pm
PCT Cohort Pathway. Department consent required. Contact the CTE office at a LSC campus to register.
4805 NURAC 2100105 1004 M Th 9/25/10/19 5:30 pm-9:30 pm
PCT Cohort Pathway. Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Conroe Center
5116 NURAC 2100105 C002 M Th 7/248/17 8 am-11/3 CC 120
PCT. Department consent required. Contact the CTE office at a LSC campus to register.
2371 NURAC 2100105 C001 T Th 9/11/11/1 5:30 pm-9:30 pm CC 120
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Kingwood
1195 NURAC 2100105 2002 M W 6/26/37 5 pm-9:30 pm CLA 108
Department consent required. Contact the CTE office at a LSC campus to register.
2903 NURAC 2100105 2001 M W 9/11/4/10 8 am-5:30 pm CLA 108
Department consent required. Contact the CTE office at a LSC campus to register.
2904 NURAC 2100105 2002 M W 10/16/11/20 9 am-1:30 pm CLA 108
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Victory Center
4812 NURAC 2100105 V001 T Th 10/31/28 9 am-1:30 pm
Department consent required. Contact the CTE office at a LSC campus to register.

Nurse Aide, Certified (Clinical)
NURAC 2106003  44 Contact Hours  $332
A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional. This course is a component of the Certified Nurse Aide Certification that prepares for Nurse Aide Competency Exam. The course explains the National Nurse Aide Assessment Program (NNAAP) Skills in a long-term care facility. Student must also register for insurance and state exam proctor fee.

LSC-Conroe Center
5113 NURAC 2106003 4001 M S 7/8/17/09 6 am-6 pm OFFSITE-ID
Department consent required. Contact the CTE office at a LSC campus to register.
2368 NURAC 2106003 4001 M S 8/21/9/3 6 am-9 pm OFFSITE-ID
PCT. Department consent required. Contact the CTE office at a LSC campus to register.
2372 NURAC 2106003 4002 M S 11/6/11/19 6 am-6 pm OFFSITE-ID
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-CyFair
1977 NURAC 2106003 5001 M S 7/12/27 6 am-6 pm OFFSITE-ID
Department consent required. Contact the CTE office at a LSC campus to register.
6880 NURAC 2106003 5003 M S 8/16/8/30 6 am-6 pm OFFSITE-ID
Department consent required. Contact the CTE office at a LSC campus to register.
3653 NURAC 2106003 5001 M S 11/3/17 6 am-6 pm OFFSITE-ID
Department consent required. Contact the CTE office at a LSC campus to register.
3655 NURAC 2106003 5002 M S 12/4/17 6 am-6 pm OFFSITE-ID
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-North Harris
1143 NURAC 2106003 1001 M S 8/1/8/21 6 am-6 pm OFFSITE-ID
Department consent required. Contact the CTE office at a LSC campus to register.
1145 NURAC 2106003 1002 M S 8/28/9/2 6 am-6 pm OFFSITE-ID
Department consent required. Contact the CTE office at a LSC campus to register.
5785 NURAC 2106003 1003 M S 10/26/11/27 6 am-6 pm OFFSITE-ID
Department consent required. Contact the CTE office at a LSC campus to register.
5787 NURAC 2106003 1004 M S 10/26/7 6 am-6 pm OFFSITE-ID
Department consent required. Contact the CTE office at a LSC campus to register.
5789 NURAC 2106003 1005 M S 11/14/12/6 6 am-6 pm OFFSITE-ID
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Tomball
2095 NURAC 2106003 3001 M S 6/28/7/8 7 am-7 pm OFFSITE-ID
Department consent required. Contact the CTE office at a LSC campus to register.
2096 NURAC 2106003 3002 M S 8/18/10 7 am-7 pm OFFSITE-ID
Department consent required. Contact the CTE office at a LSC campus to register.
7330 NURAC 2106003 3001 M S 10/26/11/2 7 am-7 pm OFFSITE-ID
Department consent required. Contact the CTE office at a LSC campus to register.
7331 NURAC 2106003 3002 M S 12/12/20 7 am-7 pm OFFSITE-ID
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Victory Center
5791 NURAC 2106003 V001 M S 11/29/12/11 6 am-6 pm OFFSITE-ID
Department consent required. Contact the CTE office at a LSC campus to register.
**Personal Trainer**

**Exercise Science**
FITTC 2201301 48 Contact Hours $515
This course will include a survey of scientific principles, methodologies, and research as applied to exercise and physical fitness. Emphasis on physiological responses and adaptations to exercise. Topics include basic elements of kinesiology, biomechanics, motor learning, and the physical fitness industry. Co-requisite: FITTC 2103701, Personal Training.

**LSC-CyFair**
3503 FITTC 2201301 5001 M 9/11-12/18 5 pm-8 pm
Department consent required. Contact the CTE office at a LSC campus to register.
Instruction Type: Hybrid, Internet

**LSC-Montgomery**
5101 FITTC 2201301 4002 TTh 8/15/10/5 6 pm-9 pm NCA A202
Department consent required. Contact the CTE office at a LSC campus to register.
2376 FITTC 2201301 4001 TTh 10/17-12/12 6 pm-9 pm NCA A202
Department consent required. Contact the CTE office at a LSC campus to register.

**LSC-North Harris**
1162 FITTC 2201301 1001 TTh 6/20/15 6 pm-8 pm CMED 209
Department consent required. Contact the CTE office at a LSC campus to register.
6620 FITTC 2201301 1001 TTh 9/12-11/16 6 pm-10 pm

**LSC-Tomball**
6396 FITTC 2201301 3001 T 9/5-12/19 9 am-12 pm

**LSC-University Park**
12284 FITTC 2201301 6001 MW 9/11-12/6 6 pm-8 pm

**Phlebotomy**

**NHA Phlebotomy Cert. Review & Exam**
PLABC 2109101 10 Contact Hours $259
Students will prepare for, and take the National Health Career Association NCCA [National Commission for Certifying Agencies] Phlebotomy Certification exam.

**LSC-North Harris**
6592 PLABC 2109101 1002 M-Th 11/21-12/11 7 am-7 pm OFFSITE-ID
Department consent required. Contact the CTE office at a LSC campus to register.
6590 PLABC 2109101 1001 M-Th 11/30-12/13 7 am-7 pm OFFSITE-ID
Department consent required. Contact the CTE office at a LSC campus to register.

**Phlebotomy**
PLABC 2102301 96 Contact Hours $818
Skill development in the performance of a variety of blood collection methods using proper techniques and universal precautions. Includes vacuum collection devices, syringes, capillary skin puncture, butterfly needles and blood culture, and specimen collection on adults, children, and infants. Emphasis on infection prevention, proper patient identification, labeling of specimens and quality assurance, specimen handling, processing, and accessioning. Topics include professionalism, ethics, and medical terminology. This course is a component of the program that prepares for the ASCP Certification. This course will define and measure competencies of the following described which are required by ASCP; circulatory system, laboratory operations, non-blood specimens, point-of-care testing, specimen collection, and specimen processing and handling.

**Health Professions Building**

**LSC-Conroe Center**
2369 PLABC 2102301 CO01 M-Th 9/20-11/26 9 am-1 pm CC 119
PCT. Department consent required. Contact the CTE office at a LSC campus to register.

**LSC-EMCID**
2924 PLABC 2102301 E001 MW 8/28-11/20 5 pm-9 pm EMIC 110
Department consent required. Contact the CTE office at a LSC campus to register.

**LSC-Tomball**
2098 PLABC 2102301 3001 TTh 7/11-9/28 9 am-1 pm E 177
Department consent required. Contact the CTE office at a LSC campus to register.
6660 PLABC 2102301 3001 TTh 11/1-2/13 8 am-12 pm E 177
Department consent required. Contact the CTE office at a LSC campus to register.

**LSC-Tomball Health Science Bdg**
6659 PLABC 2102301 1001 MW 9/20-12/13 8 am-12 pm HS 309
Department consent required. Contact the CTE office at a LSC campus to register.
Phlebotomy Clinical for Patient Care Technician
PLABC 2109100 12 Contact Hours $126
Topics address recently identified current events, skills, knowledge, and/or attitudes and behaviors pertinent to the technology or occupation and relevant to the professional development of the student. This course was designed to be repeated multiple times to improve student proficiency. A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional. For Patient Care Tech students.

Health Professions Building
1153 PLABC 2109100 1053 M-Th 8/15/11-1 7 am-7 pm
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Conroe Center
2370 PLABC 2109100 C001 M-Tu 10/30-12/1 7 am-7 pm OFFSITE-ID
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Tomball
6665 PLABC 2109100 3001 M-Tu 12/4-1/14 OFFSITE-ID
Department consent required. Contact the CTE office at a LSC campus to register.

Phlebotomy, Clinical
PLABC 2106001 100 Contact Hours $610
A health-related, work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional. Times to be arranged.

Health Professions Building
1152 PLABC 2106001 1003 M-Tu 8/15/11-1 7 am-7 pm
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Conroe Center
6834 PLABC 2106001 C001 M-Tu 8/15/11-1 7 am-7 pm OFFSITE-ID
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Tomball
15175 PLABC 2106001 3003 M-Tu 9/29-12/29 OFFSITE-ID
Department consent required. Contact the CTE office at a LSC campus to register.

Open House for the Law Enforcement Academy
Are you looking for a successful career in Law Enforcement? Are you looking for more information about basic peace officer training? Join us for a question and answer session with industry experts. Registration is not required. All information sessions will be held at Lone Star College.

LSC-Greenspoint Center Room 103
- August 4, 2017 9 to 11 a.m.
- August 18, 2017 12:30 to 2:30 p.m.
- September 1, 2017 4 to 6 p.m.
- September 15, 2017 9 to 11 a.m.
- October 6, 2017 12:30 to 2:30 p.m.
- October 27, 2017 4 to 6 p.m.
- November 3, 2017 9 to 11 a.m.
**Court Systems & Practices**

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<tr>
<th>Institution</th>
<th>CRJC</th>
<th>Contact Hours</th>
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<tr>
<td>LSC-Fairbanks</td>
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This course is a study of the court system as it applies to the structures, procedures, practices and sources of law in American courts, using federal and Texas statutes and case law. This course is linked to CRJ 1306.
Industry Certification & Exam Prep

LSC-CYFAIR
9191 Barker Cypress Road
Cypress, TX 77433-1383
CASA Building, Room 116
CE: 281.290.3460

LSC-KINGWOOD
20000 Kingwood Drive
Kingwood, TX 77339-3801
CLA Building, Room 107
CE: 281.312.1660

LSC-MONTGOMERY
3200 College Park Drive
Conroe, TX 77384-4500
Building E, Room 205
CE: 936.273.7446

LSC-NORTH HARRIS
2700 W.W. Thorne Drive
Houston, TX 77073-3499
Comm Ed Building, Room 102
CE: 281.618.5602

LSC-TOMBALL
30555 Tomball Parkway
Tomball, TX 77375-4096
Building E, Room 166
CE: 281.357.3676

LSC-UNIVERSITY PARK
20515 State Highway 249 (at Louetta)
Houston, TX 77070-2607
Building 13, 3rd Floor, Room 303
CE: 281.290.2601

Register for classes online at LoneStar.edu/CTE | Questions? Email LSCCE@LoneStar.edu
## Industry Certification & Exam Prep

### CompTIA A+ Certification
- **Certification Preparation**: 96 hours, $1,283
- **A+ Certification Preparation**: 96 hours, $1,283

### CCNA (Cisco Certified Networking Associate)
- **Introduction to Networks**: 80 hours, $252
- **Routing and Switching Essentials**: 80 hours, $252
- **Scaling Networks**: 80 hours, $252
- **Connecting Networks**: 80 hours, $252

### Electrician - Journeyman: Exam Review
- **Journeyman Electrician Review**: 32 hours, $440

### Electrician - Master: Exam Review
- **Master Electrician Exam Review I**: 48 hours, $659
- **Master Electrician Exam Review II**: 48 hours, $659

### IADC RIG PASS®
- **IADC RIG PASS®**: 8 hours, $149

### IADC WellSharp®
- **IADC WellSharp®**: 24 hours, $336

### Lean Six Sigma Black Belt
- **Lean Six Sigma Black Belt**: 62 hours, $3,326

### Lean Six Sigma Green Belt Certification
- **Lean Six Sigma Green Belt Certification**: 57 hours, $1,935

### *Oracle DBA Certification*
- **Oracle Database 11g: Introduction to SQL**: 40 hours, $1,544
- **Oracle Database 11g: Admin Workshop I**: 40 hours, $1,544
- **Oracle Database 11g: Admin Workshop II**: 40 hours, $1,544

### Project Management Certification
- **PMP Certification Exam Preparation**: 35 hours, $1,566

### Wedding Planner Certification
- **Wedding Planner Certification**: 40 hours, $924

### Welding Inspector Exam Prep
- **Welding Inspector Part I**: 48 hours, $659
- **Welding Inspector Part II**: 48 hours, $659

* Program coming soon.

* Linked with a credit course. See page 5 for requirements.
### Lean Six Sigma Black Belt Certification

**BMGTC 1109150**  
62 Contact Hours  
$3326

Topics address recently identified current events, skills, knowledge, and/or attitudes and behaviors pertinent to the technology or occupation and relevant to the professional development of the student. This course was designed to be repeated multiple times to improve student proficiency. This course is designed to take Green Belts to the Black Belt level; this certification requires completing a capstone project, which gives you the opportunity to apply the knowledge and skills acquired to specific problems. As a Black Belt or Project Lead, you will master the skills necessary to lead a complex process improvement project that produces bottom line results. Format: Workshop/Online.

**LSC-University Park**  
6153 BMGTC 1109150 6001  
10/17-12/7

### Lean Six Sigma Green Belt Certification

**BMGTC 1109151**  
57 Contact Hours  
$1935

Topics address recently identified current events, skills, knowledge, and/or attitudes and behaviors pertinent to the technology or occupation and relevant to the professional development of the student. This course was designed to be repeated multiple times to improve student proficiency. The content blends the Lean process improvement tools with the problem-solving tools of Six Sigma following the DMAIC (Define, Measure, Analyze, Improve, and Control) model. Learn to play a major role in process improvement projects as a team member or leader of projects within your functional areas. This certification requires completing a capstone project, which gives you the opportunity to apply the knowledge and skills acquired to specific problems. As a Green Belt or Project Lead, you will master the skills necessary to lead a complex process improvement project that produces bottom line results. Format: Workshop/Online.

**LSC-University Park**  
6163 BMGTC 1109151 6001  
10/23-12/13

### PMP Certification Exam Preparation

**BMGXC 5000134**  
35 Contact Hours  
$1566

Methods for planning and controlling projects. Includes project management concepts and models, critical path, analysis of time/cost benefits, and resource utilization. If you have work-related experience, this class is for you. We will help you hone your expertise to a razor sharp edge during our comprehensive review of the ten major project management subject areas from the PMBOK® 5th Edition. This course prepares you to take the Project Management Professional (PMP®) exam and satisfies the 35-contact hour requirement needed to qualify to take the PMP® exam. Structure: Environment: Seminar/Classroom/ Workshop/Online. Three days of classroom instruction followed by two days of online practice questions and comprehensive feedback (at your own pace). Includes a new Amazon Kindle, lunch and refreshments.

**LSC-University Park**  
2732 BMGXC 5000134 6001  
M-W 8/7-8/11  
8 am-5 pm  
UPEMI 143

### Wedding Planner Certification

**BUSGC 2109124**  
40 Contact Hours  
$924

The Wedding Planning Institute’s fast-track certification program is the industry standard for individuals looking to get started in the wedding and event planning business right away. Topics include, business planning for the wedding planner, wedding styles, signatures and themes. Wedding etiquette in America, vendors and contracts, stationery, attire, public relations, introduction to sales and marketing, reception logistics, cakes and desserts, music, photography, decorations, wedding favors, pre-and post-celebrations and expanding business revenue streams will also be presented. Prepares for the UWPI’s (Lovegevity’s Wedding Planning Institute) certification exam. PC or laptop required as tablets do not work with the online system.

**LSC-North Harris**  
2500 BUSGC 2109124 1001  
M 9/11-11/27 6 pm-9:30 pm  
CNED 206

### Workkeys Test Applied Mathematics

**TESTC 8900123**  
1 Contact Hours  
$15.50

This test utilizes the ACT WorkKeys Mathematics assessment to evaluate and quantify a student’s ability to apply mathematical reasoning to set up and solve workplace word problems. Calculators are allowed.

**LSC-University Park**  
6528 TESTC 8900123 6002  
W 6/21  
9 am-10 am  
UPEMI 143

**6462 TESTC 8900123 6001  
W 7/12  
9 am-10 am  
UPEMI 143

**5051 TESTC 8900123 6001  
W 10/4  
9 am-10 am  
UPEMI 143

### Workkeys Test Locating Information

**TESTC 8900121**  
1 Contact Hours  
$15.50

This test utilizes the ACT WorkKeys Locating Information assessment to evaluate and quantify a student’s ability to work with workplace graphics including charts, graphs, tables, forms and diagrams.

**LSC-University Park**  
6529 TESTC 8900121 6002  
W 6/21  
10 am-11 am  
UPEMI 143

**6463 TESTC 8900121 6001  
W 7/12  
10 am-11 am  
UPEMI 143

**5053 TESTC 8900121 6001  
W 10/4  
10 am-11 am  
UPEMI 143

### Workkeys Test Reading for Information

**TESTC 8900122**  
1 Contact Hours  
$15.50

This test utilizes the ACT WorkKeys Reading for Information assessment to evaluate and quantify a student’s ability to read, and understand memos, bulletins, notices, letters, policy manuals and government regulations.

**LSC-University Park**  
6530 TESTC 8900122 6002  
W 6/21  
11 am-Noon  
UPEMI 143

**6464 TESTC 8900122 6001  
W 7/12  
11 am-Noon  
UPEMI 143

**5055 TESTC 8900122 6001  
W 10/4  
11 am-Noon  
UPEMI 143
Real Estate

Houston’s real estate market is booming and now is the time to consider a career in real estate. In addition to real estate agents, career opportunities include appraisers, finance, property managers, real estate consultants, and more.

In partnership with Champions Real Estate, Lone Star College offers courses for Texas real estate licensing and professional development for existing realtors in various formats including Fast-Track Correspondence, Correspondence Online, and Home Study Correspondence.

Other courses include:
- Appraisals
- Finance
- Investments
- Law Marketing
- Property Management

For more information, contact Tomball CE at LSCTBCE@LoneStar.edu
281.357.3676

Champions School of Real Estate at www.ChampionsSchool.com #0123

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Planning an offsite corporate retreat? Organizing a meeting? Lone Star College Conference Centers can accommodate your needs for these events and more.
LoneStar.edu/CorporateCollege

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Programs Funded:
- Manufacturing
- Nursing Assistant
- Oil & Gas
- Payroll Assistant
- Truck Driving

281.357.3673 • LoneStar.edu/Programs
Champions School of Real Estate

Real Estate Courses
Lone Star College has partnered with Champions School of Real Estate for students interested in a real estate profession. Courses are conveniently available through fast-track correspondence, correspondence-online and home study correspondence, and are designed for salesperson licensing and apprentice education. To register or for more information, visit www.ChampionsSchool.com or call 281.496.7386.

Online Education

LSC-Online
Career & Technical Education Courses
These courses are offered through Lone Star College online. To register for these classes, just follow the same process you would to register for a class on campus, and choose “Fully Online 100%” as Mode of Instruction.

Access I
Access II
Accounting I, Intermediate
Accounting I, Introduction
Accounting I, Principles
Accounting II, Intermediate
Accounting II, Principles
Accounting, Government and Not-for-Profit
Adult Basic Education & GED Preparatory
Anatomy and Physiology I & II, Reviews
Art Appreciation
AutoCAD, Advanced
AutoCAD, Intermediate
AutoCAD, Introduction
Business Computer Applications
Business Ethics
Business Law I
Business Principles
Clinical Teaching
Communication Skills for Managers
Components of Special Education
Computer Illustration
Creating Successful Classrooms
Digital Imaging I
Digital Publishing I
Electrical Calc. I
Employee Performance Review
Excel Complete
Excel I
Excel II
Federal Income Tax, Individual
Federal Income Tax, Partnerships/Corporations
Fitness and Wellness
French I
French II
Generalist Teacher Preparation
German I, Beginning
Health Occupations Professionalism WP
Human Resource Management
Information and Project Management
Lead Effective Meetings
Leading Strategically
Lean Six Sigma Black Belt Certification
Lean Six Sigma Green Belt
Legal Issues for Supervisors
Management, Principles
Marketing, Principles
MCAS Exam (Access)
MCAS Exam (Excel)
MCAS Exam (PowerPoint)
MCAS Exam (Word)
Medical Terminology I
Minority Cultures in US
National Electrical Code I
Office, Accounting I
Office, Accounting II
Pedagogy and Professional Responsibilities (PPR)
Personal Finance
Photoshop I
Photoshop II
PowerPoint I
PowerPoint II
Project Scheduling using MS Project
Public Budgets & Management
QuickBooks I
QuickBooks II
Small Business Management
Spanish I, Beginning
Spanish II, Beginning
Spanish I, Intermediate
Spanish II, Intermediate
Substitute Teacher Training
Supervision, Introduction
TCP Internship Extension
TCP Internship I
TCP Internship II
Team Building in the Workplace
TexES Review: PPR EC-12
Time Management
Web Page Creation
Word Complete
Word I
Word II
Workplace Microbiology
Ed2Go
Lone Star College is partnered with ed2go, an online instruction center that offers a wide range of highly interactive online courses. All of the courses are led by expert instructors, many of whom are nationally known authors. The online courses are affordable, fun, fast, convenient, and geared just for you.

View & Register for Classes

1. **Get online.** Go to ed2go.com/LoneStar

2. **Find a class.**
   Browse the catalog or search for a specific course. You can select a course to view more info.

3. **Enroll.** Click “Enroll Now” to enroll and complete the process.

4. **Check your email.** You will receive a confirmation email from ed2go, and within two business days, you will receive an email from Lone Star College with the course registration number and instruction on how to pay for the course. Full access will be given on start date after payment is made to Lone Star College.

**Questions?** Contact Marilyn Silva at 281.357.3764.

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**Career Training Programs**

**in partnership with ed2go**

**Business and Professional**
- Administrative Assistant Fundamentals
- Become an Optical Assistant
- Business Finance for Non-Finance Personnel
- Business Marketing Writing
- Fundamentals of Supervision & Management I & II
- Introduction to Non-Profit Management
- Managing Customer Service
- Performing Payroll in QuickBooks
- Professional Sales Skills
- Real Estate Investing
- Start a Pet Business

**Healthcare and Fitness**
- Certificate in Food, Nutrition and Health
- Certificate in Healthy Aging
- Explore a Career in Medical Assistant
- Explore a Career in Medical Coding
- Legal Nursing Consulting
- Lose Weight and Keep It Off

**IT and Software Development**
- Video Game Design and Development
- CompTIA™ Network+ Certification Training
- CompTIA™ Security+ Certification Training
- iPhone/iPad (iOS) Application Developer

For more info and classes, go to CareerTraining.ed2go.com/LoneStar

See next page for featured courses
Ed2Go Featured Courses

View the complete course catalog online at ed2go.com/LoneStar.

Basic Computer Literacy
- Computer Skills for the Workplace
- Linux
- Keyboarding
- Basic Computer Skills

Business Communication & Leadership
- Achieving Success with Difficult People
- Building Teams That Work
- Interpersonal Communication
- Keys to Effective Communication
- Leadership

Business Fundamentals
- Business Fundamentals
- Supervision and Management
- Technical Writing
- Total Quality Fundamentals

Business Writing
- Business and Marketing Writing
- Resume Writing Workshop
- Writing Essentials

Certification Prep
- CompTIA A+ Certification Prep
- Microsoft Windows Certification Prep

Children, Parents and Family
- Assisting Aging Parents
- Everyday Math
- Genealogy Basics
- Handling Medical Emergencies
- Homeschool with Success
- Ready, Set, Read!
- Understanding Adolescents

Computer Programming
- ASP.NET
- C# Programming
- C++ Programming
- Java Programming
- Perl Programming
- PHP and MySQL
- Python Programming
- Visual Basic

Creative Writing
- Fiction Writing
- Grammar Refresher
- Internet Writing Markets
- Journalism
- Mystery Writing
- Pleasures of Poetry
- Research Methods for Writers
- Romance Writing
- Secrets
- The Craft of Magazine Writing
- The Keys to Effective Editing
- Travel Writing
- Write Fiction Like a Pro
- Write Your Life Story
- Writer’s Guide to Descriptive Settings
- Writer’s Guides
- Writer’s Workshop
- Writerific
- Writing for Children

Database Management
- Database Development
- Oracle
- SQL

Digital Photography
- Discovery Digital Photography
- Photoshop Elements
- Secrets of Better Photography

Finance and Personal Wealth
- Get Paid to Travel
- Introduction to Stock Options
- Keys to Successful Money Management
- Personal Finance
- Real Estate Investing
- Stocks, Bonds, and Investing: Oh, My!
- The Analysis and Valuation of Stocks
- Where Does All My Money Go?

Grant Writing and Nonprofit
- A to Z Grant Writing
- Becoming a Grant Writing Consultant
- Get Grants!
- Grant Proposal Writing
- Marketing Your Nonprofit
- Nonprofit Management
- Wow, What a Great Event!
- Writing Effective Grant Proposals

Health Science and Wellness
- Anatomy & Physiology I & II, Review
- CPR
- Healing Through Hypnosis
- Human Anatomy and Physiology
- Luscious, Low-Fat, Lightning-Quick Meals
- Medical Coding
- Medical Terminology
- Medical Transcription
- Natural Health and Healing
- Nitrous Oxide Sedation Monitoring
- Occupational Performance
- Occupational Therapy Management
- Optical Assistant
- Physical Function in Occupational Therapy
- Physical Therapy Aide

HTML Courses
- Creating Web Pages
- CSS and XHTML
- Designing Effective Websites
- Resume Writing Workshop
- Twelve Steps to a Successful Job Search

Languages
- Conversational French
- Conversational Japanese
- Instant Italian
- Spanish in the Classroom
- Speed Spanish

Law and Legal
- Employment Law Fundamentals
- Evidence Law
- Introduction to Criminal Law
- Legal Nurse Consulting

Real Estate Law
- Winning Strategy for the Courtroom
- Worker’s Compensation

Microsoft & Adobe Courses
- Access
- Adobe Acrobat
- Dreamweaver
- Excel
- Illustrator
- Microsoft Office Accounting Professional
- Microsoft Project
- Microsoft Publisher
- Microsoft Visio
- Outlook
- Performing Payroll
- Photoshop
- PowerPoint
- What’s New in Microsoft Office
- Windows XP
- Word

Networking and Security
- Networking
- PC Security
- PC Troubleshooting
- Wireless Networking

Publishing
- Guide to Getting Published
- Internet Writing Markets
- Publish it Yourself

Sales and Marketing
- Effective Selling
- Principles of Sales Management
- Professional Sales Skills

Start Your Own Business
- Creating a Successful Business Plan
- Get Paid to Travel
- Growing Plants for Fun and Profit
- Secrets of the Caterer
- Start and Operate your own Home-Based Business
- Start Your Own Arts and Craft Business
- Start Your Own Small Business
- Starting a Consulting Practice

Teaching
- Creating the Inclusive Classroom
- The Creative Classroom
- Differentiated Instruction in the Classroom
- Solving Classroom Discipline Problems
- Survival Kit for New Teachers
- Teaching ESL/EFL
- Teaching ESL/EFL Grammar
- Teaching ESL/EFL Reading
- Teaching ESL/EFL Vocabulary
- Understanding Adolescents
### Business & Professional Services

#### Accounting and Business Ethics
ACNTC 2104001 48 Contact Hours $249  
Ethical standards and behaviors, codes of professional conduct, and the impact of unethical behavior on an individual, business, and society. We will discuss the fundamental ethical issues of business and society, the roles and responsibilities of accounting and auditing professionals, ethical behavior by management, and legal and professional guidelines that address the ethical concerns of society. This course meets the qualifying educational credit required for the CPA examination and is part of the Accounting Advanced Technical Certificate (ATC). Department Approval. This course is linked to ACNT 1340.

**LSC-Creekside Center**  
9875 ACNTC 2104001 KE01 8/28/10/22  
This is an 8-week course that begins 8/28 and ends 10/22. Access your online course at www.lonestar.edu/lsc-online. This course is for CPA students only. This course qualifies for educational credit required for the Texas CPA exam. Students who are already approved for the CPA program contact Rita.F.Ray@Lonestar.edu for registration. Students seeking approval for admission to the CPA program contact Karen.N.Russom@lonestar.edu. All exams must be proctored by an approved testing center. Instruction Type: Online

#### Accounting I, Introduction
ACNTC 2100301 80 Contact Hours $249  
A study of analyzing, classifying, and recording business transactions in a manual and computerized environment. Emphasis on understanding the complete accounting cycle and preparing financial statements, bank reconciliations, and payroll. This course linked to ACNT 1303. Prerequisites: ENGL 0304 or ENGL 0339 and ENGL 0306 or ENGL 0355 or placement of testing, MATH 0306.

**LSC-North Harris**  
3975 ACNTC 2100301 1003 7/138/20  
Internet access and minimum computer skills required Department consent required. Contact the CTE office at a LSC campus to register. Instruction Type: Online

#### Accounting, Office II
ACNTC 2104201 24 Contact Hours $336  
Focus on accounting for merchandising, notes payable, notes receivable, valuation of receivables, valuation of plant and equipment, and voucher system.

**LSC-Kingwood**  
6714 ACNTC 2104201 2001 Th 6/157/27  
6715 ACNTC 2104201 2002 Sa 7/158/26  
6716 ACNTC 2104201 2003 Su 8/159/26  
8280 ACNTC 2104201 2001 F 9/1510/27  
8281 ACNTC 2104201 2002 Su 10/1511/26  
8282 ACNTC 2104201 2003 W 11/1512/27  
8283 ACNTC 2104201 2004 F 12/151/26  
Classes start on the 15th each month and are six weeks in duration. Student must have access to the Internet, an email account, and courseware. Scan and email the completed registration form to LSCKCE@LoneStar.edu or fax it to 281.312.1612. Call 281.312.1660 for more information. Instruction Type: Online

#### Business Principles
BUSIC 3100101 48 Contact Hours $249  
This course provides a survey of economic systems, forms of business ownership, and considerations for running a business. Students will learn various aspects of business management, leadership functions; organizational considerations; and decision-making processes. Financial topics are introduced, including accounting, money and banking, and securities markets. Also included are discussions of business challenges in the legal and regulatory environment, business ethics, social responsibility, and international business. Emphasized is the dynamic role of business in everyday life. This course is linked to BUSI 1301.

**LSC-Fairbanks Center**  
9106 BUSIC 3100101 F001 8/28/12/17  
Access your online course at www.lonestar.edu/lsc-online. Instruction Type: Online

#### Communication Skills for Managers
BMGTC 1101900 8 Contact Hours $128  
Basic theory of communication skills as appropriate and applicable to individuals or groups in the business environment. Includes listening, speaking, writing, and communicating non-verbally.

**LSC-Montgomery**  
1355 BMGTC 1101900 4002 NSu 7/247/30  
Department consent required. Contact the CTE office at a LSC campus to register. Instruction Type: Online

**LSC-University Park**  
4973 BMGTC 1101900 6001 NSu 10/1610/22  
Please contact instructor by email before start date of course at Janet.L.Taber@lonestar.edu Instruction Type: Online  
4975 BMGTC 1101900 6002 NSu 12/412/10  
Please contact instructor by email before start date of course at Janet.L.Taber@lonestar.edu Instruction Type: Online
<table>
<thead>
<tr>
<th>Course Title</th>
<th>BMGTC Code</th>
<th>Contact Hours</th>
<th>Cost</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Employee Performance Review</td>
<td>1101100</td>
<td>8</td>
<td>$128</td>
<td>A course to provide organizational leaders with methods to conduct discussions on workplace performance. Topics include identifying performance situations which require action and preparing for a collaboration performance review.</td>
</tr>
<tr>
<td>Legal Issues for Supervisors</td>
<td>1109502</td>
<td>8</td>
<td>$128</td>
<td>Topics address recently identified current events, skills, knowledge, and/or attitudes and behaviors pertinent to the technology or occupation and relevant to the professional development of the student. This course was designed to be repeated multiple times to improve student proficiency. Prepares supervisors to handle basic human resource functions in a way that will assure the best possible result. Emphasizes employee rights and the legal aspects of supervision.</td>
</tr>
<tr>
<td>Lead Effective Meetings</td>
<td>1109121</td>
<td>8</td>
<td>$128</td>
<td>Topics address recently identified current events, skills, knowledge, and/or attitudes and behaviors pertinent to the technology or occupation and relevant to the professional development of the student. This course was designed to be repeated multiple times to improve student proficiency. Learn to bring focus to every agenda, handle disruptions with ease and condense meetings for more productive use of time.</td>
</tr>
<tr>
<td>Lean Six Sigma Black Belt Certification</td>
<td>1109150</td>
<td>62</td>
<td>$3326</td>
<td>Topics address recently identified current events, skills, knowledge, and/or attitudes and behaviors pertinent to the technology or occupation and relevant to the professional development of the student. Course was designed to be repeated multiple times to improve student proficiency. This course is designed to take Green Belts to the Black Belt level; this certification requires completing a capstone project, which gives you the opportunity to apply the knowledge and skills acquired to specific problems. As a Black Belt or Project Lead, you will master the skills necessary to lead a complex process improvement project that produces bottom line results. Format: Workshop/Online.</td>
</tr>
</tbody>
</table>

**LSC-Montgomery**

1. **Legal Issues for Supervisors**
   - 1351 BMGTC 1101100 4001 NSu 6/19/25
     - Department consent required. Contact the CTE office at a LSC campus to register.
     - Instruction Type: Online

2. **Lead Effective Meetings**
   - 1352 BMGTC 1109121 4001 NSu 6/26/22
     - Department consent required. Contact the CTE office at a LSC campus to register.
     - Instruction Type: Online
   - 1353 BMGTC 1109121 4002 NSu 8/14/20
     - Department consent required. Contact the CTE office at a LSC campus to register.
     - Instruction Type: Online

**LSC-University Park**

1. **Legal Issues for Supervisors**
   - 4964 BMGTC 1101100 6001 NSu 9/25/10
     - Please contact instructor by email before start date of course at Janet.L.Taber@lonestar.edu
     - Instruction Type: Online
   - 4965 BMGTC 1101100 6002 NSu 11/6/12
     - Please contact instructor by email before start date of course at Janet.L.Taber@lonestar.edu
     - Instruction Type: Online

2. **Lead Effective Meetings**
   - 4967 BMGTC 1109121 6001 NSu 10/2/10
     - Please contact instructor by email before start date of course at Janet.L.Taber@lonestar.edu
     - Instruction Type: Online
   - 4969 BMGTC 1109121 6002 NSu 11/13/11
     - Please contact instructor by email before start date of course at Janet.L.Taber@lonestar.edu
     - Instruction Type: Online
Payroll Accounting I
ACNTC 2101511 24 Contact Hours $336
Focus on payroll and associated records, including time and record keeping, actual payroll, and quarterly and annual reports.

LSC-Montgomery
2314 ACNTC 2101511 4001 NSu 10/9-10/22
Department consent required. Contact the CTE office at a LSC campus to register.
Instruction Type: Online

Payroll Accounting II
ACNTC 2109112 24 Contact Hours $336
Continuation of Payroll Accounting I. Focus on payroll and associated records, including time and record keeping, actual payroll, and quarterly and annual reports.

LSC-Montgomery
2315 ACNTC 2109112 4001 NSu 10/30-11/12
Department consent required. Contact the CTE office at a LSC campus to register.
Instruction Type: Online

Personal Finance
BUSIC 3100401 48 Contact Hours $279
A study of the financial problems which people ordinarily encounter in personal money management. Includes financial planning, budgeting, insurance, buying taxes, use of credit, consumer protection, investing, savings, home ownership, estate planning, and basic statistics as applied to consumer problems. This course is linked to BUSI 1307. Prerequisite: College Level Readiness in Reading AND Writing

LSC-Fairbanks Center
12233 BUSIC 3100401 F001 8/28-12/17
Online orientation required Access your online course at www.LoneStar.edu/lsc-online. Instruction Type: Online

Principles of Financial Accounting
ACCTC 3200101 80 Contact Hours $372
This course is an introduction to the fundamental concepts of financial accounting as prescribed by U.S. generally accepted accounting principles (GAAP) as applied to transactions and events that affect business organizations. Students will examine the procedures and systems to accumulate, analyze, measure, and record financial transactions. Students will use recorded financial information to prepare a balance sheet, income statement, statement of cash flows, and statement of shareholders’ equity results of operations and financial position to users of financial information who are external to the company. Students will study the nature of assets, liabilities, and owners’ equity while learning to use reported financial information for purposes of making decisions about the company.

LSC-Fairbanks Center
12450 ACCTC 3200101 F001 8/28-12/17
Online orientation required. Access your online course at www.LoneStar.edu/lsc-online. Instruction Type: Online

Project Scheduling using MS Project
CNBTC 2105901 48 Contact Hours $659
A study of conventional scheduling using critical-path-method; precedence and arrow networks; bar charts; monthly reports; and fast-track scheduling. Explore the process of organizing, scheduling, and managing several tasks in a required sequence so that a project is completed within a specified time period and budget. Requirements: students must have access to the Internet, e-mail and Microsoft Project.

Supervision, Introduction
BMGTC 1101000 8 Contact Hours $128
Discussion of basic supervisory tasks, performance skills, common problems encountered, and effective solution strategies.

LSC-Montgomery
1354 BMGTC 1101000 4002 NSu 7/17-7/23
Department consent required. Contact the CTE office at a LSC campus to register.
Instruction Type: Online

Team Building in the Workplace
BMGTC 1101907 8 Contact Hours $128
Basic principles of building and sustaining teams in organizations. Includes team dynamics, process improvement, trust and collaboration, and the role of the individual in the team.

LSC-Montgomery
1353 BMGTC 1101907 4002 NSu 7/7-3/9
Department consent required. Contact the CTE office at a LSC campus to register.
Instruction Type: Online

LSC-University Park
4970 BMGTC 1101000 6001 NSu 10/9-10/15
Please contact instructor by email before start date of course at Janet.L.Taber@Lonestar.edu Instruction Type: Online
4972 BMGTC 1101907 6002 NSu 11/27-12/3
Please contact instructor by email before start date of course at Janet.L.Taber@Lonestar.edu Instruction Type: Online

Register for classes online at LoneStar.edu/CTE
Questions? Email LSCCE@LoneStar.edu
Computer/Digital Technology

Access I

An introduction to database concepts including: Program parameters, data dictionary, optional field characteristics, calculations, constant default values, data entry form design, database organization, and report generation. Prerequisite: Windows training or equivalent knowledge.

LSC-Kingwood

Classes start on the 15th of each month and are four weeks in duration. Student must have access to the Internet, an email account, and the current version of the software being studied. An electronic textbook and other course materials are supplied through an online site operated by the textbook publisher and is required. An additional fee is payable to the publisher for access to these materials. Scan and e-mail the completed registration form to LSCKCE@LoneStar.edu or fax completed registration form to 281.312.1612. Call 281.312.1660 for more information. Instruction Type: Online

Excel I

Instruction in terminology, program parameters, display characteristics, formatting features, mathematical functions, and printing. Create and modify workbooks, format worksheets, create and apply ranges, and create and print reports. Additional topics include using formulas, creating and modifying lines and objects. Prerequisite: Windows or equivalent knowledge.

LSC-Kingwood

Classes start on the 15th of each month and are four weeks in duration. Student must have access to the Internet, an email account, and the current version of the software being studied. An electronic textbook and other course materials are supplied through an online site operated by the textbook publisher and is required. An additional fee is payable to the publisher for access to these materials. Scan and e-mail the completed registration form to LSCKCE@LoneStar.edu or fax completed registration form to 281.312.1612. Call 281.312.1660 for more information. Instruction Type: Online

Excel II

Instruction in moving and copying, cell contents; sorting mathematical, statistical, and financial functions; date and time arithmetic; report generation; and built-in graphics support; data and time arithmetic; report generation; and built-in graphics support. Create formulas to generate mathematical functions; create charts and produce reports. Prerequisite: Excel I.

LSC-Kingwood

Classes start on the 15th of each month and are four weeks in duration. Student must have access to the Internet, an email account, and the current version of the software being studied. An electronic textbook and other course materials are supplied through an online site operated by the textbook publisher and is required. An additional fee is payable to the publisher for access to these materials. Scan and e-mail the completed registration form to LSCKCE@LoneStar.edu or fax completed registration form to 281.312.1612. Call 281.312.1660 for more information. Instruction Type: Online

Networking Technologies, Fundamentals

Instruction in networking technologies and their implementation. Topics include the OSI reference model, network protocols, transmission media, and networking hardware and software. This course is linked to ITNW 1325. Prerequisite: ITSC or COSC 1301.

LSC-Kingwood

Students must have access to the Internet. This course is prep for the CompTIA Network+ exam. Access your online course at www.LoneStar.edu/lsc-online. Instruction Type: Online

Online class. Access your online course at www.LoneStar.edu/lsc-online. Instruction Type: Online
Photoshop I
ITSWC 2100302 16 Contact Hours $232
Graphics software for image enhancement, photo retouching, and image composition. Apply the basics of digital imaging, and use of common tools, palettes, and commands for manipulating images and compressing them for the fastest downloads. Prerequisites: Computer Fundamentals or equivalent knowledge required.

LSC-Kingwood
6726 ITSWC 2100302 2001 Th 6/15/7/15
6727 ITSWC 2100302 2002 Sa 7/15/8/15
6728 ITSWC 2100302 2003 T 8/15/9/15
8711 ITSWC 2100302 2001 F 9/15/10/15
8712 ITSWC 2100302 2002 Su 10/15/11/15
8713 ITSWC 2100302 2003 W 11/15/12/15
8714 ITSWC 2100302 2004 F 12/15/11/15
Classes start on the 15th each month and are four weeks in duration. Student must have access to the Internet, an email account, and current version of the software being studied. Scan and e-mail the completed registration form to LSCKCE@LoneStar.edu or fax completed registration form to 281.312.1612. Call 281.312.1660 for more information. Instruction Type: Online

Photoshop II
GRPHC 2109104 16 Contact Hours $232
Develop your skills as you explore photo manipulation and illustration techniques. Topics include: photograph combination, embossing, masking, channel techniques, type, add colorizing B&W photographs. Prerequisite: Photoshop I.

LSC-Kingwood
6723 GRPHC 2109104 2001 Th 6/15/7/15
6724 GRPHC 2109104 2002 Sa 7/15/8/15
6725 GRPHC 2109104 2003 T 8/15/9/15
8638 GRPHC 2109104 2001 F 9/15/10/15
8639 GRPHC 2109104 2002 Su 10/15/11/15
8640 GRPHC 2109104 2003 W 11/15/12/15
8641 GRPHC 2109104 2004 F 12/15/11/15
Classes start on the 15th of each month and are four weeks in duration. Student must have access to the Internet, an email account, and the current version of the software being studied. Scan and e-mail the completed registration form to LSCKCE@LoneStar.edu or fax the completed registration to 281.312.1612. Call 281.312.1660 for more information. Instruction Type: Online

PowerPoint I
ITSWC 2103702 16 Contact Hours $232
Introduction to computerized presentation graphics that leads the participant through planning, design, and production of business graphics and charts. Presentation files are produced utilizing multimedia software. Microsoft PowerPoint is used to create dynamic presentations that incorporate special effects. Prerequisite: Windows or equivalent knowledge.

LSC-Kingwood
6668 ITSWC 2103702 2001 Th 6/15/7/15
6669 ITSWC 2103702 2002 Sa 7/15/8/15
6670 ITSWC 2103702 2003 T 8/15/9/15
8016 ITSWC 2103702 2001 F 9/15/10/15
8017 ITSWC 2103702 2002 Su 10/15/11/15
8018 ITSWC 2103702 2003 W 11/15/12/15
8019 ITSWC 2103702 2004 F 12/15/11/15
Classes start on the 15th of each month and are four weeks in duration. Student must have access to the Internet, an email account, and the current version of the software being studied. An electronic textbook and other course materials are supplied through an online site operated by the textbook publisher and is required. An additional fee is payable to the publisher for access to these materials. Scan and e-mail the completed registration form to LSCKCE@LoneStar.edu or fax completed registration form to 281.312.1612. Call 281.312.1660 for more information. Instruction Type: Online

PowerPoint II
ITSWC 2104102 16 Contact Hours $232
Create and modify multimedia presentations complete with slides, charts, and special effects. Microsoft PowerPoint is used to create dynamic presentations for demonstrations and the Web using graphs, charts, hyperlinks, objects, and timings. Prerequisite: PowerPoint I or equivalent knowledge.

LSC-Kingwood
6665 ITSWC 2104102 2001 Th 6/15/7/15
6666 ITSWC 2104102 2002 Sa 7/15/8/15
6667 ITSWC 2104102 2003 T 8/15/9/15
8012 ITSWC 2104102 2001 F 9/15/10/15
8013 ITSWC 2104102 2002 Su 10/15/11/15
8014 ITSWC 2104102 2003 W 11/15/12/15
8015 ITSWC 2104102 2004 F 12/15/11/15
Classes start on the 15th of each month and are four weeks in duration. Student must have access to the Internet, an email account, and the current version of the software being studied. An electronic textbook and other course materials are supplied through an online site operated by the textbook publisher and is required. An additional fee is payable to the publisher for access to these materials. Scan and e-mail the completed registration form to LSCKCE@LoneStar.edu or fax completed registration form to 281.312.1612. Call 281.312.1660 for more information. Instruction Type: Online

QuickBooks I
ACNTC 2101002 16 Contact Hours $232
Set up accounts; record and process basic transactions, journal entries, accounts receivable and payable; and generate fundamental business reports. Additional topics include cost accounting, budget controls, and year-end reporting. Prerequisites: Windows or equivalent knowledge and Office Accounting or equivalent experience.

LSC-Kingwood
6745 ACNTC 2101002 2001 Th 6/15/7/15
6746 ACNTC 2101002 2002 Sa 7/15/8/15
6747 ACNTC 2101002 2003 T 8/15/9/15
8753 ACNTC 2101002 2002 F 9/15/10/15
8754 ACNTC 2101002 2003 Su 10/15/11/15
8755 ACNTC 2101002 2004 W 11/15/12/15
8756 ACNTC 2101002 2005 F 12/15/11/15
Classes start on the 15th each month and are six weeks in duration. Student must have access to the Internet, an email account, and courseware. Scan and e-mail the completed registration form to LSCKCE@LoneStar.edu or fax it to 281.312.1612. Call 281.312.1660 for more information. Instruction Type: Online
QuickBooks II
ACNTC 2105402 16 Contact Hours $232
Enhance your skills using advanced features in accounts receivable, transactions, invoicing, adjustments, and security features. Topics include advanced report verification and generation. Prerequisite: QuickBooks I or equivalent experience.

LSC-Kingwood
6742 ACNTC 2105402 2002 Th 6/157/27
6743 ACNTC 2105402 2003 Su 7/158/26
6744 ACNTC 2105402 2004 T 8/159/26
8749 ACNTC 2105402 2002 F 9/1510/27
8750 ACNTC 2105402 2003 Su 10/15-11/26
8751 ACNTC 2105402 2004 W 11/15-12/27
8752 ACNTC 2105402 2005 F 12/15-1/26
Classes start on the 15th each month and are six weeks in duration. Student must have access to the Internet, an email account, and courseware. Scan and e-mail the completed registration form to LSCKCE@LoneStar.edu or fax it to 281.312.1612. Call 281.312.1660 for more information. Instruction Type: Online

Web Page Creation - Online
IMEDC 2100201 32 Contact Hours $440
Web site creation with graphic elements. Includes use of Web authoring software and study of websites and browsers. Design, layout and publishing techniques for Web documents. Utilizes techniques for developing tables and forms using HTML and Dreamweaver. Prerequisite: Internet browser and email experience. Requirements: Internet access and email. Student must have access to the MX version of Dreamweaver or greater.

LSC-Kingwood
6729 IMEDC 2100201 2001 Th 6/158/15
6730 IMEDC 2100201 2002 Su 7/159/15
6731 IMEDC 2100201 2003 T 8/1510/15
8724 IMEDC 2100201 2001 F 9/1511/15
8725 IMEDC 2100201 2002 Su 10/15-12/15
8726 IMEDC 2100201 2003 W 11/15-1/15
8727 IMEDC 2100201 2004 F 12/15-1/15
Classes start on the 15th each month and are 8 weeks in duration. Student must have access to the Internet, an email account, and current version of the software being studied. Scan and e-mail the completed registration form to LSCKCE@LoneStar.edu or fax completed registration form to 281.312.1612. Call 281.312.1660 for more information. Instruction Type: Online

Word I
POFIC 2102406 16 Contact Hours $232
Introduction to word processing terminology, editing functions, formatting, and special text options. Prerequisite: Computer Fundamentals or equivalent knowledge. USB drive required.

LSC-Kingwood
6688 POFIC 2102406 2001 Th 6/157/15
6689 POFIC 2102406 2002 Su 7/158/15
6690 POFIC 2102406 2003 Su 8/159/15
8033 POFIC 2102406 2001 F 9/1510/15
8034 POFIC 2102406 2002 Su 10/15-11/15
8035 POFIC 2102406 2003 W 11/15-12/15
8036 POFIC 2102406 2004 F 12/15-1/15
Classes start on the 15th of each month and are four weeks in duration. Student must have access to the Internet, an email account, and the current version of the software being studied. An electronic textbook and other course materials are supplied through an online site operated by the textbook publisher and is required. An additional fee is payable to the publisher for access to these materials. Scan and e-mail the completed registration form to LSCKCE@LoneStar.edu or fax completed registration form to 281.312.1612. Call 281.312.1660 for more information. Instruction Type: Online
Clinical Teaching
ATCPC 7000026 62 Contact Hours $1020
The Clinical Teaching course prepares a candidate in the Alternative Teacher Certification Program to be recommended for Texas standard teacher certification. The course provides candidates with preparation training and field-based classroom experience at the appropriate grade level and content area. Clinical teachers work with a mentor teacher in a K-12 school for a minimum of 12 weeks, while under the supervision of the program. With the completion of Clinical Teaching and the 300+ hours of coursework and training per the Texas Education Agency, the candidate will be recommended for a Standard Certification. Total 62 Contact Hours (Pre-Service 24 hours) (online 24 hours) (Post-Service 14 hours).

LSC-Kingwood
5606 ATCPC 7000026 5001 M 8/14-16/16
Department consent required. Contact the CTE office at a LSC campus to register. Instruction Type: Online

Components of Special Education
ATCPC 7000027 48 Contact Hours $528
An introduction to Special Education, emphasizing proven practices, making accommodations and delivery of individualized instruction tailored to the specific needs of individual students with disabilities. Students will also develop awareness, sensitivity, knowledge, skills and competence necessary to become a special educator. This course is required to meet the 300+ hours of coursework and training to be in compliance with the Texas Education Agency to be recommended for a Standard Certification.

LSC-CyFair
4910 ATCPC 7000027 5001 M 8/28-11/17
Department consent required. Contact the CTE office at a LSC campus to register. Instruction Type: Online

LSC-North Harris
5712 ATCPC 7000027 1001 M 9/18-12/11
Instruction Type: Online

Creating Successful Classrooms
ATCPC 7000081 48 Contact Hours $528
This course will address components of successful classroom management and effective instructional methods. Students will learn strategies to create an effective and positive learning environment for all students. This course is required to meet the 300+ hours of coursework and training to be in compliance with the Texas Education Agency to be recommended for a Standard Certification.

LSC-North Harris
5753 ATCPC 7000081 1001 M 9/11-12/11
Instruction Type: Online

Generalist Teacher Preparation
ATCPC 7000086 48 Contact Hours $528
The Generalist course prepares individuals to teach in early childhood through grade 8 classrooms in Texas. The course addresses the standards and competencies needed to pass the TExES EC-6 and/or 4-8 Generalist examinations, and provides students with the knowledge and skills associated with elementary curricular content and appropriate learning and assessment practices. This course is required to meet the 300+ hours of coursework and training to be in compliance with the Texas Education Agency to be recommended for a Standard Certification.

LSC-CyFair
4910 ATCPC 7000086 5001 M 9/11-12/11
Department consent required. Contact the CTE office at a LSC campus to register. Instruction Type: Online

Pedagogy and Professional Responsibilities (PPR)
ATCPC 7000062 108 Contact Hours $913
Students will learn to design developmentally appropriate classroom instruction and assessment; create a positive, productive learning environment; manage a classroom in a way that encourages cooperation and self-discipline; and apply technology applications as part of the instructional process. This course requires 30 hours of external field-based experience in K-12 schools. This course is required to meet the 300+ hours of coursework and training to be in compliance with the Texas Education Agency to be recommended for a Standard Certification.

LSC-CyFair
4910 ATCPC 7000062 5001 M 9/21-12/11
Department consent required. Contact the CTE office at a LSC campus to register. Instruction Type: Online

Substitute Teacher Training
EDTCC 2100201 12 Contact Hours $132
An exploration of the role of the substitute, identification of student needs, behavior modification and classroom management, teaching methodologies, school personnel relationships, mandated state standards, and growth and development of students. NOTE: Before registering for this class, please check with your local school district to find out the requirements for working as a substitute teacher in that district. Some districts require a minimum number of college credit hours. This course may be used to complete the Substitute Teaching Certification along with taking the Tools for Teaching class. Book required.

LSC-CyFair
1425 EDTCC 2100201 5001 M 7/24-8/7
Department consent required. Contact the CTE office at a LSC campus to register. Instruction Type: Online

LSC-North Harris
5774 EDTCC 2100201 1001 M 9/11-9/22
Instruction Type: Online
TCP Internship Extension
ATCPC  7000055  48 Contact Hours  $528
This fee is charged to individuals who have not completed all requirements of their internship and who must extend their internship and the mentoring relationship for one more semester.  
LSC-Kingwood 7099  ATCPC  7000055  2001 M  8/28/12/15  
Instruction Type: Online

TCP Internship I
ATCPC  7000065  32 Contact Hours  $1020
This course is designed for post-baccalaureate individuals who have been accepted into the Alternative Teacher Certification Program with the Lone Star College System and have been hired as the teacher of record by a school accredited through the Texas Education Agency. The intern will learn the fundamentals of preparing to teach, as well as understanding instructional strategies that support a well-managed classroom. The intern will learn experimentally in the classroom and will be supported and coached by a supervisor assigned by the college. The course is required to meet the 300+ hours of coursework and training to be in compliance with the Texas Education Agency to be recommended for a Standard Certification.  
LSC-CyFair 4916  ATCPC  7000065  5001 M  8/28/12/15  
Department consent required. Contact the CTE office at a LSC campus to register.  
Instruction Type: Online

LSC-Kingwood 7319  ATCPC  7000065  2001 M  8/28/12/15  
Department consent required. Contact the CTE office at a LSC campus to register.  
Instruction Type: Online
LSC-Kingwood 7323  ATCPC  7000065  2002 M  8/28/12/15  
Department consent required. Contact the CTE office at a LSC campus to register.  
Instruction Type: Online

TCP Internship II
ATCPC  7000066  32 Contact Hours  $1020
This course is designed for post-baccalaureate individuals who have been accepted into the Alternative Teacher Certification Program with the Lone Star College System and have been hired as the teacher of record by a school accredited through the Texas Education Agency. The intern will learn the fundamentals of providing feedback to students, as well as understanding instructional strategies that support a well-managed classroom. The intern will learn experimentally in the classroom and will be supported and coached by a supervisor assigned by the college. The course is designed to demonstrate learner-centered instruction regardless of individual differences among students. This course is required to meet the 300+ hours of coursework and training to be in compliance with the Texas Education Agency to be recommended for a Standard Certification.  
LSC-CyFair 4917  ATCPC  7000066  5001 M  8/28/12/15  
Department consent required. Contact the CTE office at a LSC campus to register.  
Instruction Type: Online

LSC-Kingwood 7099  ATCPC  7000055  2001 M  8/28/12/15  
Instruction Type: Online

LSC-Montgomery 4905  ATCPC  7200018  4001 W  8/9/16  
Instruction Type: Online
LSC-Montgomery 4911  ATCPC  7200018  4002 W  9/6/13  
Instruction Type: Online

TExES Review: PPR EC-12
ATCPC  7200018  7 Contact Hours  $105.50
The TExES examination is an overview of the standards and competencies needed to pass the TExES examination. The course provides students with preparation training at the appropriate grade and content levels. This course is required to meet the 300+ hours of coursework and training to be in compliance with the Texas Education Agency to be recommended for a Standard Certification.  
LSC-Kingwood 4905  ATCPC  7200018  4001 W  8/9/16  
Instruction Type: Online
LSC-Montgomery 4911  ATCPC  7200018  4002 W  9/6/13  
Instruction Type: Online

Engineering Technology

AutoCAD, Introduction
DFTGC  2101401  32 Contact Hours  $440
Topics include CAD equipment selection and interface; software selection and installation; creating, editing and plotting of line drawings for architectural, electrical, circuit, mechanical, or interior design; create/modify graphic elements, storing and retrieving predefined components; and adding text and dimensions.  
LSC-CyFair 3482  DFTGC  2101401  5001 M  8/26/9/30  
Instruction Type: Online
LSC-Kingwood 8438  DFTGC  2101401  2002 M  9/11/10/20  
Student must have access to the Internet, an email account, and the current version of the software being studied. Scan and e-mail the completed registration form to LSCKCE@LoneStar.edu or fax it to 281.312.1612. Call 281.312.1660 for more information.  
Instruction Type: Online

AutoCAD, Intermediate
DFTGC  1105000  32 Contact Hours  $440
Topics include applications; creating, sorting, and retrieving predefined components; placing, rotating, and scaling components; modifying; rubber banding; adding text and dimensions to drawings; multilayered drawings, grids, orthogonal mode; data storage format for writing auxiliary programs; input and output devices; resolution and physical limitations. Textbook required.  
LSC-CyFair 1839  DFTGC  1105000  5001 M  6/19/7/20  
Department consent required. Contact the CTE office at a LSC campus to register.  
Instruction Type: Online
LSC-Kingwood 3489  DFTGC  1105000  5001 W  10/7/11/11  
Department consent required. Contact the CTE office at a LSC campus to register.  
Instruction Type: Online

LSC-Kingwood 8429  DFTGC  1105000  2002 M  10/23/12/8  
Student must have access to the Internet, an email account, and the current version of the software being studied. Scan and e-mail the completed registration form to LSCKCE@LoneStar.edu or fax it to 281.312.1612. Call 281.312.1660 for more information.  
Instruction Type: Online

Course Descriptions
Corporate College/Career & Technical Education

**Online Education**

**AutoCAD, Advanced**
DFTGC 1200400 32 Contact Hours $440
Two- and three-dimensional drawings using three-dimensional display options and specifying user-defined coordinate systems. Prerequisites: AutoCAD, Intermediate. Textbook required.

**LSC-CyFair**
1840 DFTGC 1200400 5001 MSu 7/24/17
Department consent required. Contact the CTE office at a LSC campus to register.
Instruction Type: Online

3490 DFTGC 1200400 5001 MSu 11/18-12/16
Department consent required. Contact the CTE office at a LSC campus to register.
Instruction Type: Online

**National Electrical Code I**
ELPTC 2102501 48 Contact Hours $249
An introductory study of the National Electric Code (NEC) for those employed in fields requiring knowledge of the Code. Emphasis on wiring design, protection, methods, and materials; equipment for general use; and basic calculations. This course is linked to ELPT 1325.

**LSC-Creekside Center**
10006 ELPTC 2102501 KE01 10/23-12/17
For more information, contact Antonius.L.Bom@lonestar.edu. Instruction Type: Online

**Electrical Calculations I**
ELPTC 2101501 48 Contact Hours $237
Introduction to mathematical applications utilized to solve problems in the electrical field. Topics include fractions, decimals, percentages, simple equations, ratio and proportion, unit conversions, and applied geometry. This course is linked to ELPT 1315.

**LSC-Creekside Center**
10006 ELPTC 2101501 KE01 10/23-12/17
For more information, contact Antonius.L.Bom@lonestar.edu. Instruction Type: Online

**Anatomy and Physiology I, Review**
SCITC 2100701 48 Contact Hours $443
An applied systematic study of the structure and function of the human body designed for students considering a career in the health field. Includes anatomical terminology, cells, tissues, and the following systems: integumentary, skeletal, muscular, nervous, and endocrine. Emphasis on homeostasis. Students will study the systems of the body, how they interact, and how they are regulated to maintain life and homeostasis. This is a very fast-paced course; Designed for students with a previous passing grade of at least C in Human Anatomy & Physiology I (BIOL 2401).

**LSC-CyFair**
1984 SCITC 2100701 5001 MSu 7/11-8/4
Department consent required. Contact the CTE office at a LSC campus to register.
Instruction Type: Online

6970 SCITC 2100701 5001 MSu 10/23-12/2
Instruction Type: Online

**LSC-Montgomery**
1347 SCITC 2100701 4002 MSu 7/24-8/27
Department consent required. Contact the CTE office at a LSC campus to register.
Instruction Type: Online

**Now is the time to train as a Machinist or a Computerized Numeric Control Operator.**

- Above average pay
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- Manual mill, lathe
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LSC-University Park
20315 SH 249 • Houston, TX 77070

For information, contact LSCUPCE@LoneStar.edu
Clinical Medical Assistant-LEC
MDCAC 2106001 112 Contact Hours $1155
A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional. Introduction to medical office operations, equipment, procedures, and human relations skills. Emphasis on the application of basic psychological principles and the study of behavior as they apply to special populations. Emphasis on structure and function of human cells, tissues, organs, and systems with overview of common pathophysiology. Topics include procedures for self-understanding and social adaptability in interpersonal communication with patients and co-workers in an ambulatory care setting. Application of governmental health care guidelines. Includes specimen collection and handling, quality assurance and quality control in performance of Clinical Laboratory Improvement Amendments (CLIA)-waived laboratory testing.
Department consent required. Contact the CTE office at a LSC campus to register.
Instruction Type: Online

Medical Terminology I
HITTC 2100500 32 Contact Hours $296
Study of medical terms through word origin and structure. Introduction to abbreviations and symbols, surgical and diagnostic procedures, and medical specialties. This course is a component of the Patient Care Tech Certification that prepares for National Center for Competency Exam.
LSC-CyFair
3656 HITTC 2100500 5001 9/20-11/8
Instruction Type: Online

Workplace Microbiology
SCITC 2101301 64 Contact Hours $579
A study of the identification and growth of microorganisms as pathogenic or non-pathogenic agents including epidemiology. Includes the detection of microbes and control of infectious agents in the workplace emphasizing sanitation and asepsis. Designed for students with a passing grade of at least a C in Medical Microbiology (BIOL 2420).
LSC-CyFair
6975 SCITC 2101301 5001 MSu 9/17-11/18
Instruction Type: Online
LSC-North Harris
6610 SCITC 2101301 1001 MSu 9/17-11/18
Instruction Type: Online

LoneStar.edu/Career-Services
English for Speakers of Other Languages

LSC-CYFAIR
9191 Barker Cypress Road
Cypress, TX 77433-1383
CASA Building, Room 116
CE: 281.290.3460

LSC-KINGWOOD
20000 Kingwood Drive
Kingwood, TX 77339-3801
CLA Building, Room 107
CE: 281.312.1660

LSC-MONTGOMERY
3200 College Park Drive
Conroe, TX 77384-4500
Building E, Room 205
CE: 936.273.7446

LSC-NORTH HARRIS
2700 W.W. Thorne Drive
Houston, TX 77073-3499
Comm Ed Building, Room 102
CE: 281.618.5602

LSC-TOMBALL
30555 Tomball Parkway
Tomball, TX 77375-4096
Building E, Room 166
CE: 281.357.3676

LSC-UNIVERSITY PARK
20515 State Highway 249 (at Louetta)
Houston, TX 77070-2607
Building 13, 3rd Floor, Room 303
CE: 281.290.2601

Search & Register for classes online at LoneStar.edu/CE
ESOL Grammar I
ESOLC 3000801 64 Contact Hours $231
This course is designed to help students with very little English proficiency to understand and use basic English grammar correctly in both written and spoken communication. Students develop control of fundamental structures including basic tenses, parts of speech and simple sentences. This course carries institutional credit but will not transfer and will not be used to meet degree requirements. Placement by exam. This course is linked to ESOL 0391.

LSC-CyFair
10762 ESOLC 3000801 5003 MW 8/28/12/17 5:40 pm-7:35 pm CASA 310
Department consent required. Contact the CTE office at a LSC campus to register.
10766 ESOLC 3000801 5005 TTh 8/28/12/17 8:30 am-10:20 am CASA 310
Department consent required. Contact the CTE office at a LSC campus to register.
10755 ESOLC 3000801 5001 TTh 8/28/12/17 2:30 pm-4:20 pm CASA 310
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Fairbanks Center
14527 ESOLC 3000801 F001 MW 9/11-12/17 Noon-1:30 pm FAIR 217
Department consent required. Contact the CTE office at a LSC campus to register.
14529 ESOLC 3000801 F003 MW 9/11-12/17 5:30 pm-7:50 pm FAIR 215
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Kingwood
15190 ESOLC 3000801 2360 MW 8/28/12/17 1 pm-2:50 pm CLB 127

LSC-Montgomery
4192 ESOLC 3000800 4001 MW 8/28/12/17 9 am-10:20 am MCG 6123

LSC-North Harris
15448 ESOLC 3000801 1101 MW 8/28/12/17 8 am-9:50 am ACAD 128
Department consent required. Contact the CTE office at a LSC campus to register.
15472 ESOLC 3000801 1103 MW 8/28/12/17 10 am-11:50 am ACAD 213
Department consent required. Contact the CTE office at a LSC campus to register.
15475 ESOLC 3000801 1301 MW 8/28/12/17 6 pm-7:50 pm ACAD 128
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Tomball
9566 ESOLC 3000801 3T01 TTh 9/11-12/17 7:40 pm-9:40 pm S 205
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-University Park
13559 ESOLC 3000800 6003 MW 8/28/12/17 10 am-11:50 am UP1 527
13557 ESOLC 3000800 6001 TTh 8/28/12/17 10 am-11:50 am UP1 613
13554 ESOLC 3000800 6001 TTh 8/28/12/17 6 pm-7:50 pm UP1 615

ESOL Grammar II
ESOLC 3000802 64 Contact Hours $231
This course continues to develop English grammar skills by providing extensive and varied practice that encourages growth in all areas of language use. Emphasis is placed on the use of verb tenses, modal verbs, nouns, adjectives and adverbs. This course carries institutional credit but will not transfer and will not be used to meet degree requirements. 3201085712 This course is linked to ESOL 0392. Prerequisite: ESOL 0391 or Placement by exam.

Linked with a credit course. See page 5 for requirements.

ESOLC 3000803 64 Contact Hours $231
This course continues to develop the existing knowledge of grammatical structures and helps students to acquire new ones. Emphasis is placed on the complex verb tenses, passive voice, and compound sentences. This course will help students apply grammatical accuracy to their writing and speaking. This course carries institutional credit but will not transfer and will not be used to meet degree requirements. 3201085912 This course is linked to ESOL 0393. Prerequisite: ESOL 0392 or Placement by exam.

LSC-CyFair
10775 ESOLC 3000802 5003 MW 8/28/12/17 5:40 pm-7:35 pm CASA 317
Department consent required. Contact the CTE office at a LSC campus to register.
10780 ESOLC 3000802 5005 TTh 8/28/12/17 8:30 am-10:20 am CASA 317
Department consent required. Contact the CTE office at a LSC campus to register.
10772 ESOLC 3000802 5001 Th 8/28/12/17 2:30 pm-4:20 pm CASA 317
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Fairbanks Center
14532 ESOLC 3000802 F001 MW 9/11-12/17 Noon-1:30 pm FAIR 216
Department consent required. Contact the CTE office at a LSC campus to register.
14537 ESOLC 3000802 F003 MW 9/11-12/17 5:30 pm-7:50 pm FAIR 216
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Kingwood
2685 ESOLC 3000802 2210 M-Th 7/13/8/20 8:30 am-11:20 am LUB 203
8855 ESOLC 3000802 2210 TTh 8/28/12/17 8:30 am-10:20 am LUB 203

LSC-Montgomery
4194 ESOLC 3000802 4001 MCG 6123
4197 ESOLC 3000802 4003 MCG 6123
4199 ESOLC 3000802 4301 MCG 6123

LSC-North Harris
15478 ESOLC 3000802 1101 MW 8/28/12/17 8 am-9:50 am ACAD 128
Department consent required. Contact the CTE office at a LSC campus to register.
15481 ESOLC 3000802 1103 MW 8/28/12/17 10 am-11:50 am ACAD 128
Department consent required. Contact the CTE office at a LSC campus to register.
15484 ESOLC 3000802 1301 MW 8/28/12/17 6 pm-7:50 pm ACAD 128
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Tomball
9576 ESOLC 3000802 3T01 TTh 9/11-12/17 7:40 pm-9:40 pm S 205
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-University Park
13567 ESOLC 3000802 6003 TTh 8/28/12/17 8 am-9:50 am UP1 613
13564 ESOLC 3000802 6001 TTh 8/28/12/17 6 pm-7:50 pm UP1 323
13570 ESOLC 3000802 6005 TTh 9/11-12/17 2 pm-4:10 pm UP1 323
This is a 14 week late start class meeting 9/11 - 12/17.

ESOL Grammar III
ESOLC 3000803 64 Contact Hours $231
This course continues to develop the existing knowledge of grammatical structures and helps students to acquire new ones. Emphasis is placed on the complex verb tenses, passive voice, and compound sentences. This course will help students apply grammatical accuracy to their writing and speaking. This course carries institutional credit but will not transfer and will not be used to meet degree requirements. 3201085912 This course is linked to ESOL 0393. Prerequisite: ESOL 0392 or Placement by exam.

LSC-CyFair
10789 ESOLC 3000803 5003 MW 8/28/12/17 5:40 pm-7:35 pm CASA 318
Department consent required. Contact the CTE office at a LSC campus to register.
10795 ESOLC 3000803 5005 TTh 8/28/12/17 8:30 am-10:20 am CASA 318
Department consent required. Contact the CTE office at a LSC campus to register.
Students must also enroll in ESOLC.3006201.5005, ESOLC.3007201.5005 and ESOLC.3008201.5005.
10792 ESOLC 3000803 5001 Th 8/28/12/17 2:30 pm-4:20 pm CASA 318
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-University Park
10280 ESOLC 3000803 KT01 TTh 9/11-12/17 9:30 am-11:30 am UP1 615

LSC-Creekside Center
10280 ESOLC 3000803 KT01 TTh 9/11-12/17 9:30 am-11:30 am UP1 527
Department consent required. Contact the CTE office at a LSC campus to register.
LSC-Fairbanks Center
14540 ESOLC 3000803 F001 MW 9/11-12/17 Noon-1:30 pm FAIR 207
Department consent required. Contact the CTE office at a LSC campus to register.
14542 ESOLC 3000803 F003 MW 9/11-12/17 5:30 pm-7:30 pm FAIR 217
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Kingwood
2687 ESOLC 3000803 2210 M-Th 7/13/17-10/17 8:30 am-1:20 am CLB 127
8859 ESOLC 3000803 2360 MW 8/28/17-12/17 1:30 pm-3:20 pm LIB 203
8858 ESOLC 3000803 2210 TTh 8/28/17-12/17 8:30 am-10:20 am LIB 201

LSC-Montgomery
4201 ESOLC 3000803 4001 MCG G123
4203 ESOLC 3000803 4003 MCG G123

LSC-North Harris
15487 ESOLC 3000803 1101 MW 8/28/17-12/17 8 am-9:50 am ACAD 215
Department consent required. Contact the CTE office at a LSC campus to register.
15490 ESOLC 3000803 1103 MW 8/28/17-12/17 10 am-11:50 am ACAD 215
Department consent required. Contact the CTE office at a LSC campus to register.
15493 ESOLC 3000803 1301 MW 8/28/17-12/17 6 pm-7:50 pm ACAD 215
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-University Park
13576 ESOLC 3000803 6003 TTh 8/28/17-12/17 8 am-9:50 am UP13 421
13574 ESOLC 3000803 6001 TTh 8/28/17-12/17 6 pm-7:50 pm UP13 421
13581 ESOLC 3000803 6005 TTh 9/11-12/17 2 pm-4:10 pm UP13 613
This is a 14 week late start class meeting 9/11-12/17.

ESOL Grammar IV
ESOLC 3000804 64 Contact Hours $231
Students continue the study of grammatical structures required for quality oral and written academic communication. They develop skills in understanding form, meaning and usage of complex grammatical structures including gerunds and infinitives, conditionals and complex sentences with noun, adjective and adverb clauses. This course carries institutional credit but will not transfer and will not be used to meet degree requirements. 320108S912 This course is linked to ESOL 0394. Prerequisite: ESOL 0393 or Placement by exam.

LSC-Creekside Center
10288 ESOLC 3000804 KT01 TTh 9/11-12/17 9:30 am-11:30 am
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-CyFair
10810 ESOLC 3000804 5005 MW 8/28/17-12/17 5:40 pm-7:35 pm CASA 332
Department consent required. Contact the CTE office at a LSC campus to register.
10808 ESOLC 3000804 5003 T 8/28/17-12/17 2:30 pm-4:20 pm CASA 332
Department consent required. Contact the CTE office at a LSC campus to register. Requires independent online work and face to face participation. Hybrid class meets every Tuesday. Internet connection, computer, and computer skills are required. Instruction Type: Hybrid, In
10804 ESOLC 3000804 5001 TTh 8/28/17-12/17 8:30 am-10:20 am CASA 332
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Fairbanks Center
14545 ESOLC 3000804 F001 MW 9/11-12/17 Noon-1:30 pm FAIR 214
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Kingwood
2689 ESOLC 3000804 2210 M-Th 7/13/17-10/17 8:30 am-11:20 am CLB 129
8868 ESOLC 3000804 2360 MW 8/28/17-12/17 1:30 pm-3:20 pm CLB 129
8865 ESOLC 3000804 2210 TTh 8/28/17-12/17 8:30 am-10:20 am CLB 127

LSC-Montgomery
4212 ESOLC 3000804 4001 MCG G123
4220 ESOLC 3000804 4003 MCG G123

LSC-North Harris
15495 ESOLC 3000804 1101 MW 8/28/17-12/17 8 am-9:50 am ACAD 213
Department consent required. Contact the CTE office at a LSC campus to register.
15497 ESOLC 3000804 1103 MW 8/28/17-12/17 10 am-11:50 am ACAD 165
Department consent required. Contact the CTE office at a LSC campus to register.
15499 ESOLC 3000804 1301 MW 8/28/17-12/17 6 pm-7:50 pm ACAD 165
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-University Park
13592 ESOLC 3000804 6003 Th 8/28/17-12/17 8 am-9:50 am UP13 615
13597 ESOLC 3000804 6005 Th 8/28/17-12/17 10 am-11:50 am UP13 615
This is a 14 week late start class meeting 9/11-12/17.
13588 ESOLC 3000804 6001 Th 8/28/17-12/17 6 pm-7:50 pm UP13 613

ESOL Grammar V
ESOLC 3000805 64 Contact Hours $231
Focuses on Standard English grammar usage for academic purposes. Open only to non-native speakers. This course carries institutional credit but will not transfer and will not be used to meet degree requirements. 320108S5712 This course is linked to ESOL 0395. Prerequisite: ESOL 0394 or Placement by exam.

LSC-CyFair
10815 ESOLC 3000805 5001 Th 8/28/17-12/17 Noon-1:50 pm CASA 334
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Kingwood
8871 ESOLC 3000805 2210 Th 8/28/17-12/17 8:30 am-10:20 am CLB 129

LSC-North Harris
15501 ESOLC 3000805 1101 NW 8/28/17-12/17 10 am-11:50 am ACAD 167
Department consent required. Contact the CTE office at a LSC campus to register.
15503 ESOLC 3000805 1301 NW 8/28/17-12/17 6 pm-7:50 pm ACAD 167
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-University Park
13601 ESOLC 3000805 6001 Th 8/28/17-12/17 8 am-9:50 am UP13 527

ESOL Language Skills Workshop
ESOLC 3000800 64 Contact Hours $231
This course refines the use of communication skills necessary for personal, academic, and business communication. It incorporates negotiated student/instructor-generated content and accommodates individual goals in a workshop format. Open lab available. This course carries institutional credit but will not transfer and may not be used to meet degree requirements. This course is linked to ESOL 0308.

LSC-CyFair
10061 ESOLC 3000800 5001 NW 8/28/17-12/17 8:30 am-10:25 am CASA 334
Department consent required. Contact the CTE office at a LSC campus to register. Developing Pronunciation Skills for levels 4 & 5.
10067 ESOLC 3000800 5005 Th 8/28/17-12/17 6 pm-7:50 pm CASA 334
Department consent required. Contact the CTE office at a LSC campus to register.
10064 ESOLC 3000800 5003 f 8/9/17-12/17 8:55 am-11:10 am CASA 334
Department consent required. Contact the CTE office at a LSC campus to register. TOEFL Prep for levels 4 & 5.
10064 ESOLC 3000800 5003 f 8/9/17-12/17 11:20 am-1 pm CASA 334
Department consent required. Contact the CTE office at a LSC campus to register. TOEFL Prep for levels 4 & 5.

LSC-Fairbanks Center
14444 ESOLC 3000800 F001 MW 9/11-12/17 10 am-11:40 am FAIR 207
Department consent required. Contact the CTE office at a LSC campus to register. Instruction Type: Hybrid, Internet
In this course English-language students increase proficiency in the spoken language necessary for basic personal, academic, and professional communication. Students communicate with a growing degree of fluency, using newly acquired vocabulary with some degree of accuracy, and master basic language functions. Students acquire and practice strategies for comprehending statements and short spoken passages. This course carries institutional credit but will not transfer and may not be used to meet degree requirements. This course is linked to ESOL 0382. Pre-requisite: ESOL 0381 or placement by testing.
English for Speakers of Other Languages

LSC-Fairbanks Center
14506 ESOLC 3008201 F001 TTh 9/11-12/17 Noon-1:30 pm FAR 207
Department consent required. Contact the CTE office at a LSC campus to register.
14510 ESOLC 3008201 F003 TTh 9/11-12/17 7:50 pm-9:20 pm FAR 216
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Kingwood
8847 ESOLC 3008201 2040 MW 8/28-12/17 11 am-12:50 pm LIB 201

LSC-Montgomery
4177 ESOLC 3008201 4001
4180 ESOLC 3008201 4003

LSC-North Harris
15437 ESOLC 3008201 1201 TTh 8/28-12/17 8 am-9:50 am ACAD 132
Department consent required. Contact the CTE office at a LSC campus to register.
15441 ESOLC 3008201 1401 TTh 8/28-12/17 8 pm-9:50 pm ACAD 132
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Creekside Center
Prerequisite: ESOL 0383 or placement by testing.

LSC-Tomball
9556 ESOLC 3008201 3T01 TTh 9/11-12/17 5:30 pm-7:30 pm S 205
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-University Park
3049 ESOLC 3008201 6001 M-Th 7/13/18 8 am-9:20 am UP13 421
This is a 6 week class meeting 7/13-8/20.
3049 ESOLC 3008201 6001 M-Th 7/13/18 9:30 am-10:50 am UP13 421
This is a 6 week class meeting 7/13-8/20.
13509 ESOLC 3008201 6003 MW 8/28-12/17 10 am-11:50 am UP13 613
13506 ESOLC 3008201 6001 MW 8/28-12/17 8 pm-9:50 pm UP13 323
13515 ESOLC 3008201 6005 MW 9/11-12/17 2 pm-4:10 pm UP13 421
This is a 14 week late start class meeting 9/11 - 12/17.

ESOL Oral Communication IV
ESOLC 3008401 64 Contact Hours $231
Develops listening and speaking skills in speakers of languages other than English and prepares them to function in educational, vocational and/or personal English-speaking contexts. This course carries institutional credit but will not transfer and will not be used to meet degree requirements. This course is linked to ESOL 0384. Prerequisite: ESOL 0383 or placement by testing.

LSC-Creekside Center
10271 ESOLC 3008401 K01 TTh 9/11-12/17 11:40 am-1:40 pm
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-CyFair
5853 ESOLC 3008401 5001 M-Th 7/13/18 9 am-11:45 am CASA 313
Department consent required. Contact the CTE office at a LSC campus to register.
10742 ESOLC 3008401 5001 MW 8/28-12/17 10:35 am-12:30 pm CASA 332
Department consent required. Contact the CTE office at a LSC campus to register.
10746 ESOLC 3008401 5003 MW 8/28-12/17 12:40 pm-2:35 pm CASA 332
Department consent required. Contact the CTE office at a LSC campus to register.
10748 ESOLC 3008401 5005 TTh 8/28-12/17 6 pm-7:50 pm CASA 332
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Montgomery
4188 ESOLC 3008401 4001
4190 ESOLC 3008401 4003

LSC-North Harris
15446 ESOLC 3008401 1201 TTh 8/28-12/17 8 am-9:50 am ACAD 215
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-University Park
13545 ESOLC 3008401 6001 MW 8/28-12/17 10 am-11:50 am UP13 613

ESOL Oral Communication III
ESOLC 3008301 64 Contact Hours $231
This course continues to provide dynamic communicative practice for English-language students. Students increase their degree of fluency, accuracy, and comprehension in listening and speaking skills necessary for personal, academic, and professional communication. They develop skills at using functional language in a variety of relevant contexts. This course carries institutional credit but will not transfer and may not be used to meet degree requirements. This course is linked to ESOL 0383. Prerequisite: ESOL 0382 or placement by testing.

LSC-Creekside Center
10259 ESOLC 3008301 K01 TTh 9/11-12/17 11:40 am-1:40 pm
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-CyFair
5851 ESOLC 3008301 5001 M-Th 7/13/18 9 am-11:45 am CASA 212
Department consent required. Contact the CTE office at a LSC campus to register.
10739 ESOLC 3008301 5005 MW 8/28-12/17 10:35 am-12:30 pm CASA 318
Department consent required. Contact the CTE office at a LSC campus to register. Students must also enroll in ESOLC.3006301.5005, ESOLC.3007301.5005 and ESOLC.3008003.5005.
10723 ESOLC 3008301 5001 MW 8/28-12/17 12:40 pm-2:35 pm CASA 318
Department consent required. Contact the CTE office at a LSC campus to register.
10733 ESOLC 3008301 5003 TTh 8/28-12/17 6 pm-7:50 pm CASA 318
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Fairbanks Center
14515 ESOLC 3008301 F001 TTh 9/11-12/17 Noon-1:30 pm FAIR 217
Department consent required. Contact the CTE office at a LSC campus to register.
14518 ESOLC 3008301 F003 TTh 9/11-12/17 7:50 pm-9:20 pm FAIR 215
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Kingwood
8850 ESOLC 3008301 2040 MW 8/28-12/17 11 am-12:50 pm CLB 127

LSC-Montgomery
4182 ESOLC 3008301 4001
4185 ESOLC 3008301 4003

LSC-North Harris
15443 ESOLC 3008301 1201 TTh 8/28-12/17 8 am-9:50 am ACAD 215
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-University Park
3051 ESOLC 3008301 6001 M-Th 7/13/18 8 am-9:20 am UP13 613
This is a 6 week class meeting 7/13 - 8/20.
3051 ESOLC 3008301 6001 M-Th 7/13/18 9:30 am-10:50 am UP13 613
This is a 6 week class meeting 7/13 - 8/20.
13535 ESOLC 3008301 6003 MW 8/28-12/17 10 am-11:50 am UP13 421
13528 ESOLC 3008301 6001 MW 8/28-12/17 8 pm-9:50 pm UP13 613
13538 ESOLC 3008301 6005 MW 9/11-12/17 2 pm-4:10 pm UP13 613
This is a 14 week late start class meeting 9/11 - 12/17.

Search & Register for classes online at LoneStar.edu/CE
English for Speakers of Other Languages

ESOL Reading I
ESOLC 3006101 64 Contact Hours $231
In this course beginning English-language students develop basic reading and vocabulary skills. Materials are vocabulary-controlled and based on concrete topics. Students practice reading and comprehending simple short stories and articles, writing related sentences, and developing basic library skills. Focus is on literal comprehension and developing a personally relevant vocabulary base. Students who enroll in this course should have basic literacy skills in their native language and be familiar with Roman script. This course carries institutional credit but will not transfer and may not be used to meet degree requirements. This course is linked to ESOL 0361. Pre-requisite: Placement by testing.

LSC-CyFair
5826 ESOLC 3006101 5001 M-Th 7/13/18 9:30-10:50 am MATH 300
Department consent required. Contact the CTE office at a LSC campus to register.
10467 ESOLC 3006101 5005 M-W 8/28/17 8:30-10:25 am MATH 310
Department consent required. Contact the CTE office at a LSC campus to register. Students must also enroll in ESOLC.3008201.5003, ESOLC.3007101.5005 and ESOLC.3008011.5005.
10452 ESOLC 3006101 5001 M-W 8/28/17 2:45 pm-4:40 pm MATH 310
Department consent required. Contact the CTE office at a LSC campus to register.
10458 ESOLC 3006101 5003 T-Th 8/28/17 8 pm-9:50 pm MATH 310
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Fairbanks Center
6467 ESOLC 3006101 F001 M-Th 7/13/18 9:30-11:05 am FAIR 214
Department consent required. Contact the CTE office at a LSC campus to register. Please see an ESOL Advisor at the Fairbanks Center.
14446 ESOLC 3006101 F001 T-Th 9/11/17 9:30 am-11:10 am FAIR 217
Department consent required. Contact the CTE office at a LSC campus to register.
14448 ESOLC 3006101 F003 T-Th 9/11/17 5:30 pm-7:30 pm FAIR 217
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Kingwood
15188 ESOLC 3006101 2360 M-W-F 8/28/17 1 pm-2:50 pm LIB 201

LSC-Montgomery
4130 ESOLC 3006101 4001 MCG 6123

LSC-North Harris
14602 ESOLC 3006101 1201 T-Th 8/28/17 10 am-11:50 am ACAD 132
Department consent required. Contact the CTE office at a LSC campus to register.
14604 ESOLC 3006101 1401 T-Th 8/28/17 6 pm-7:50 pm ACAD 132
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Tomball
9518 ESOLC 3006101 3T01 M-I-W 9/11/17 5:30 pm-7:20 pm 5 205
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-University Park
3033 ESOLC 3006101 6001 M-Th 7/13/17 11 am-12:20 pm UP13 421
This is a 6 week class meeting 7/13 - 8/20.
3033 ESOLC 3006101 6001 M-Th 7/13/17 12:30 pm-1:50 pm UP13 421
This is a 6 week class meeting 7/13 - 8/20.
13334 ESOLC 3006101 6005 M-W-F 8/28/17 8 am-9:50 am UP13 421
13328 ESOLC 3006101 6003 M-W-F 8/28/17 Noon-1:50 pm UP13 333
13323 ESOLC 3006101 6001 M-W-F 8/28/17 6 pm-7:50 pm UP13 613

ESOL Reading II
ESOLC 3006201 64 Contact Hours $231
In this course English-language students continue to develop the reading and vocabulary skills necessary for personal, academic, and professional purposes using materials based on high interest topics. The course includes practice in reading and comprehending multi-paragraph descriptive and narrative articles, stories, reports, and dictionary entries. Focus is on literal comprehension, word analysis, vocabulary expansion, dictionary skills, and the use of library resources. Writing is required to complement varied reading activities. This course carries institutional credit but will not transfer and may not be used to meet degree requirements. This course is linked to ESOL 0362. Pre-requisite: placement by exam or ESOL 0361.

LSC-CyFair
5828 ESOLC 3006201 5001 M-Th 7/13/17 9:30-11:35 am MATH 311
Department consent required. Contact the CTE office at a LSC campus to register.
10486 ESOLC 3006201 5005 M-W-F 8/28/17 8:30-10:25 am MATH 317
Department consent required. Contact the CTE office at a LSC campus to register. Students must also enroll in ESOLC.3008201.5005, ESOLC.3007101.5005 and ESOLC.3008012.5005.
10474 ESOLC 3006201 5001 M-W-F 8/28/17 2:45 pm-4:40 pm MATH 317
Department consent required. Contact the CTE office at a LSC campus to register.
10481 ESOLC 3006201 5003 T-Th 8/28/17 8 pm-9:50 pm MATH 317
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Fairbanks Center
6469 ESOLC 3006201 F001 M-Th 7/13/17 7:20 pm-10:05 pm FAIR 206
Department consent required. Contact the CTE office at a LSC campus to register. Please see an ESOL Advisor at the Fairbanks Center.
14450 ESOLC 3006201 F001 T-Th 9/11/17 9:30 am-11:10 am FAIR 106
Department consent required. Contact the CTE office at a LSC campus to register.
14452 ESOLC 3006201 F003 T-Th 9/11/17 5:30 pm-7:30 pm FAIR 106
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Kingwood
8789 ESOLC 3006201 2020 M-W-F 8/28/17 9 am-10:50 am CLB 129

LSC-Montgomery
4133 ESOLC 3006201 4001 MCG 6123
4136 ESOLC 3006201 4003 MCG 6123

LSC-North Harris
14606 ESOLC 3006201 1201 T-Th 8/28/17 10 am-11:50 am ACAD 215
Department consent required. Contact the CTE office at a LSC campus to register.
14608 ESOLC 3006201 1203 T-Th 8/28/17 12:30 pm-2:20 pm ACAD 128
Department consent required. Contact the CTE office at a LSC campus to register.
14610 ESOLC 3006201 1401 T-Th 8/28/17 6 pm-7:50 pm ACAD 132
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Tomball
9524 ESOLC 3006201 3T01 M-W-F 9/11/17 5:30 pm-7:20 pm 5 205
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-University Park
3035 ESOLC 3006201 6001 M-Th 7/13/17 11 am-12:20 pm UP13 613
This is a 6 week class meeting 7/13 - 8/20.
3035 ESOLC 3006201 6001 M-Th 7/13/17 12:30 pm-1:50 pm UP13 613
This is a 6 week class meeting 7/13 - 8/20.
13362 ESOLC 3006201 6003 M-W-F 8/28/17 8 am-9:50 am UP13 527
13367 ESOLC 3006201 6005 M-W-F 8/28/17 Noon-1:50 pm UP13 421
13342 ESOLC 3006201 6001 M-W-F 8/28/17 6 pm-7:50 pm UP13 615

PARALEGAL STUDIES AAS DEGREE

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ESOL Reading III
ESOLC 3006301 64 Contact Hours $231
This course continues to develop English-language students' reading and vocabulary skills for personal, academic and professional purposes using a wide variety of text types and topics. The course includes extensive practice in reading and comprehending multi-page articles, narratives, reports, editorials, opinion essays, and reference materials, and writing related responses. Focus is on interpretation of factual material, drawing inferences and conclusions, and paraphrasing and summarizing responses. Focus is on interpretation of factual material, drawing inferences and conclusions, and paraphrasing and summarizing selected passages. Writing is required to complement reading activities. This course is linked to ENGL 0363. Prerequisites: ENGL 0362 or placement by exam.

LSC-Creekside Center
10063 ESOLC 3006301 KT01 MW 9/11/12/17 9:30 am-11:30 am

LSC-CyFair
5830 ESOLC 3006301 5001 M-Th 7/13/20 Noon-2:45 pm CASA 212
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Fairbanks Center
6471 ESOLC 3006301 F001 M-Th 7/13/20 7:20 pm-10:05 pm FAIR 207
Department consent required. Contact the CTE office at a LSC campus to register. Please see an ESOL Advisor at the Fairbanks Center.

LSC-Kingwood
8793 ESOLC 3006301 2020 MW 8/28/12/17 9 am-10:50 am LIB 203

ESOL Reading IV
ESOLC 3006401 64 Contact Hours $231
Development of reading and higher order thinking skills necessary for college readiness. This course carries institutional credit but will not transfer and will not be used to meet degree requirements. This course is linked to ESOL 0364. Prerequisite: ESOL 0363 or placement by testing.

LSC-Creekside Center
10094 ESOLC 3006401 KT01 MW 9/11/12/17 9:30 am-11:30 am
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-CyFair
5832 ESOLC 3006401 5001 M-Th 7/13/20 Noon-2:45 pm CASA 313
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Fairbanks Center
14458 ESOLC 3006401 F001 T 9/11/12/17 9:30 am-11:45 am FAIR 207
Department consent required. Contact the CTE office at a LSC campus to register. Instruction Type: Hybrid, In

LSC-Kingwood
8793 ESOLC 3006401 2020 MW 8/28/12/17 9 am-10:50 am LIB 203

ESOL Reading V
ESOLC 3006501 64 Contact Hours $231
Develops English reading proficiency and vocabulary for academic, career, or personal purposes in speakers of languages other than English and prepares them to function in a multicultural, multilingual society. This course carries institutional credit but will not transfer and will not be used to meet degree requirements. This course is linked to ESOL 0365. Prerequisite: ESOL 0364 or placement by testing.

LSC-CyFair
10529 ESOLC 3006501 5003 MW 8/28/12/17 2:45 pm-4:40 pm CASA 332
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Kingwood
8796 ESOLC 3006501 2020 MW 8/28/12/17 9 am-10:50 am LIB 203
ESOL Writing I
ESOLC 3007101 64 Contact Hours $231
In this course beginning English-language students develop, practice and apply the basic structures of English to perform simple writing tasks. Students who enroll in this course should have basic literacy skills in their native language and be familiar with Roman script. This course carries institutional credit but will not transfer and may not be used to meet degree requirements. This course is linked to ESOL 0371. Pre-requisite: placement by testing.

LSC-CyFair
10549 ESOLC 3007101 5003 MW 8/28-12/17 7:45 pm-9:40 pm CASA 310
Department consent required. Contact the CTE office at a LSC campus to register.

10553 ESOLC 3007101 5005 TTh 8/28-12/17 10:30 am-12:20 pm CASA 310
Department consent required. Contact the CTE office at a LSC campus to register.

10547 ESOLC 3007101 5001 TTh 8/28-12/17 12:30 pm-2:20 pm CASA 310
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Fairbanks Center
6475 ESOLC 3007101 F001 M-Th 7/138/20 4:25 pm-7:10 pm F005
Department consent required. Please see an ESOL Advisor at the Fairbanks Center.

14482 ESOLC 3007101 F001 MW 9/11-12/17 9:30 am-11 am FAIR 217
Department consent required. Contact the CTE office at a LSC campus to register.

14486 ESOLC 3007101 F003 MW 9/11-12/17 7:50 pm-9:20 pm FAIR 215
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Kingwood
15189 ESOLC 3007101 2440 TTh 8/28-12/17 1:30 pm-3:20 pm LIB 201

LSC-Montgomery
4151 ESOLC 3007101 4001 MCG 6224

LSC-North Harris
14651 ESOLC 3007101 1101 MW 8/28-12/17 10 am-11:50 am ACAD 128
Department consent required. Contact the CTE office at a LSC campus to register.

14652 ESOLC 3007101 1103 MW 8/28-12/17 12:30 pm-2:20 pm ACAD 128
Department consent required. Contact the CTE office at a LSC campus to register.

14654 ESOLC 3007101 1301 MW 8/28-12/17 8 pm-9:50 pm ACAD 128
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Tomball
9543 ESOLC 3007101 3T01 MW 9/11-12/17 7:40 pm-9:40 pm 5 205
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-University Park
13455 ESOLC 3007101 6001 TTh 8/28-12/17 10 am-11:50 am UP13 421

ESOL Writing II
ESOLC 3007201 64 Contact Hours $231
In this course English-language students increase proficiency in the writing skills necessary for basic personal, academic, and professional communication. Students use process writing techniques to write simple paragraphs and gain mastery in the use of the basic structures of the language. This course carries institutional credit but will not transfer and may not be used to meet degree requirements. This course is linked to ESOL 0372. Pre-requisite: ESOL 0371 or placement by testing.

LSC-CyFair
10654 ESOLC 3007201 5003 MW 8/28-12/17 7:45 pm-9:40 pm CASA 317
Department consent required. Contact the CTE office at a LSC campus to register.

10659 ESOLC 3007201 5005 Th 8/28-12/17 10:30 am-12:20 pm CASA 317
Department consent required. Contact the CTE office at a LSC campus to register.

Students must also enroll in ESOLC.3006201.5005, ESOLC.3000802.5005 and ESOLC.3008201.5005.

10649 ESOLC 3007201 5001 Th 8/28-12/17 12:30 pm-2:20 pm CASA 317
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Fairbanks Center
6475 ESOLC 3007201 F001 M-Th 7/138/20 4:25 pm-7:10 pm F005
Department consent required. Please see an ESOL Advisor at the Fairbanks Center.

14482 ESOLC 3007201 F001 MW 9/11-12/17 9:30 am-11 am FAIR 217
Department consent required. Contact the CTE office at a LSC campus to register.

14486 ESOLC 3007201 F003 MW 9/11-12/17 7:50 pm-9:20 pm FAIR 215
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Kingwood
2305 ESOLC 3007201 2220 M-Th 7/138/20 Noon-2:45 pm LIB 203
8798 ESOLC 3007201 2220 TTh 8/28-12/17 10:30 am-12:20 pm LIB 201

LSC-Montgomery
4153 ESOLC 3007201 4001 MW 8/28-12/17 Noon-1:20 pm

LSC-North Harris
14656 ESOLC 3007201 1101 MW 8/28-12/17 10 am-11:50 am ACAD 132
Department consent required. Contact the CTE office at a LSC campus to register.

14658 ESOLC 3007201 1103 MW 8/28-12/17 12:30 pm-2:20 pm ACAD 132
Department consent required. Contact the CTE office at a LSC campus to register.

14660 ESOLC 3007201 1301 MW 8/28-12/17 8 pm-9:50 pm ACAD 132
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Tomball
9543 ESOLC 3007201 3T01 MW 9/11-12/17 7:40 pm-9:40 pm 5 205
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-University Park
13452 ESOLC 3007201 6003 TTh 8/28-12/17 10 am-11:50 am UP13 421
13454 ESOLC 3007201 6005 TTh 8/28-12/17 Noon-1:50 pm UP13 421
13446 ESOLC 3007201 6001 TTh 8/28-12/17 8 pm-9:50 pm UP13 615

ESOL Writing III
ESOLC 3007301 64 Contact Hours $231
This course continues to develop English-language students’ writing skills for personal, academic and professional purposes. Students use more sophisticated grammar structures in writing well-developed paragraphs and/or essays using process writing techniques. This course carries institutional credit but will not transfer and may not be used to meet degree requirements. This course is linked to ESOL 0373. Pre-requisite: ESOL 0372 or placement by testing.

LSC-CyFair
10668 ESOLC 3007301 5003 MW 8/28-12/17 7:45 pm-9:40 pm CASA 318
Department consent required. Contact the CTE office at a LSC campus to register.

10672 ESOLC 3007301 5005 Th 8/28-12/17 10:30 am-12:20 pm CASA 318
Department consent required. Contact the CTE office at a LSC campus to register.

Students must also enroll in ESOLC.3006301.5005, ESOLC.3000803.5005 and ESOLC.3008301.5005.

10664 ESOLC 3007301 5001 Th 8/28-12/17 12:30 pm-2:20 pm CASA 318
Department consent required. Contact the CTE office at a LSC campus to register.
English for Speakers of Other Languages

**LSC-Fairbanks Center**

**ESOLC** 3007301 F001

<table>
<thead>
<tr>
<th>Course</th>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>15387</td>
<td>4162</td>
<td>M-Th</td>
<td>7:13/8:20</td>
<td>10 am-11:50</td>
</tr>
</tbody>
</table>

Department consent required. Contact the CTE office at a LSC campus to register.

**LSC-Montgomery**

**ESOLC** 3007301 F002

<table>
<thead>
<tr>
<th>Course</th>
<th>Section</th>
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<th>Time</th>
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<tr>
<td>15426</td>
<td>4164</td>
<td>M-Th</td>
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<td>10 am-11:50</td>
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Department consent required. Contact the CTE office at a LSC campus to register.

**LSC-North Harris**

**ESOLC** 3007301 F003

<table>
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<tr>
<th>Course</th>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Room</th>
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</thead>
<tbody>
<tr>
<td>15429</td>
<td>13459</td>
<td>M-Th</td>
<td>7:13/8:20</td>
<td>10 am-11:50</td>
</tr>
</tbody>
</table>

Department consent required. Contact the CTE office at a LSC campus to register.

**LSC-University Park**

**ESOLC** 3007301 F004

<table>
<thead>
<tr>
<th>Course</th>
<th>Section</th>
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<th>Time</th>
<th>Room</th>
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<tbody>
<tr>
<td>15438</td>
<td>13468</td>
<td>M-Th</td>
<td>7:13/8:20</td>
<td>10 am-11:50</td>
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Department consent required. Contact the CTE office at a LSC campus to register.

**ESOL Writing IV**

**ESOLC** 3007401

<table>
<thead>
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<th>Course</th>
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<th>Room</th>
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</thead>
<tbody>
<tr>
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<td>4162</td>
<td>M-Th</td>
<td>7:13/8:20</td>
<td>10 am-11:50</td>
</tr>
</tbody>
</table>

Department consent required. Contact the CTE office at a LSC campus to register.

**ESOL Writing V**

**ESOLC** 3007501

<table>
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<tr>
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<tr>
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<td>13459</td>
<td>M-Th</td>
<td>7:13/8:20</td>
<td>10 am-11:50</td>
</tr>
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</table>

Department consent required. Contact the CTE office at a LSC campus to register.

**Communication for Workplace I**

**COMGC** 2100073

<table>
<thead>
<tr>
<th>Course</th>
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Department consent required. Contact the CTE office at a LSC campus to register.

**Lingual Writing**

**ESOLC** 3007601

<table>
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<tr>
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<td>13468</td>
<td>M-Th</td>
<td>7:13/8:20</td>
<td>10 am-11:50</td>
</tr>
</tbody>
</table>

Department consent required. Contact the CTE office at a LSC campus to register.
enrolled in this course should have basic literacy skills in their native language and be familiar with Roman script.

**LSC-Conroe Center**
2774 COMGC 2100073 C001 MW 9/11-12/22 6:30 pm-8:30 pm
2775 COMGC 2100073 C002 M-Th 9/18-10/23 9 am-Noon
Department consent required. Contact the CTE office at a LSC campus to register.

**LSC-CyFair**
1802 COMGC 2100073 5001 M-F 7/10-8/14 9 am-Noon
Department consent required. Contact the CTE office at a LSC campus to register.
3279 COMGC 2100073 5002 TTh 9/5-12/7 6 pm-8:30 pm
Department consent required. Contact the CTE office at a LSC campus to register.
2756 COMGC 2100073 5001 M-F 10/17-12/6 10:30 am-12:30 pm
Department consent required. Contact the CTE office at a LSC campus to register.

**LSC-Fairbanks Center**
14443 COMGC 2100073 F001 MW 9/6-12/6 6 pm-8:30 pm
Department consent required. Contact the CTE office at a LSC campus to register.

**LSC-Kingwood**
5590 COMGC 2100073 2001 M-Th 9/18-11/9 6 pm-8 pm

**LSC-Montgomery**
2772 COMGC 2100073 4001 MW 9/11-12/22 6:30 pm-8:30 pm
2773 COMGC 2100073 4002 Sa 9/16-12/7 9 am-1 pm
Department consent required. Contact the CTE office at a LSC campus to register. No class on 11/25, 12/23 & 12/30 & 1/6.

**LSC-North Harris**
10524 COMGC 2100073 1001 MF 9/11-10/24 8:30 am-10:30 am
Department consent required. Contact the CTE office at a LSC campus to register.
10534 COMGC 2100073 1003 TTh 9/12-12/14 6:30 pm-9 pm
Last class will end at 8pm. No class on November 21st-Thanksgiving Week.
Department consent required. Contact the CTE office at a LSC campus to register.
10536 COMGC 2100073 1004 TTh 10/18-12/20 6:30 pm-9 pm
Last class will end at 8pm. No class on November 21st-Thanksgiving week.
Department consent required. Contact the CTE office at a LSC campus to register.
10528 COMGC 2100073 1002 MF 10/30-12/15 8:30 am-10:30 am
Department consent required. Contact the CTE office at a LSC campus to register.

**LSC-University Park**
13244 COMGC 2100073 6001 MW 9/11-11/27 9 am-Noon
Last class will be from 9am-1pm. Instruction Type: Hybrid, Internet
13258 COMGC 2100073 6002 TTh 9/12-11/28 6 pm-9 pm
Last class will be from 6pm-10pm. Instruction Type: Hybrid, Internet

**Community Education**

**Communication for Workplace II**
COMGC 2100456 64 Contact Hours $231
Provides on-the-job dynamic communicative practice for students whose primary language is other than English, exposing students to the uses of language in a variety of relevant job-related contexts. This course helps increase proficiency in speaking and writing skills necessary for successful communication. Students gain mastery in the use of the basic structures of the language and can perform practical work-related oral and written tasks. The course focuses on continued emphasis on high-frequency vocabulary and phonics; and extensive practice in occupational reading, comprehension, listening, and speaking.

**LSC-Conroe Center**
1275 COMGC 2100456 C001 M-Th 7/17-8/21 9 am-Noon

**Communication for Workplace III**
COMGC 2100456 64 Contact Hours $231
Improvement in reading vocabulary/comprehension skills, as well as speaking, writing, and listening skills for job success. Focus on recognition and comprehension of idioms, analogies, antonyms, and synonyms, and context clues. Interpretation of factual material and inferences associated with job-related communication. Students increase their degree of fluency, accuracy, and comprehension in listening, speaking, writing, and reading skills necessary to satisfy the job demands. The course expands students active vocabulary and comprehension of short paragraphs and enables them to work toward mastery of the major structures of the language as well as the basic mechanics of writing for professional communication.

**LSC-Conroe Center**
2799 COMGC 2100456 C001 TTh 9/12-10/23 6:30 pm-8:30 pm
Department consent required. Contact the CTE office at a LSC campus to register. Comm. 3 & 4 Combined. No class 11/20-11/26, & 12/18-1/2/18.
2800 COMGC 2100456 C002 M-Th 9/18-10/23 9 am-Noon
Department consent required. Contact the CTE office at a LSC campus to register.

**LSC-CyFair**
1805 COMGC 2100456 5001 M-Th 7/11-8/14 9 am-Noon
Department consent required. Contact the CTE office at a LSC campus to register.
2686 COMGC 2100456 5001 TTh 9/5-10/18 6 pm-8:30 pm
Department consent required. Contact the CTE office at a LSC campus to register.
2693 COMGC 2100456 5002 M-F 10/19-11/8 8:30 am-10:30 am
Department consent required. Contact the CTE office at a LSC campus to register.
Comm. 3 & 4 Combined. No class 1/20-1/26, & 12/18-1/2. Department consent required. Contact the CTE office at a LSC campus to register.

Communication for Workplace, Basic
COMGC 2100308 48 Contact Hours $179
This course addresses essential listening, speaking, reading, writing, and computational skills required by business and industry. Improvement of communication skills as well as study skills related to successful job performance. The course is designed as the workplace literacy course for non-native speakers who have no formal training in English.

LSC-Kingwood
5610 COMGC 2100308 2001 M-Th 9/11-10/19 6 pm-8 pm

Conversation for Workplace
COMGC 2100366 40 Contact Hours $144
Addresses essential listening, speaking, reading, writing, and computational skills required by business and industry. Improvement of communication skills as well as study skills related to successful job performance. The focus of this course is improvement of speaking skills of students whose primary language is other than English. The objective of this course is helping students to develop the skills needed for participating in conversations related to high-interest work-related and social situations.

LSC-Montgomery
2805 COMGC 2100366 4004 M-Th 9/11-10/19 6 pm-8:30 pm

LSC-North Harris
10513 COMGC 2100366 1001 TTh 9/11-10/17 6 pm-9 pm
Department consent required. Contact the CTE office at a LSC campus to register.

Last class will end at 9:40 pm. No class on November 21st-Thanksgiving Week.
Department consent required. Contact the CTE office at a LSC campus to register.

No class 1/20-1/26. Department consent required. Contact the CTE office at a LSC campus to register.

Department consent required. Contact the CTE office at a LSC campus to register.

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Department consent required. Contact the CTE office at a LSC campus to register.
LSC-North Harris

1105 COMGC 2100366 1002 MW 6/19/14 6:30 pm-9 pm
Department consent required. Contact the CTE office at a LSC campus to register.
No class 7/03/17.

10608 COMGC 2100366 1003 Th 9/19/14 6:30 pm-9 pm
Department consent required. Contact the CTE office at a LSC campus to register.

10602 COMGC 2100366 1001 M-Th 10/21/14 8:30 am-10:30 am
Department consent required. Contact the CTE office at a LSC campus to register.

10605 COMGC 2100366 1002 M-Th 11/6/14-12/19 8:30 am-10:30 am
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-University Park

13284 COMGC 2100366 6003 T-Th 9/11-11/15 9 am-Noon
For students taking COMGC 2100456 or COMGC 2100562.

13248 COMGC 2100366 6001 MW 9/11-11/15 1 pm-3 pm
For students taking COMGC 2100073 or COMGC 2100148.

13263 COMGC 2100366 6002 MW 9/11-11/15 6 am-9 pm
For students taking COMGC 2100073 or COMGC 2100148.

13290 COMGC 2100366 6004 T-Th 9/11-11/15 6 am-9 pm
For students taking COMGC 21000456 or COMGC 2100562.

LSC-Montgomery

1268 COMGC 2100671 4002 MW 7/10/16 11:30 am-2 pm
Department consent required. Contact the CTE office at a LSC campus to register.

1266 COMGC 2100671 4001 Th 7/11/16 6:30 pm-8:30 pm
Department consent required. Contact the CTE office at a LSC campus to register.

2905 COMGC 2100671 4001 F 9/22/16 9 am-Noon
Department consent required. Contact the CTE office at a LSC campus to register.
No class 11/24.

LSC-North Harris

1109 COMGC 2100671 1001 M-Th 7/17/16 8:30 am-10:30 am
Department consent required. Contact the CTE office at a LSC campus to register.
No class 7/23/16.

10612 COMGC 2100671 1001 M-Th 11/13-12/11 12:30 pm-2:30 pm
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-University Park

13254 COMGC 2100671 6001 F 9/15-11/17 9 am-Noon

13269 COMGC 2100671 6002 F 9/15-11/17 6 pm-9 pm

Pronunciation for the Workplace I

COMGC 2100672 30 Contact Hours $114
Mastery of a selected vocabulary of technical/occupational terms, including appropriate pronunciation of terms and use of English language structures required by business and industry for successful on-the-job performance. This course is designed to improve non-native English speaker’s pronunciation skills by increasing control of the English sound system.

LSC-Conroe Center

2907 COMGC 2100672 C001 F 9/23/16-12/16 9 am-Noon
Department consent required. Contact the CTE office at a LSC campus to register.
No class 11/24.

Pronunciation for the Workplace II

COMGC 2100672 30 Contact Hours $114
Mastery of a selected vocabulary of technical/occupational terms, including appropriate pronunciation of terms and use of English language structures required by business and industry for successful on-the-job performance. This course is a continuation of Pronunciation for the Workplace I. Students increase control of the English sound system to minimize miscommunication or misperception due to foreign accent.

LSC-Conroe Center

2912 COMGC 2100672 C001 F 9/22-12/16 9 am-Noon
Department consent required. Contact the CTE office at a LSC campus to register.
No class 11/24.

LSC-Montgomery

1271 COMGC 2100672 4001 Th 7/11-8/18 9 am-11:30 am
Department consent required. Contact the CTE office at a LSC campus to register.

2910 COMGC 2100672 4001 F 9/22-12/16 9 am-Noon
Department consent required. Contact the CTE office at a LSC campus to register.
No class 11/24.

LSC-University Park

13285 COMGC 2100672 6001 F 9/15-11/17 9 am-Noon

13293 COMGC 2100672 6002 F 9/15-11/17 6 pm-9 pm

Grammar and Writing for the Workplace I

COMGC 2100561 64 Contact Hours $227
Designed for students whose primary language is other than English. Focus on comprehending challenging industrial and job-related materials. Emphasis on industry-related vocabulary development and skills acquisition, including determining meaning from context, identifying word forms and variation in meaning, synonyms and antonyms, context clues, connotation and denotation, and fact and opinion. This course enhances student’s mastery of the grammar structures and writing skills necessary for workplace communication, and provides dynamic communication in a variety of workplace contexts.

LSC-Montgomery

2900 COMGC 2100561 4001 MW 9/18/16-11/26 Noon-2:30 pm
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-North Harris

1289 COMGC 2100561 1001 M-Th 6/26/17 10:30 am-12:30 pm
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-University Park

13854 COMGC 2100561 6001 Th 9/11-11/17 9 am-Noon
Last class will be from 9 am-1 pm. Instruction Type: Hybrid, Internet

Lone Star College

Summer & Fall 2017 Non-Credit Course Catalog and Schedule 101
Languages

LSC-CYFAIR
9191 Barker Cypress Road
Cypress, TX 77433-1383
CASA Building, Room 116
CE: 281.290.3460

LSC-KINGWOOD
20000 Kingwood Drive
Kingwood, TX 77339-3801
CLA Building, Room 107
CE: 281.312.1660

LSC-NORTH HARRIS
2700 W.W. Thorne Drive
Houston, TX 77073-3499
Comm Ed Building, Room 102
CE: 281.618.5602

LSC-TOMBALL
30555 Tomball Parkway
Tomball, TX 77375-4096
Building E, Room 166
CE: 281.357.3676

LSC-MONTGOMERY
3200 College Park Drive
Conroe, TX 77384-4500
Building E, Room 205
CE: 936.273.7446

LSC-UNIVERSITY PARK
20515 State Highway 249 (at Louetta)
Houston, TX 77070-2607
Building 13, 3rd Floor, Room 303
CE: 281.290.2601

Search & Register for classes online at LoneStar.edu/CE
Arabic

Arabic I, Beginning
ARABC 3000001 80 Contact Hours $292
This course includes beginner’s pronunciation, oral practice, conversation, development of listening comprehension, basic principles of grammar, simple exercises in composition, easy reading which includes cultural material.[1601015113] This course is linked to ARAB 1411.
LSC-Tomball
9413 ARABC 3000001 3W01 Sa 8/28/12/17 8:30 am-1:30 pm S 205
Department consent required. Contact the CTE office at a LSC campus to register.

Arabic II, Beginning
ARABC 3101101 80 Contact Hours $284
This course is a continuation of ARAB 1411 with increased emphasis on comprehension, speaking, reading and writing. Intensive drills to increase vocabulary and knowledge of structure. This course is linked to ARAB 1412.
LSC-University Park
12209 ARABC 3000001 6001 TTh 8/28/12/17 6 pm-8:20 pm UP13 525
Lab hours are included in Lecture Component.

Chinese

Chinese I, Beginning
CHINC 3101101 80 Contact Hours $280
An introduction to modern spoken and written Mandarin Chinese. Beginners speaking, listening comprehension and basic principles in grammar along with simple exercises in compositions and reading which include cultural material. Students will write Chinese characters. This course is linked to CHIN 1411. Prerequisite: ENGL 0305 or ENGL 0316 and ENGL 0307 or 0326 or 0356, OR higher level course (ENGL 1301), OR placement by testing.
LSC-Tomball
9499 CHINC 3101101 3N01 MW 8/28/12/17 6:30 pm-8:45 pm S 205
Department consent required. Contact the CTE office at a LSC campus to register.

Chinese II, Beginning
CHINC 3101102 80 Contact Hours $280
A continuation of CHIN 1411 as an introduction to modern spoken and written Mandarin Chinese. Increased emphasis on speaking, listening comprehension, and basic principles in grammar along with simple exercises in compositions and reading which include cultural material. Students will write Chinese characters. This course is linked to CHIN 1412. Prerequisite: College Level Readiness in Reading AND Writing; Completion of CHIN 1411.
LSC-Tomball
9506 CHINC 3101102 3N01 MW 8/28/12/17 6:30 pm-8:45 pm S 205
Department consent required. Contact the CTE office at a LSC campus to register.

French

French I, Beginning
FRENC 3141101 80 Contact Hours $268
This course includes beginner’s pronunciation, oral practice, conversation, use of recordings for ear training, basic principles of grammar, simple exercises in composition, easy reading which includes cultural material. This course is linked to FREN 1411. Prerequisite: ENGL 0305 or ENGL 0316 AND ENGL 0307 or 0326 or 0356, OR higher level course (ENGL 1301), OR placement by testing.
LSC-North Harris
15505 FRENC 3141101 1201 1Th 8/28/12/17 9 am-11:20 am NCAD 212
LSC-Tomball
9583 FRENC 3141101 3E01 9/11/12/17 Access your online class at www.LoneStar.edu/lsc-online. Contact instructor for more information. Instruction Type: Online

French II, Beginning
FRENC 3141201 80 Contact Hours $268
This course provides a continuation of French I, Beginning with increased emphasis on comprehension, speaking, reading and writing. Included are intensive drills to increase vocabulary and knowledge of structure. Students purchase textbook. This course is linked to FREN 1412. Prerequisite: FREN 1411 or placement by exam, ENGL 0305 or ENGL 0316 AND ENGL 0307 or 0326 or 0356, OR higher level course (ENGL 1301), OR placement by testing.
LSC-Tomball
12224 FRENC 3141101 6003 9/11/12/17 12:30 pm-1:50 pm UP13 507
This is a 14 week late start hybrid class. This class requires independent online work and face to face class participation. Internet access is required. Instruction Type: Hybrid, Internet

French I, Intermediate
FRENC 3231101 48 Contact Hours $204
This course stresses both oral and written exercises to increase vocabulary, expansion of grammatical principles, and short themes written on a variety of topics. Selected readings are included to improve comprehension in French. Students purchase textbook. This course is linked to FREN 2311. Prerequisite: French II, Beginning
LSC-University Park
12226 FRENC 3231101 6001 9/11/12/17 This is a 14 week late start online class. Internet access is required. Access your online course at www.Lonestar.edu/lsc-online. Instruction Type: Online
### Italian

**Italian I, Conversational**  
ITALC 3100193 24 Contact Hours $156  
Senior Fee: $129.60  
Learn the romance language. Emphasis is on conversation while developing vocabulary and phraseology used for business, travel and pleasure.  
LSC-Tomball  
6427 ITALC 3100193 3001 Th 9/12-10/19 6:30 pm-8:30 pm

**Italian II, Conversational**  
ITALC 3100194 24 Contact Hours $156  
Senior Fee: $129.60  
A continuation of Italian conversational comprehension and speaking skills with a focus on idiomatic expressions and sentence structure. Prerequisite: Italian I.  
LSC-Tomball  
15551 ITALC 3100194 3001 TTh 10/24-12/7 6:30 pm-8:30 pm

### Japanese

**Japanese I, Beginning**  
JAPNC 3101101 80 Contact Hours $268  
Beginner’s oral practice and dictation. Conversation, use of recordings for ear training, basic principles of grammar, simple exercises in composition, easy reading which includes cultural material. This course is linked to JAPN 1411. Prerequisite: College Level Readiness in Reading AND Writing  
LSC-Kingwood  
12297 JAPNC 3101101 2001 MW 8/28-12/17 8 am-10:20 am LIB 225  
LSC-Tomball  
9605 JAPNC 3101101 3T01 MW 8/28-12/17 9 am-11:15 am S 205  
Department consent required. Contact the CTE office at a LSC campus to register.

**Japanese II, Beginning**  
JAPNC 3101201 80 Contact Hours $268  
A continuation of JAPN 1411 with increased emphasis on comprehension, speaking, reading and writing. Intensive drills to increase vocabulary and knowledge of structure. This course is linked to JAPN 1412. Prerequisite: JAPN 1411 or 2 years high school language in the preceding two years, ENGL 0305 OR (ENGL 0316 and ENGL 0307 or 0326), OR higher level course (ENGL 1301), OR placement by testing.  
LSC-Kingwood  
12468 JAPNC 3101201 2001 LIB 225  
This is a hybrid class.  
LSC-Tomball  
9610 JAPNC 3101201 3T01 MW 8/28-12/17 11:30 am-1:45 pm S 205  
Department consent required. Contact the CTE office at a LSC campus to register.

**German**

**German I, Conversational**  
GERMC 3100181 24 Contact Hours $156  
Senior Fee: $129.60  
Emphasis is on conversation while developing German vocabulary and phraseology used for business, travel, and other communication needs.  
LSC-Tomball  
6416 GERMC 3100181 3001 MW 8/28-10/9 6:30 pm-8:30 pm

**German II, Conversational**  
GERMC 3100182 24 Contact Hours $156  
Senior Fee: $129.60  
This course is a continuation of German I. Continued emphasis is on conversation while developing German vocabulary and phraseology used for business, travel, and other communication needs.  
LSC-Tomball  
6417 GERMC 3100182 3001 MW 10/11-11/20 6:30 pm-8:30 pm

**German I, Beginning**  
GERMC 3200001 80 Contact Hours $268  
Beginner’s pronunciation, oral practice and dictation. Conversation, use of recordings for ear training, basic principles of grammar, simple exercises in composition, easy reading which includes cultural material. This course is linked to GERM 1411. Prerequisite: College Level Readiness in Reading AND Writing  
LSC-Tomball  
9597 GERMC 3200001 3601 9/11-12/17  
Access your online class at www.LoneStar.edu/lsc-online. Contact instructor for more information. Instruction Type: Online

Linked with a credit course. See page 5 for requirements.
Begin American Sign Language I
SGNL 3100101  
80 Contact Hours  
$294
Manual and receptive proficiency on a basic level. Signed conversation, use of CD-ROM for visual training, basic principles of grammar, simple exercises, easy reading which includes cultural material. This course is linked to SGNL 1401.

LSC-CyFair
12681 SGNLC 3100101 5001 MWF 8/28-12/17 9:30am-11:30am  ART 101
Already know some ASL? Test out of this class! Contact Chris Orta at Christopher.J.Orta@lonestar.edu for more information.

LSC-Fairbanks Center
12520 SGNLC 3100101 5001 MW 9/11-12/17 6:30pm-8:30pm  ART 101

Begin American Sign Language II
SGNL 3100201  
80 Contact Hours  
$294
Continuation of SGNL 1401 with increased emphasis on comprehension, signing and receptive skills. Intensive drills to increase vocabulary and knowledge of ASL structure. This course is linked to SGNL 1402.

LSC-CyFair
6554 SGNLC 3100201 5001 MWF 10/23-12/17 12:30pm-2:30pm  ART 204
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Fairbanks Center
12520 SGNLC 3100201 5001 MW 9/11-12/17 6:30pm-8:30pm  ART 204

Spanish

Spanish I, Conversational
SPANC 3100134  
24 Contact Hours  
$156
Emphasis is on conversation while developing Spanish vocabulary and phraseology used for business, travel and other communication needs. Instruction in selected vocabulary, pronunciation and basic structures used by those employed.

LSC-Kingwood
6837 SPANC 3114111 2803 MWF 8/28-12/17 9:30am-10:50am  FAIR 108
This is an online class and requires internet access. Access your online class at www.lonestar.edu/lsc-online. Students must have textbook by 3rd day of class. Instruction Type: Online

LSC-Montgomery
6734 SPANC 3114111 4501 TTH 8/28-12/17 9:30am-10:50am  FAIR 108

Spanish II, Conversational
SPANC 3100135  
24 Contact Hours  
$156
Senior Fee: $129.60
This class provides a continuation of Spanish conversational skills focusing on idiomatic expressions and sentence structure. Instruction in selected vocabulary, pronunciation, and basic structures used by those employed. Prerequisite: Spanish I or its equivalent.

LSC-Tomball
2102 SPANC 3100135 3001 TTH 9/11-12/17 8:30am-10:20am  FAIR 108

LSC-University Park
10638 SPANC 3100135 6001 MWF 10/16-12/8 11:30am-1:30pm  FAIR 108

Spanish I, Beginning
SPANC 3141101  
80 Contact Hours  
$268
This course includes beginner’s pronunciation, oral practice, conversation, use of recordings for ear training, basic principles of grammar, simple exercises in composition, easy reading which includes cultural material. This course is linked to SPAN 1411. Prerequisite: ENGL 0305 AND ENGL 0307 or 0356, OR higher level course (ENGL 1301), OR placement by testing.

LSC-Kingwood
6837 SPANC 3141101 2803 MWF 8/28-12/17 9:30am-10:50am  FAIR 108

LSC-Montgomery
6734 SPANC 3141101 4501 TTH 8/28-12/17 9:30am-10:50am  FAIR 108

This class provides a continuation of Spanish conversational skills focusing on idiomatic expressions and sentence structure. Instruction in selected vocabulary, pronunciation, and basic structures used by those employed. Prerequisite: Spanish I or its equivalent.

LSC-Tomball
2102 SPANC 3141101 3001 TTH 9/11-12/17 8:30am-10:20am  FAIR 108

LSC-University Park
10638 SPANC 3141101 6001 MWF 10/16-12/8 11:30am-1:30pm  FAIR 108

This is an online class and requires internet access. Access your online class at www.lonestar.edu/lsc-online. Instruction Type: Online

LSC-University Park
10638 SPANC 3141101 6001 MWF 8/28-12/17 8:30am-10:20am  FAIR 108

This is an online class and requires internet access. Access your online class at www.lonestar.edu/lsc-online. Instruction Type: Online
### Spanish II, Beginning

**SPANC 3141201**  
**80 Contact Hours**  
**$268**

This course provides a continuation of Spanish I, Beginning with increased emphasis on comprehension, speaking, reading and writing. Included are intensive drills to increase vocabulary and knowledge of structure. Spanish I, Beginning or 2 years of high school language study within the preceding two years is a prerequisite. This course is linked to SPAN 1412. Prerequisite: SPAN 1411 or SPANC 3101101 and ENGL 0305 or ENGL 0365 and ENGL 0307 or ENGL 0375 or higher level course (ENGL 1301) or placement by testing.

**LSC-Kingwood**

<table>
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Access your online class at www.lonestar.edu/lsc-online. Students must have textbook by third day of semester.

**LSC-Montgomery**

<table>
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<tr>
<th>Code</th>
<th>SPANC 3141201 4501</th>
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SPAN 1411 or placement test required. Instruction Type: Online

**LSC-University Park**

<table>
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<tr>
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This is a 6 week class.

<table>
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<td>M-Th</td>
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This is a 6 week class.

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This is a 6 week class meeting. Internet access is required. Access your online course at www.lonestar.edu/lsc-online. Lab hours are included in lecture component. Instruction Type: Online

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Instruction Type: Online

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</table>

Instruction Type: Online

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### Spanish II, Intermediate

**SPANC 3231201**  
**48 Contact Hours**  
**$204**

This course is a continuation of Spanish, Intermediate I, with emphasis on works by Spanish speaking authors. Continued reinforcement of grammatical principles and development of writing skills are stressed. Spanish, Intermediate I is a prerequisite. This course is linked to SPAN 2312. Prerequisite: SPAN 2311 or SPANC 3231101 or placement exam; ENGL 0305 and ENGL 0307 or ENGL 0356 or higher level course (ENGL 1301) or placement by testing.

**LSC-Kingwood**

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<thead>
<tr>
<th>Code</th>
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This is a late start class. Access your online class at www.lonestar.edu/lsc-online. Students must have textbook by third day of semester. Instruction Type: Online

**LSC-Montgomery**

<table>
<thead>
<tr>
<th>Code</th>
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</table>

This course is taught entirely in Madrid. For more details contact norseman.m.hernandez@lonestar.edu.

**LSC-University Park**

<table>
<thead>
<tr>
<th>Code</th>
<th>SPANC 3231201 6001</th>
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This is a 6 week class. Internet access is required. Access your online course at www.lonestar.edu/lsc-online.

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</table>

This is a 14 week late start online class. Internet access is required. Access your online course at www.lonestar.edu/lsc-online.

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### Spanish I, Intermediate

**SPANC 3231101**  
**48 Contact Hours**  
**$204**

This course stresses both oral and written exercises to increase vocabulary, expansion of grammar principles, and short themes written on a variety of topics. Selected readings are included to improve comprehension in Spanish. This course is linked to SPAN 2311. Prerequisites: SPAN 1412 or SPANC 3101201 or placement exam; ENGL 0305 and ENGL 0307 or higher level course (ENGL 1301) or placement by testing.

**LSC-Kingwood**

<table>
<thead>
<tr>
<th>Code</th>
<th>SPANC 3231101 2001</th>
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This is a late start class. Access your online class at www.lonestar.edu/lsc-online. Students must have textbook by third day of semester. Instruction Type: Hybrid, Internet

<table>
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<tr>
<th>Code</th>
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<th>Room</th>
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This is a late start class. Access your online class at www.lonestar.edu/lsc-online. Students must have textbook by third day of semester. Instruction Type: Online

**LSC-University Park**

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<th>Code</th>
<th>SPANC 3231101 6001</th>
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</table>

This is a 14 week late start online class. Internet access is required. Access your online course at www.lonestar.edu/lsc-online.

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### Certifications

A Certified Nurse Aide has the most interaction with a patient. Certified Nurse Aides are responsible for assisting residents with basic comfort and safety. Jump start your career, enroll today!

For more information, email LSCCE@Lonestar.edu

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Search & Register for classes online at LoneStar.edu/CE
Leisure Learning

LSC-CYFAIR
9191 Barker Cypress Road
Cypress, TX 77433-1383
CASA Building, Room 116
CE: 281.290.3460

LSC-KINGWOOD
20000 Kingwood Drive
Kingwood, TX 77339-3801
CLA Building, Room 107
CE: 281.312.1660

LSC-MONTGOMERY
3200 College Park Drive
Conroe, TX 77384-4500
Building E, Room 205
CE: 936.273.7446

LSC-NORTH HARRIS
2700 W.W. Thorne Drive
Houston, TX 77073-3499
Comm Ed Building, Room 102
CE: 281.618.5602

LSC-TOMBALL
30555 Tomball Parkway
Tomball, TX 77375-4096
Building E, Room 166
CE: 281.357.3676

LSC-UNIVERSITY PARK
20515 State Highway 249 (at Louetta)
Houston, TX 77070-2607
Building 13, 3rd Floor, Room 303
CE: 281.290.2601
**Arts and Crafts**

**Art Appreciation**  
ARTSC 3130101  48 Contact Hours  $262  
A general introduction to the visual arts designed to create an appreciation of the vocabulary, media, techniques, and purposes of the creative process. Students will critically interpret and evaluate works of art within formal, cultural, and historical contexts. This course is linked to ARTS 1301. Prerequisite: College Level Readiness in Reading AND Writing

**LSC-Fairbanks Center**  
9103 ARTSC 3130101 F006 MW 8/28-12/17  7:35 pm-9 pm  FAIR 204

**LSC-Fairbanks Center**  
6543 ARTSC 3130101 F002 7/13-8/20  
Access your online course at www.lonestar.edu/lsc-online. Instruction Type: Online

**LSC-Montgomery**  
6931 ARTSC 3130101 4201 M-Th 7/13-8/20  9 am-10:55 am  MCA A205

**Art History: Prehistory to Gothic**  
ARTSC 3130301  48 Contact Hours  $252  
A chronological analysis of the historical and cultural contexts of the visual arts from the prehistoric times to the 14th century. This course is linked to ARTS 1303. Prerequisite: College Level Readiness in Reading AND Writing

**LSC-Montgomery**  
14829 ARTSC 3130301 4701 MW 9/11-12/17  1:25 pm-2:45 pm  MCA A202

**Art History: Renaissance to Modern**  
ARTSC 3130401  48 Contact Hours  $252  
A chronological analysis of the historical and cultural contexts of the visual arts from the 14th century to the present. This course is linked to ARTS 1304. Prerequisite: College Level Readiness in Reading AND Writing

**LSC-Montgomery**  
14833 ARTSC 3130401 4001 MWF 8/28-12/17  9:05 am-10 am  MCA A202

**Ceramics I**  
ARTSC 3234601  96 Contact Hours  $272  
Exploration of ideas using basic ceramic processes. An introduction to ceramics that examines the historical and cultural significance of the ceramic arts through research and application of various construction methods and firing processes. This course is linked to ARTS 2346. College Level Readiness in Reading AND Writing

**LSC-CyFair**  
9628 ARTSC 3234601 5001 MW 8/28-12/17  1:30 pm-4:30 pm  ART 117

**LSC-Kingwood**  
12281 ARTSC 3234601 2120 MW 8/28-12/17  9 am-11:50 am  CUB 122

9565 ARTSC 3234601 5005 Th 8/28-12/17  6 pm-8:55 pm  ART 117

For orientation information, contact Rabea.V.Ballin@LoneStar.edu. Instruction Type: Online

Search & Register for classes online at LoneStar.edu/CE
Ceramics II
ARTSC 3234701 96 Contact Hours  $272
Investigates advanced techniques, as well as the creative possibilities of clay, glazes and firing procedures. Prerequisite: ARTS 2346 or dept approval and MATH 0306. This course is linked to ARTS 2347. College Level Readiness in Reading AND Writing.

LSC-CyFair
9670 ARTSC 3234701 5001 MW 8/28-12/17 1:30 pm-4:30 pm ART 117
A supply list will be provided on the first day of class. Field trip may be required.
9767 ARTSC 3234701 5003 TTh 8/28-12/17 10:15 am-1:10 pm ART 117
A supply list will be provided on the first day of class. Field trip may be required.
9769 ARTSC 3234701 5005 TTh 8/28-12/17 6 pm-8:55 pm ART 117
A supply list will be provided on the first day of class. Field trip may be required.

Design I - 2-D
ARTSC 3131101 96 Contact Hours  $262
An introduction to the fundamental terminology, concepts, theory, and application of two-dimensional design. Prerequisite: College Level Readiness in Reading AND Writing. This course is linked to ARTS 1311.

LSC-Montgomery
14837 ARTSC 3131101 4001 TTh 8/28-12/17 11:30 am-12:20 pm MCA 201
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Montgomery
15729 ARTSC 3131101 1003 TTh 8/28-12/17 9 am-9:50 am ARTS 110
A supply list will be provided on the first day of class. Field trip may be required.

Design III
ARTSC 3231101 96 Contact Hours  $262
This course examines various theories in the use of color. Students apply their knowledge in creative compositions using such media as acrylics, colored pencil and collage. This course is linked to ARTS 2311. Prerequisite: College Level Readiness in Reading AND Writing.

LSC-Montgomery
15241 ARTSC 3231101 4001 MW 8/28-12/17 11:15 am-12:10 pm MCA A203

Digital Art I
ARTSC 3204801 96 Contact Hours  $262
This course is an introduction to digital imaging on the computer as it relates to art and design, employing a fundamental exploration of potential of computer hardware and software medium for their visual, conceptual and practical uses in the visual arts. Basic theories of design and composition are stressed using digital image editing software to manipulate scanned images. This course is linked to ARTS 2348. Prerequisite: College Level Readiness in Reading AND Writing.

LSC-Tomball
9437 ARTSC 3204801 3001 TTh 8/28-12/17 9:30 am-12:15 pm E 269
Department consent required. Contact the CTE office at a LSC campus to register.
Drawing I
ARTSC 3930002 96 Contact Hours $262
A foundation studio course exploring drawing with emphasis on descriptive, expressive and conceptual approaches. Students will learn to see and interpret a variety of subjects while using diverse materials and techniques. Course work will facilitate a dialogue in which students will engage in critical analysis and begin to develop their understanding of drawing as a discipline. College Level Readiness in Reading AND Writing. This course is linked to ARTS 1316.

LSC-Kingwood
11794 ARTSC 3930002 2120 MW 8/28-12/17 9 am-11:50 am CLB 126

LSC-Montgomery
15214 ARTSC 3930002 4001 MW 8/28-12/17 8 am-8:50 am MCA A203
15220 ARTSC 3930002 4003 MW 8/28-12/17 11:15 am-12:10 pm ARTS 109
15222 ARTSC 3930002 4005 TTh 8/28-12/17 2:30 pm-3:20 pm MCA A203
15225 ARTSC 3930002 4701 TTh 9/11-12/17 8:30 am-9:20 am MCA A203
This is a 14-week class. Begins Tuesday 9/12. Instruction Type: Hybrid, In

Drawing II
ARTSC 3930003 96 Contact Hours $262
A studio course exploring drawing with continued emphasis on descriptive, expressive and conceptual approaches. Students will further develop the ability to see and interpret a variety of subjects while using diverse materials and techniques. Course work will facilitate a dialogue in which students will employ critical analysis to broaden their understanding of drawing as a discipline. Prerequisites: College Level Readiness in Reading AND Writing. This course is linked to ARTS 1317.

LSC-Kingwood
11868 ARTSC 3930003 2120 MW 8/28-12/17 9 am-11:50 am CLB 126

LSC-Montgomery
15229 ARTSC 3930003 4001 MW 8/28-12/17 8 am-8:50 am MCA A203
15231 ARTSC 3930003 4003 MW 8/28-12/17 11:15 am-12:10 pm ARTS 109
15233 ARTSC 3930003 4005 TTh 8/28-12/17 2:30 pm-3:20 pm MCA A203
15235 ARTSC 3930003 4701 TTh 9/11-12/17 8:30 am-9:20 am MCA A203
Instruction Type: Hybrid, Internet

LSC-Tomball
9433 ARTSC 3930003 3101 TTh 8/28-12/17 2 pm-4:50 pm E 180
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-University Park
6266 ARTSC 3930003 6001 W 8/28-12/17 12:30 pm-3:30 pm UP12 133 Lab hours are included in Lecture Component Instruction Type: Hybrid, Internet

Painting I
ARTSC 3231601 96 Contact Hours $262
An introduction to various painting theories and techniques using oil and/or acrylics. This course is linked to ARTS 2316. Prerequisites: ARTS 1311 and ARTS 1316. College Level Readiness in Reading AND Writing.

LSC-CyFair
9616 ARTSC 3231601 5001 Th 8/28-12/17 11:15 am-12:35 pm A supply list will be provided on the first day of class. Field trip may be required. Email instructor one week before the first class meeting at Laura.L.Fisher@lonestar.edu.

LSC-University Park
6271 ARTSC 3231601 6001 Th 8/28-12/17 9 am Noon UP10 102 Lab hours are included in Lecture Component.

Painting II
ARTSC 3231701 96 Contact Hours $262
A continuation of Painting I, with an emphasis on individual expression. Prerequisites: ARTS 2316. College Level Readiness in Reading AND Writing. This course is linked to ARTS 2317.

LSC-CyFair
9618 ARTSC 3231701 5001 Th 8/28-12/17 11:15 am-12:35 pm A supply list will be provided on the first day of class. Field trip may be required. Email instructor one week before the first class meeting at Laura.L.Fisher@lonestar.edu.

LSC-University Park
6276 ARTSC 3231701 6001 Th 8/28-12/17 9 am Noon UP10 102 Lab hours are included in Lecture Component.

Photography I
PHOTC 3235601 96 Contact Hours $272
A beginning course which introduces students to theoretical and applied aspects of photography, including cameras, lenses, photographic materials and techniques, black - and - white darkroom procedures and photographic composition. This is the same course as COMM 1318. This course is linked to ARTS 2356. Prerequisite: ENGL 0305 or ENGL 0316 AND ENGL 0307 or 0326 or 0356, OR higher level course (ENGL 1301), OR placement by testing.

LSC-CyFair
6602 PHOTC 3235601 5001 M-Th 7/13/20-8/20/20 10:15 am-2:15 pm ART 118 A 35 mm SLR Film Camera is required for this creative Art/Photography course. A list of required supplies will be provided on the first day of class. Includes digital photography processes. A digital 35 SLR is optional linked with 6 CE seats Link with Photo I.
9799 PHOTC 3235601 5001 M-Th 8/28-12/17 1:30 pm-4:30 pm ART 118 A 35mm SLR Film camera is required for this creative Art/photography course. A list of other required supplies will be provided on the first day of class. Includes digital photography processes. A digital 35 mm SLR is optional.
9806 PHOTC 3235601 5003 Th 8/28-12/17 1:05 pm-1:10 pm ART 118 Emphasis in this class is on digital photography processes. A digital 35 mm SLR is required. A list of required supplies will be provided on the first day of class.

LSC-Montgomery
15243 PHOTC 3235601 4001 Th 8/28-12/17 11:30 am-12:20 pm MCD 0200
15245 PHOTC 3235601 4701 W 9/11-12/17 11:15 am-12:10 pm MCD 0200
**Photography II**  
PHOTC 3235701 96 Contact Hours $272  
A continuation of Photography I, this course provides further study of photographic theories, techniques and processes. The analysis and utilization of the design and compositional elements in photography are also stressed. This course is linked to ARTS 2357. Prerequisite: ARTS 2356 or COMM 1318, ENGL 0305 or ENGL 0316 AND ENGL 0307 or 0326 or 0356, OR higher level course (ENGL 1301), OR placement by testing.

**LSC-Montgomery**  
15248 PHOTC 3235701 4001 M-Th 8/28-12/17 11:30 am-12:20 pm MCD 0200  
15250 PHOTC 3235701 4701 MW 9/11-12/17 11:15 am-12:10 pm MCD 0200

**LSC-Tomball**  
9495 PHOTC 3235701 3T01 MW 8/28-12/17 2:30 pm-5:20 pm E 266

**Interpersonal Communication**  
SPCHC 3101801 48 Contact Hours $237  
Application of communication theory to interpersonal relationship development, maintenance, and termination in relationship contexts including friendships, romantic partners, families, and relationships with co-workers and supervisors. This course is linked to SPCG 1318.

**LSC-North Harris**  
1913 SPCHC 3101801 1005 M-Th 7/138/20 9:40 am-11:40 am ARTS 118  
Department consent required. For more information, email Jane.Munksgaard@LoneStar.edu. Department consent required. Contact the CTE office at a LSC campus to register. Instruction Type: Online

1915 SPCHC 3101801 1006 7/138/20  
Department consent required. Contact the CTE office at a LSC campus to register. Instruction Type: Online

**Public Speaking**  
SPCHC 7000002 48 Contact Hours $237  
Application of communication theory and practice to the public speaking context, with emphasis on audience analysis, speaker delivery, ethics of communication, cultural diversity, and speech organizational techniques to develop students' speaking abilities. Prerequisite: College Level Readiness in Reading AND Writing. This course is linked to SPCH 1315.

**LSC-North Harris**  
1906 SPCHC 7000002 1002 M-Th 7/138/20 1 pm-3:50 pm ARTS 118  
Required Orientation: Thursday, 7/13, 17, 1pm, ARTS 118. Class meets only on the following dates: Thursday, 7/13, Monday 7/17, 7/24, 7/31, 8/7 and 8/14-1:30, ARTS 118. Email Casey.Garcia@LoneStar.edu for information. Department consent required. Contact the CTE office at a LSC campus to register. Instruction Type: Hybrid, Computer

1908 SPCHC 7000002 1004 7/138/20  
Must have access to a digital camera, PC and daily internet access. Course requires video recording of speeches with at least 4 adult audience members clearly visible in the recordings. For more information, email Wade.Hescht@LoneStar.edu. Department consent required. Contact the CTE office at a LSC campus to register. Instruction Type: Online

**Passport to Retirement**  
BUSXC 3000004 7 Contact Hours $100  
This comprehensive course is designed to help you achieve a successful retirement. Wealth accumulation, defining your needs, goal setting, asset protection, coordinating your retirement benefits in light of the new tax laws, and estate conservation are major areas of concentration.

**LSC-CyFair**  
2761 BUSXC 3000004 5001 Th 9/19-9/28 7 pm-8:45 pm

**LSC-Tomball**  
6091 BUSXC 3000004 3001 MW 9/18-9/27 7 pm-8:45 pm

**LSC-University Park**  
2769 BUSXC 3000004 6001 Th 10/3-10/12 7 pm-9 pm UPEMI 143

**Fitness, Sports, and Dance**  
**Aerobics I**  
PHEDC 3111401 48 Contact Hours $87  
Aerobics is a group activity that may include the following: step aerobics, circuit training, sports conditioning, body toning, Pilates, yoga, high/low impact, cardio-kickboxing, aerobics dance and interval training. Must have high school diploma. This course is linked to PHEDC 1114.

**LSC-University Park**  
4402 PHEDC 3111401 6002 M-Th 7/138/20 8 am-9:55 am CB FITSTU  
3674 PHEDC 3111401 6002 Th 8/28-12/17 8 am-9:20 am CB FITSTU  
3673 PHEDC 3111401 6001 Th 9/11-12/17 5 pm-6:30 pm CB FITSTU

**Ballet I**  
DANCC 3980003 48 Contact Hours $92  
Instruction and participation in ballet technique. Emphasis is upon placement, alignment, technique and terminology. Classical ballet barre, center work and floor combinations are utilized. This course is linked to DANC 1141.

**LSC-Kingwood**  
12294 DANCC 3980003 2130 CB 126
First Aid
PHEDC 3130600  48 Contact Hours  $231
Instruction and practice for emergency care. Designed to enable students to recognize and avoid hazards within their environment, to render intelligent assistance in case of accident or sudden illness, and to develop skills necessary for the immediate and temporary care of the victim. Successful completion of the course may enable the student to receive a certificate from a nationally recognized agency. This course is linked to PHED 1306.

LSC-Kingwood
11152 PHED 3130600 2220  TTh  8/28/12/17  9:30 am-10:50 am  FTC 102
Includes Responding to Emergencies First Aid, CPR for the Professional Rescuer, & AED Certification. This class will NOT fulfill the PHED activity requirement. Email ralmstedt@lonestar.edu prior to the first day of the semester.

Golf I
PHEDC 3112301  48 Contact Hours  $87
Golf I emphasizes basic golf skills, rules, scoring, etiquette, and terminology. Must have high school diploma, successful completion of GED or be in the early admissions program. Linked to PHED 1123.

LSC-Tomball
9686 PHED 3112301 3W01  F  9/1-12/17  9 am-Hnoon  N 102
Range ball fee: $70. First class meeting is Friday, September 8 at LSC-Tomball.

Golf II
PHEDC 3950002  48 Contact Hours  $87
Golf II is an advanced course emphasizing golf techniques, skills, and mental preparation in competitive situations. This course is linked to PHED 2123. Prerequisite: Golf I.

LSC-Tomball
9736 PHED 3950002 3W01  F  9/1-12/17  9 am-Hnoon  N 102
Range ball fee: $70. First class meets Friday, September 8 at LSC-Tomball.

Introduction to Physical Fitness & Sport
PHEDC 3116401  48 Contact Hours  $93
Introduction to Physical Fitness & Sport is a cardiorespiratory fitness course in which students participate in a self-paced walking, jogging, or stationary cycling program. Muscular endurance and flexibility exercise are presented. The course includes an introduction to facts, concepts, and application of wellness principles, such as, nutrition, diet and weight control. This course is linked to PHED 1164.

LSC-Kingwood
8962 PHEDC 3116401 2100  MW  8/28-12/17  7 am-8:20 am  FTC 107B
LAB 2180. Focus on Aqua Aerobics. First class meets Mon. 8/28 @ 7:30 am in FTC 107B. Subsequent classes meet at W. W. Dive. Email ralmstedt@lonestar.edu or call 281.312.1656 for info. Flexible hrs: 7:30 am or 4:30-6 pm. Additional $60 lab fee paid to W. W. Dive. Non-weight bearing aerobic and strength conditioning. Suitable for students with special needs.
8985 PHEDC 3116401 2110  MW  8/28-12/17  8:50 am-10:10 am  FTC 101
LAB 2118.
8988 PHEDC 3116401 2130  MW  8/28-12/17  10:10 am-11:30 am  FTC 103
LAB 2138. Focus on Weight Training. Students should not purchase textbooks until after first class meeting.
8997 PHEDC 3116401 2140  MW  8/28-12/17  11:40 am-1 pm  FTC 101
Focus on Modern Dance. Students should not purchase textbook until after first class meeting.

Jogging I
PHEDC 3111300  48 Contact Hours  $87
Jogging I is a cardiorespiratory fitness course which includes instruction and practice in jogging technique and program setup. Flexibility and strength exercises are included with an introduction
to wellness concepts including nutrition, disease prevention, weight control and other aspects of a healthy lifestyle. This course is linked to PHED 1113.

**LSC-University Park**

PHEDC 3113001 6001 TTh 8/28-12/17 4:00-5:20 pm CB FITNESS CN

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**Tai Chi I**

PHEDC 3113001 48 Contact Hours $87

Instruction and practice in beginning Tai Chi techniques and skills. This course is linked to PHED 1130. Prerequisite: ENGL 0305 or ENGL 0316 AND ENGL 0307 or 0326 or 0356, OR higher level course (ENGL 1301), OR placement by testing.

**LSC-Tomball**

PHEDC 3113001 3101 TTh 8/28-12/17 9:30 am-10:50 am N 220

Department consent required. Contact the CTE office at a LSC campus to register.

**Tennis I**

PHEDC 3902101 48 Contact Hours $87

Tennis I introduces the student to the rules, scoring, and fundamental techniques for tennis beginners. The course includes participation by skill levels for singles and doubles play. Must have high school diploma, successful completion of GED or be in the early admissions program. Linked to PHED 1125.

**LSC-Tomball**

PHEDC 3902101 3W01 Sa 9/1-12/17 9 am-Noon N 104

Class begins Saturday, September 9, 2017.

**Tennis II**

PHEDC 3902102 48 Contact Hours $87

Tennis II is designed to develop and improve skill levels in serving, forehand and background drives, lobs, and volleys. Performance strategies for both singles and doubles are drilled. Must have high school diploma, successful completion of GED or be in the early admissions program. Linked to PHED 2125.

**LSC-Kingwood**

PHEDC 3902102 2591 TTh 10 am-11:20 am FIC 102

Focus on Tennis. Students should not purchase textbook until after first class meeting.

**LSC-Tomball**

PHEDC 3902102 3W01 Sa 9/1-12/17 9 am-Noon N 104

Class begins Saturday, September 9, 2017.

**Weight Training I**

PHEDC 3111201 48 Contact Hours $87

This course emphasizes the development of muscular strength and endurance, cardiovascular fitness and flexibility. Current information and research in the areas of nutrition, proper training techniques, workout organizations, complementary exercises and additional wellness principles are presented and integrated into this physical activity course. Must have high school diploma, successful completion of GED, or be in the early admissions program. Linked to PHED 1112.

**LSC-CyFair**

PHEDC 3111201 5001 MWF 8/28-12/17 1:15 pm-2:15 pm HSCI 103

PHEDC 3111201 5002 TTh 8/28-12/17 8:30 am-9:50 am HSCI 103

PHEDC 3111201 5003 TTh 8/28-12/17 10 am-11:20 am HSCI 103

PHEDC 3111201 5004 TTh 8/28-12/17 1:30 pm-2:50 pm HSCI 103

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**Yoga I**

PHEDC 3112801 48 Contact Hours $87

Senior Fee: $84.60

This introductory course offers practice in basic Yoga. Students study history and basic terms along with philosophical and physiological principles and the movements of Yoga. Must have high school diploma, successful completion of GED, or be in the early admissions program. Linked to PHED 1128.

**LSC-CyFair**

PHEDC 3112801 5001 MWF 8/28-12/17 11:20 am-12:15 pm CENT 118

**LSC-Tomball**

PHEDC 3112801 3101 MWF 8/28-12/17 11 am-12:20 pm N 220

Department consent required. Contact the CTE office at a LSC campus to register.

**Yoga II**

PHEDC 3901502 48 Contact Hours $87

This course is a continuation of Yoga I. The course will offer intermediate level practice of Yoga. Students will study the history and intermediate terms along with philosophical principles of the movements and Yoga as a concept. This course is linked to PHED 2128. Yoga I or previous Yoga experience required. Yoga mat and towel recommended.

**LSC-CyFair**

PHEDC 3901502 5001 MWF 8/28-12/17 11:20 am-12:15 pm CENT 118

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**Business Computer Applications**

BCISC 3100501 80 Contact Hours $249

Students will study computer terminology, hardware, and software related to the business environment. The focus of this course is on business productivity software applications and professional behavior in computing, including word processing (as needed), spreadsheets, databases, presentation graphics, and business-oriented utilization of the Internet. This course is linked to BCISC 1305.

**LSC-Creekside Center**

BCISC 3100501 KT01 MWF 8/28-12/17 9:30 am-10:20 am Department consent required. Contact the CTE office at a LSC campus to register.

BCISC 3100501 KT03 8/28-10/22

Instruction Type: Online
**Mexican-American Fine Arts Appreciation**

HUMAC 3101101 48 Contact Hours $252
An examination of Mexican-American/Chicana/o artistic expression in the visual and performing arts (such as music, painting, drama, and dance) and the ways in which they exhibit values of Mexican-American/Chicana/o experience. This course is linked to HUMA 2319.

**Minority Cultures in the U.S.**

HUMAC 3201901 48 Contact Hours $252
This interdisciplinary survey examines the diverse cultural, artistic, economic, historical, political, and social aspects of US-American minority communities. Topics may include race/ethnicity, gender, socioeconomic class, sexual orientation, national origin, age, disability, and religion. This course is linked to HUMA 2319.

**Old Testament Survey**

RELIC 3101101 48 Contact Hours $237
This course presents the historical, cultural, and literary approaches to understanding the religious themes of the Hebrew Bible. This course is linked to RELI 3131. Prerequisites: ENGL 0305 AND ENGL 0307 or 0326, OR higher level course (ENGL 1301), OR placement by testing.

**Acting I**

DRAMC 3135101 48 Contact Hours $252
Introduction to the art of acting, emphasizing techniques of speech and movement on stage, pantomime, and character analysis, through participation in lab scenes and departmental productions. This course is linked to DRAM 1351. Prerequisite: ENGL 0305 or ENGL 0316 AND ENGL 0307 or 0326, OR higher level course (ENGL 1301), OR placement by testing.

**Acting II**

DRAMC 3135201 48 Contact Hours $252
An introduction to the art of acting, with an emphasis on developing vocal and physical skills through work on monologues and scenes as exhibited in various historical periods. This course is linked to DRAM 1352. Prerequisite: ENGL 0305 or ENGL 0316 AND ENGL 0307 or 0326 or 0356, OR higher level course (ENGL 1301), OR placement by testing.
Concert Choir
MUENC 3930001 48 Contact Hours $92
Concert Choir is a large vocal ensemble performing large-scale sacred and secular works. In addition to local concerts, the group participates in campus activities. The Choir is open to students with vocal experience. Students accepted by audition only! This course is linked to MUEN 1141.

LSC-Tomball
9667 MUENC 3930001 3T01 MW 9/11-12/17 12:30 pm-1:50 pm E 252
This is a 14 week course. Time spent in multiple performances throughout the semester, rehearsals immediately prior to events, and choral previews fulfill the instructional minutes required.

Development of the Motion Picture
DRAMC 3206601 48 Contact Hours $252
Explores the history and development of film with emphasis on the analysis of the visual and aural dramatic aspects of narrative films. The historical growth and sociological effect of film as an art. This course is linked to DRAM 2366. Prerequisite: Completion of ENGL 0305 and ENGL 0307 or ENGL 0356 or higher level course (ENGL 1301) or placement by testing.

LSC-Montgomery
15352 DRAMC 3206601 4002 MW 8/28-12/17 9:35 am-10:55 am
15353 DRAMC 3206601 4003 MW 8/28-12/17 1:25 pm-2:45 pm
15351 DRAMC 3206601 4001 MWF 8/28-12/17 9:05 am-10 am
15358 DRAMC 3206601 4702 T 8/28-12/17 10:30 am-11:50 am
  Instruction Type: Hybrid, Internet
15354 DRAMC 3206601 4501 8/28-12/17
  Instruction Type: Online
15357 DRAMC 3206601 4701 MWF 9/25-12/17 10:10 am-11:05 am
  Instruction Type: Hybrid, Internet
15359 DRAMC 3206601 4703 TTh 10/23-12/17 10 am-12:50 pm
15355 DRAMC 3206601 4502 10/23-12/17
  Instruction Type: Online
15356 DRAMC 3206601 4503 10/23-12/17
  Instruction Type: Online

Jazz Ensemble
MUENC 3930002 48 Contact Hours $92
The study and performance of big band jazz. Swing, Latin, rock and other jazz styles are included. This course is linked to MUEN 1127.

LSC-Tomball
9683 MUENC 3930002 3N01 T 9/11-12/17 7 pm-10 pm E 252
Contact Lisa.Morales@LoneStar.edu for permission to register.

Music Appreciation
MUSIC 3130601 48 Contact Hours $252
A nontechnical course designed to provide the lay-person with the understanding necessary for greater enjoyment of music. This course is linked to MUSI 1306. Prerequisite: ENGL 0305 or ENGL 0316 AND ENGL 0307 or 0326 or 0356, OR higher level course (ENGL1301), OR placement by testing.

LSC-Fairbanks Center
6549 MUSIC 3130601 F001 7/13-12/20
Access your online course at www.LoneStar.edu/lsc-online. Instruction Type: Online

Music Fundamentals
MUSIC 3130101 48 Contact Hours $252
A course for developing basic music skills with emphasis on music reading and elementary music theory for the non-music major and the classroom teacher. This course is linked to MUSI 1301. Prerequisite: ENGL 0305 or ENGL 0316 AND ENGL 0307 or 0326 or 0356, OR higher level course (ENGL 1301), OR placement by testing.

LSC-Montgomery
5964 MUSIC 3130101 4201 M-Th 7/13-8/20 11:50 am-1:50 pm MCH H118

Music, Private Instruction
MUAPC 3930001 8 Contact Hours $311
Senior Fee: $250.60
Private instruction in voice, strings, woodwinds, brass, percussion, guitar or keyboard is available to students who desire to gain or improve proficiency. Held in fifteen weekly sessions of 30 minutes each, times (Monday-Friday) are arranged with individual instructors at orientation. Students must complete an instrument preference form at time of registration. For more information call Dr. David Faber at (281) 618-5648. Students must enroll in Community Education Office at North Harris College. Must have high school diploma, successful completion of GED or be in the early admissions program.

LSC-North Harris
11418 MUAPC 3930001 1001 M-Th 8/28-12/17 7 am-10 pm
Department consent required. Contact the CTE office at a LSC campus to register.

Opera Workshop
MUSIC 3900222 48 Contact Hours $92
The performance of portions or complete operas and the study of the integration of music, acting and staging of an opera. Students may repeat for four hours. This course is linked to MUSI 1157. Prerequisite: Audition and departmental approval; ENGL 0305 or ENGL 0316 and ENGL 0307 or ENGL 0326 or higher level course or placement by testing.

LSC-Kingwood
5920 MUSIC 3900222 2290 M-Th 7/13-8/20 6 pm-10 pm MUS 117

Piano Class I
MUSIC 3118101 48 Contact Hours $112
Beginning keyboard instruction using electronic piano. Persons with some skills may work at own pace. Space is limited! Must have high school diploma, successful completion of GED or be in the early admissions program. Linked to MUSI 1181.

LSC-Montgomery
5960 MUSIC 3118101 4201 M-Th 7/13-8/20 9:40 am-11:40 am MCH H118

LSC-Tomball
9672 MUSIC 3118101 3T01 TH 8/28-12/17 12:30 pm-1:50 pm E 154
Department consent required. Contact the CTE office at a LSC campus to register.
9673 MUSIC 3118101 3T02 TH 8/28-12/17 2 pm-3:30 pm E 154
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-University Park
6285 MUSIC 3118101 6001 TH 8/28-12/17 11 am-12:20 pm UP12 132
MUAPC 3118201 48 Contact Hours $112
Keyboard instruction for the general music major as well as the non-music major who wishes to learn piano. The use of electronic pianos permits individual instruction. Must have high school diploma, successful completion of GED or be in the early admissions program. Linked to MUSI 2182.

LSC-Montgomery
5963 MUSIC 3118201 4201 M-Th 7/138/20 9:40 am-11:40 am MCH H118

LSC-Tomball
9678 MUSIC 3118201 3T01 TIII 8/28/12/17 9:40 am-11:40 am MCH H118

LSC-Tomball
9679 MUSIC 3118201 3T01 TIII 8/28/12/17 12:30 pm-2:40 pm MCH H118
Department consent required. Contact the CTE office at a LSC campus to register.

Piano Class II
MUAPC 3218101 48 Contact Hours $112
Music major, non-music major, high school diploma or GED.

LSC-Montgomery
5962 MUSIC 3218101 4201 M-Th 7/138/20 9:40 am-11:40 am MCH H118

LSC-Tomball
9679 MUSIC 3218101 3T01 TIII 8/28/12/17 9:40 am-11:40 am MCH H118
Department consent required. Contact the CTE office at a LSC campus to register.

Piano Class IV
MUAPC 3218201 48 Contact Hours $112
Keyboard instruction for the general music major as well as the non-music major who wishes to learn piano. The use of electronic pianos permits individual instruction. Must have high school diploma, successful completion of GED or be in the early admissions program. Linked to MUSI 2182.

LSC-Montgomery
5963 MUSIC 3218201 4201 M-Th 7/138/20 9:40 am-11:40 am MCH H118

LSC-Tomball
9682 MUSIC 3218201 3T01 TIII 8/28/12/17 9:40 am-11:40 am MCH H118
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Tomball
9683 MUSIC 3218201 3T02 TIII 8/28/12/17 12:30 pm-2:40 pm MCH H118
Department consent required. Contact the CTE office at a LSC campus to register.

Private Music Guitar
MUAPC 3116101 8 Contact Hours $182
One 1/2 hour lesson per week. This course is linked to MUAP 1161.

LSC-Tomball
9612 MUAPC 3116101 3T01 8/28/12/17
Contact Lisa Morales@LoneStar.edu for permission to register.

Private Music Keyboard
MUAPC 3106901 16 Contact Hours $337
One hour lesson per week. This course is linked to MUAP 1269.
Prerequisite: Departmental approval, Corequisite: One MUEN or MUSI course.

LSC-Tomball
9660 MUAPC 3106901 3T01 8/28/12/17
Contact Lisa.Morales@LoneStar.edu for permission to register.

Private Music Voice
MUAPC 3118101 16 Contact Hours $337
One hour lesson per week. This course is linked to MUAP 1281.
Prerequisite: Departmental approval, Corequisite: One MUEN or MUSI course.

LSC-Tomball
9661 MUAPC 3118101 3T01 8/28/12/17
Contact Lisa.Morales@LoneStar.edu for permission to register.

Private Music Voice
MUAPC 3118101 8 Contact Hours $180
Senior Fee: $166.80
One 1/2 hour lesson per week. This course is linked to MUAP 1181.

LSC-Tomball
9614 MUAPC 3118101 3T01 8/28/12/17

Private Music Voice
MUAPC 3228101 16 Contact Hours $337
Second year, two 1/2 hour lessons per week; two credit hours per semester. This course is linked to MUAP 2281.

LSC-Tomball
9662 MUAPC 3228101 3T01 8/28/12/17
Contact Lisa.Morales@LoneStar.edu for permission to register.

Private Music Woodwinds
MUAPC 3102101 8 Contact Hours $180
One 1/2 hour lesson per week. This course is linked to MUAP 1121.

LSC-Tomball
9612 MUAPC 3102101 3T01 8/28/12/17
Contact Lisa Morales@LoneStar.edu for permission to register.
**Private Music Woodwinds**
MUAPC 3102201 16 Contact Hours $337

**LSC-Tomball**
9620 MUAPC 3102201 3T01 8/28-12/17 Contact Lisa.Morales@Lonestar.edu for permission to register.
9657 MUAPC 3102201 3T02 8/28-12/17 Contact Lisa.Morales@Lonestar.edu for permission to register.

**Pet Care**

**Dog Obedience**
ANIMC 3900102 5 Contact Hours $74
Senior Fee: $61
This class builds and polishes the skills learned in level one, establishing effective Canine Communication and Control (C3) in minutes. As a result, Canine Communication and Control (C3) is established based on the fact that “Dog training is not having the dog trained; dog training is having the human trained to view the world the way the dog views it”. Students will learn basic and advanced commands: come, sit, stay, heel, sit-stay, down-stay, heel-sit-stay, up and respect for the words No! No! The course also includes a consultation on housebreaking and problem behavior modification upon request. Designed for dogs 24 weeks of age or older. Owners must have proof of DHLP, PARVO, and Rabies (if over 4 months) vaccinations. Do not bring your dog to the first class.

**LSC-Tomball**
2104 ANIMC 3900102 3001 M-Th 8/7-8/10 6:30 pm-7:45 pm

**Safety: Driver Education & Firearms**

**Motorcycle Rider Course**
DRIVC 3955501 20 Contact Hours $204
Senior Fee: $165
This weekend class features 5 hours of classroom and 10 hours on-cycle riding time. The course is designed for both the beginning rider and the experienced rider who want to sharpen existing skills and to learn new ones. Special emphasis is placed on mastering full control of the cycle. Once this skill is developed, the course moves to the advanced physical and mental skills needed to ride the motorcycle safely. Some insurance companies may offer a 10 percent discount for three years following completion of the course. Fee includes use of cycles as well as all books and materials. Minimum age is 15. This course is mandatory for those under 18 to obtain a motorcycle license. Under 18 must have parental consent plus have completed or be enrolled in a concurrent Driver’s Education program. Limited enrollment. Register early.

**LSC-North Harris**
1040 DRIVC 3955501 1003 SaSu 6/174/18 8 am-5 pm TRANS INST 101
1041 DRIVC 3955501 1004 SaSu 7/177/2 8 am-5 pm TRANS INST 101
1042 DRIVC 3955501 1005 SaSu 7/157/16 8 am-5 pm TRANS INST 101
1043 DRIVC 3955501 1006 SaSu 7/297/30 8 am-5 pm TRANS INST 101
1044 DRIVC 3955501 1007 SaSu 8/128/13 8 am-5 pm TRANS INST 101

**LSC-Kingwood**
Kingwood.
CareerServices@Lonestar.edu
281-351-3386

**LSC-Montgomery**
TRAC@Lonestar.edu
936-273-7221

**LoneStar.edu/Career-Services**

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**Leisure Learning**

**Writing**

**Writing, Creative**
ENGLC 3230701 48 Contact Hours $237
A brief study of genres of poetry, essay and short fiction. Practice in original composition. Designed for students interested in imaginative writing. Journal notebook and portfolio folders required. This course is linked to ENGL 2307. Prerequisite: Six hours of English or departmental approval.

**LSC-University Park**
2735 ENGLC 3230701 6002 MW 8/28-12/17 12:30 pm-1:50 pm UP13 721
2734 ENGLC 3230701 6001 TTh 8/28-12/17 5:30 pm-6:50 pm UP13 721

Please contact your campus career advisor to gain free access to the job board. Our preferred job search website for students and alumni is Career Star which includes on-campus, off-campus, internships and employment opportunities.

Register Today by Contacting a Career Services Department Near You!

**LSC-CyFair**
Cyfair.Counseling@Lonestar.edu
281-290-3267

**LSC-North Harris**
Marchion.D.Wynne@Lonestar.edu
281-765-7928

**LSC-Tomball**
Barbara.M.Lujan@Lonestar.edu
281-351-3386

**LSC-University Park**
Fonda.R.Johnson@Lonestar.edu
281-401-5384
GED® Test Preparation & Test

Search & Register for classes online at LoneStar.edu/CE

LSC-CYFAIR
9191 Barker Cypress Road
Cypress, TX  77433-1383
CASA Building, Room 116
CE: 281.290.3460

LSC-KINGWOOD
20000 Kingwood Drive
Kingwood, TX  77339-3801
CLA Building, Room 107
CE: 281.312.1660

LSC-NORTH HARRIS
2700 W.W. Thorne Drive
Houston, TX  77073-3499
Comm Ed Building, Room 102
CE: 281.618.5602

LSC-TOMBALL
30555 Tomball Parkway
Tomball, TX  77375-4096
Building E, Room 166
CE: 281.357.3676

LSC-MONTGOMERY
3200 College Park Drive
Conroe, TX  77384-4500
Building E, Room 205
CE: 936.273.7446

LSC-UNIVERSITY PARK
20515 State Highway 249 (at Louetta)
Houston, TX  77070-2607
Building 13, 3rd Floor, Room 303
CE: 281.290.2601
### Free Information Sessions Available for General Education Development (GED®)

Do you need to take your GED®? Do you have questions about the GED®? Lone Star College can answer your questions at one of our many information sessions. Join Lone Star College to discover options for free training (based on eligibility), scheduled course dates and Q&A. For more information contact the CE Department at a campus near you.

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<tr>
<td>September 21, 2017</td>
<td>9 a.m. - Noon</td>
<td>LSC-Conroe Center</td>
</tr>
<tr>
<td>September 25, 2017</td>
<td>9 a.m. - Noon</td>
<td>LSC-CyFair</td>
</tr>
<tr>
<td>October 10, 2017</td>
<td>2 - 5 p.m.</td>
<td>LSC-Kingwood</td>
</tr>
<tr>
<td>October 11, 2017</td>
<td>9 a.m. - Noon</td>
<td>LSC-Conroe Center</td>
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<tr>
<td>October 18, 2017</td>
<td>9 a.m. - Noon</td>
<td>LSC-North Harris</td>
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<tr>
<td>October 23, 2017</td>
<td>1 - 4 p.m.</td>
<td>LSC-Fairbanks Center</td>
</tr>
<tr>
<td>November 1, 2017</td>
<td>6 - 9 p.m.</td>
<td>LSC-North Harris</td>
</tr>
</tbody>
</table>

**Contact your campus Career & Technical office for additional information sessions not listed above.**

### Citizenship Preparation

**DEVSC 3900006**  
15 Contact Hours  
$91.50  
Senior Fee: $75  
This course helps legalized permanent residents meet the objectives for the INS interview for citizenship eligibility. While focusing on the 100 questions produced by the INS for the interview, it helps students acquire basic knowledge of U.S. History and Government in order to become better and more informed citizens of this country.

**LSC-Atascocita Center**  
6071 DEVSC 3900006 A001 F 10/6/11/3 1 pm-3:30 pm

### GED Full Review

**DEVSC 3900506**  
42 Contact Hours  
$123  
Senior Fee: $100.20  
Instruction in the content areas of the GED Test: Reasoning through Language Arts, Mathematics, Social Studies, and Science. A person must be 17 years of age to take this class. The GED test must be registered for separately.

**LSC-Conroe Center**

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>1310 DEVSC 3900506 003 M-Th 6/24-7/19 9 am-9:30 pm</td>
<td>CC 125</td>
<td>LSC-University Park</td>
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<tr>
<td>1311 DEVSC 3900506 004 M-Th 6/24-7/19 6:30 pm-9:30 pm</td>
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**LSC-CyFair**

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<th>Time</th>
<th>Location</th>
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<tr>
<td>3332 DEVSC 3900506 5006 Th 8/22/10-5 6 am-9 pm</td>
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<tr>
<td>3331 DEVSC 3900506 5005 Th 8/29/11-7 Noon 9 pm</td>
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<tr>
<td>3327 DEVSC 3900506 5001 F 9/8/11-1 6 am-9:30 pm</td>
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<tr>
<td>3330 DEVSC 3900506 5004 Th 9/12-10/19 9 am-9 pm</td>
<td>CC 125</td>
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<tr>
<td>3333 DEVSC 3900506 5007 NW 10/2-11/19 9 am-9 pm</td>
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<tr>
<td>3328 DEVSC 3900506 5002 NW 10/16-11/15 9 am-9 pm</td>
<td>CC 125</td>
<td>LSC-University Park</td>
</tr>
<tr>
<td>3334 DEVSC 3900506 5008 NW 10/16-11/15 6 am-9 pm</td>
<td>CC 125</td>
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## Community Education

### GED® Test Preparation & Test

<table>
<thead>
<tr>
<th>LSC-Fairbanks Center</th>
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<th>DEVSC 3900506 F001</th>
<th>MW 7/38/16</th>
<th>9 am-12 pm</th>
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<tbody>
<tr>
<td></td>
<td>3473</td>
<td>DEVSC 3900506 F001</td>
<td>Sa 9/14/2</td>
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<tr>
<td></td>
<td>3474</td>
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<tr>
<td></td>
<td>3475</td>
<td>DEVSC 3900506 F003</td>
<td>M-Th 9/15/12</td>
<td>1 pm-4 pm</td>
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- Department consent required. Contact the CTE office at a LSC campus to register.
- Instruction Type: Hybrid, Internet

### LSC-Kingwood

<table>
<thead>
<tr>
<th>5663</th>
<th>DEVSC 3900506 2002</th>
<th>T-Fh 9/5-10/19</th>
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</tr>
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<tbody>
<tr>
<td>5662</td>
<td>DEVSC 3900506 2001</td>
<td>MW 9/18/11</td>
<td>6 pm-9 pm</td>
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<tr>
<td>5664</td>
<td>DEVSC 3900506 2003</td>
<td>T-Th 10/24-12/14</td>
<td>2 pm-5 pm</td>
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- Department consent required. Contact the CTE office at a LSC campus to register.
- Instruction Type: Hybrid, Internet

### LSC-North Harris

<table>
<thead>
<tr>
<th>4696</th>
<th>DEVSC 3900506 1005</th>
<th>Sa 6/24/19</th>
<th>9 am-1:40 pm</th>
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<tbody>
<tr>
<td>4693</td>
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<td>T-Fh 7/11/24</td>
<td>9 am-12 pm</td>
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<tr>
<td>4695</td>
<td>DEVSC 3900506 1004</td>
<td>MW 7/24/9</td>
<td>6 pm-9 pm</td>
</tr>
<tr>
<td>2925</td>
<td>DEVSC 3900506 1001</td>
<td>MW 8/28/10</td>
<td>9 am-12 pm</td>
</tr>
<tr>
<td>2927</td>
<td>DEVSC 3900506 1003</td>
<td>T-Fh 9/12/2</td>
<td>9 am-1:40 pm</td>
</tr>
<tr>
<td>2929</td>
<td>DEVSC 3900506 1005</td>
<td>Sa 10/7/12</td>
<td>9 am-1:40 pm</td>
</tr>
<tr>
<td>2926</td>
<td>DEVSC 3900506 1002</td>
<td>T-Fh 10/24-12/14</td>
<td>9 am-12 pm</td>
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- Department consent required. Contact the CTE office at a LSC campus to register.
- No class November 21, 2017.

### LSC-Tomball

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<tr>
<th>2091</th>
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<th>T-Fh 7/11/24</th>
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<tbody>
<tr>
<td>6094</td>
<td>DEVSC 3900506 3001</td>
<td>MW 8/28/10</td>
<td>6 pm-9 pm</td>
</tr>
<tr>
<td>6252</td>
<td>DEVSC 3900506 3003</td>
<td>MW-F 8/30/10</td>
<td>9 am-12 pm</td>
</tr>
<tr>
<td>6095</td>
<td>DEVSC 3900506 3002</td>
<td>T-Fh 10/17/12</td>
<td>6 pm-9 pm</td>
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<tr>
<td>6264</td>
<td>DEVSC 3900506 3004</td>
<td>MWF 11/13/12</td>
<td>9 am-12 pm</td>
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</tbody>
</table>

- Department consent required. Contact the CTE office at a LSC campus to register.
- Instruction Type: Hybrid, Internet

### LSC-University Park

<table>
<thead>
<tr>
<th>6358</th>
<th>DEVSC 3900506 6003</th>
<th>M-Th 6/19/3</th>
<th>6 pm-9 pm</th>
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<tr>
<td>6133</td>
<td>DEVSC 3900506 6001</td>
<td>MW 8/29/10</td>
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<tr>
<td>6557</td>
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<td>1 pm-3 pm</td>
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<tr>
<td>6139</td>
<td>DEVSC 3900506 6002</td>
<td>M-Th 10/9/11</td>
<td>6 pm-9 pm</td>
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<tr>
<td>6562</td>
<td>DEVSC 3900506 6005</td>
<td>T-Fh 10/19/12</td>
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<tr>
<td>6143</td>
<td>DEVSC 3900506 6003</td>
<td>M-Th 11/13/12</td>
<td>6 pm-9 pm</td>
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</table>

- Instruction Type: Hybrid, Internet

### GED® Online Prep

| DEVSC 3930005 | 42 Contact Hours | $114 |

- Senior Fee: $93

The GED® on-line prep course utilizes both text and software to determine a student’s academic deficiencies; provides individualized prescriptions and monitors progress as the student works on materials to prepare to take the Official GED® Test. While the majority of the work will be done at home, an initial orientation with the course instructor is required. Follow up with the instructor, either online or in person, is recommended. Text and Internet access are required. The student must be at least 17 years of age to take this course.
Math Prep
DEVSC 3800002 30 Contact Hours $84
Senior Fee: $69
If you are planning to take a technical workforce course, a college algebra math course, need support for contextualized workforce courses, prepare for the TSIA (college entrance assessment), or the GED® Mathematical Reasoning test, but know that you need some extra help with Math skills; then this hands-on class is for you. Through exercises completed both in and outside of class, participants will strengthen their abilities to work problems covering arithmetic operations, decimals, fractions, percents, geometry, and basic algebra. Participants will receive support in a traditional classroom setting along with supplemental support of software to enhance the learning experience. You must be at least 17 years of age to take this class.

LSC-Conroe Center
1327 DEVSC 3800002 C003 MW 7/17/16 12:30 pm-3:30 pm CC 125
Department consent required. Contact the CTE office at a LSC campus to register. Instruction Type: Hybrid, Paper
1331 DEVSC 3800002 C004 TTh 7/18/17 12:30 pm-3:30 pm CC 125
Department consent required. Contact the CTE office at a LSC campus to register. Instruction Type: Hybrid, Paper
2363 DEVSC 3800002 C001 MW 8/28/10/9 12:30 pm-3:30 pm CC 125
Department consent required. Contact the CTE office at a LSC campus to register. Instruction Type: Hybrid, Internet
2364 DEVSC 3800002 C002 TTh 8/29/10/5 12:30 pm-3:30 pm CC 125
Department consent required. Contact the CTE office at a LSC campus to register. Instruction Type: Hybrid, Internet

LSC-CyFair
3225 DEVSC 3800002 5001 TTh 10/17-11/16 6 pm-9 pm
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Kingwood
6113 DEVSC 3800002 2002 MW 10/23-11/29 6 pm-9 pm
Department consent required. Contact the CTE office at a LSC campus to register.
6112 DEVSC 3800002 2001 MW 11/6-12/13 6 pm-9 pm
Department consent required. Contact the CTE office at a LSC campus to register.
Class will not meet Thanksgiving week 11/20/17 & 11/22/17.

LSC-North Harris
2938 DEVSC 3800002 1001 MW 9/18-9/27 6 pm-9 pm
Department consent required. Contact the CTE office at a LSC campus to register.
2939 DEVSC 3800002 1002 TTh 11/27-12/13 9 am-noon
Department consent required. Contact the CTE office at a LSC campus to register.

Pre-GED
DEVSC 3300009 42 Contact Hours $109
Senior Fee: $69
This course is for students with no previous high school experience. Emphasis is placed on building mathematics, writing, reading, and critical thinking skills necessary to a successful transition into a GED class. Prerequisite: ABEAC 690004

LSC-CyFair
3324 DEVSC 3300009 5001 F 9/8-12/1 6 pm-9:30 pm
Department consent required. Contact the CTE office at a LSC campus to register.
Financial Aid Opportunities

Grants

Lone Star College offers funding programs to assist students looking to improve their technical skills or change careers. If you meet the eligibility requirements, you may be able to enroll in courses to improve essential English skills within the workplace, preparation courses for the high school equivalency exam (i.e. GED, etc.), and/or a workforce education certificate program.

Available Opportunities Now!

· Adult Education and Literacy
· Accelerate Lone Star Career Pathways (TWC)
· College Credit for Heroes
· Skills for Small Business Program
· Wagner Peyser

Additional grants are available. Contact your local Career & Technical Education office to review the complete list including specific eligibility requirements.

Scholarships

Scholarships are a type of financial aid that does not need to be repaid. Scholarships are awarded on various criteria usually reflecting the values and purposes of the donor of the award. Scholarships can be based on merit, need, demographics, or career focus. Scholarships are often called "gift aid" because they do not need to be repaid.

Each year the Lone Star College Foundation announces a variety of endowment and special scholarships made possible by the generous support of many individuals, families, estates, businesses, corporations, and/or foundations.

Workforce scholarships are available to eligible students pursuing training in high-skill, high-growth occupations.

Workforce scholarships, provided through Workforce Solutions, allow students to obtain the skills needed to successfully reenter the workforce. The scholarships cover the cost of tuition, fees, books, supplies, and other related costs for individuals who enroll in one of the training programs on the Gulf Coast Workforce Board’s High-Skill, High-Growth Occupations list.

Texas Public Education Grant (TPEG)

This funding is available based on an applicant’s eligibility and financial need. Many workforce certificate courses are eligible for TPEG funding until funds are depleted. Call your local Lone Star College CTE office for more information.

Go to www.fafsa.ed.gov [school code 011415] to complete the Free Application for Federal Student Aid (FAFSA) application.

LoneStar.edu/FA-Grants
<table>
<thead>
<tr>
<th>Credit Workforce Certificate Programs</th>
<th>Median Wage</th>
<th>Job Growth Rate</th>
<th>Job Openings</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>AGRICULTURE, FOOD &amp; NATURAL RESOURCES</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Veterinary Technology</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Veterinary Technology, AAS</td>
<td>$28,776</td>
<td>34.1%</td>
<td>75</td>
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<tr>
<td>Veterinary Assistant Certificate Level I</td>
<td>$23,325</td>
<td>21.0%</td>
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<tr>
<td><strong>ARCHITECTURE &amp; CONSTRUCTION</strong></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Construction Supervisors</td>
<td></td>
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<tr>
<td>Construction Supervision, AAS</td>
<td>$62,503</td>
<td>19.6%</td>
<td>630</td>
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<tr>
<td>Construction Supervision Certificate Level II</td>
<td>$40,606</td>
<td>33.4%</td>
<td>285</td>
</tr>
<tr>
<td>*Business Operations Certificate Level I</td>
<td>$30,129</td>
<td>16.8%</td>
<td>3,205</td>
</tr>
<tr>
<td>*Carpentry NCCER Certificate</td>
<td>$34,528</td>
<td>23.6%</td>
<td>520</td>
</tr>
<tr>
<td>*Concrete Finishing NCCER Certificate</td>
<td>$30,773</td>
<td>30.7%</td>
<td>215</td>
</tr>
<tr>
<td>*Heavy Equipment Operator NCCER Certificate</td>
<td>$36,920</td>
<td>22.7%</td>
<td>410</td>
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<tr>
<td>*Masonry NCCER Certificate</td>
<td>$40,525</td>
<td>36.9%</td>
<td>85</td>
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<tr>
<td>*Plumbing Basics NCCER Certificate</td>
<td>$44,579</td>
<td>28.2%</td>
<td>560</td>
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<tr>
<td>*Scaffolding NCCER Certificate</td>
<td>$34,528</td>
<td>23.6%</td>
<td>520</td>
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<tr>
<td>*Sheet Metal NCCER Certificate</td>
<td>$36,146</td>
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<td><strong>Electrical Technology</strong></td>
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<td>Electrical Technology, AAS</td>
<td>$43,665</td>
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<td>Electrical Technology Certificate Level I</td>
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<tr>
<td>HVAC &amp; Refrigeration, AAS</td>
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<tr>
<td>HVAC &amp; Refrigeration Commercial Servicing Certificate Level I</td>
<td>$40,606</td>
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<td>HVAC Occupational Entry Certificate Level I</td>
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<td>*HVAC NCCER Certificate</td>
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<td>*HVAC Occupational Entry Certificate</td>
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<tr>
<td><strong>Land Surveying &amp; Mapping Technology</strong></td>
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<tr>
<td>Land Surveying and Mapping Technology, AAS</td>
<td>$39,697</td>
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<tr>
<td>Land Surveyor Certificate Level I</td>
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<tr>
<td><strong>ARTS, AUDIO/VISUAL TECHNOLOGY &amp; COMMUNICATION</strong></td>
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<tr>
<td>Game Design &amp; Simulation</td>
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<tr>
<td>Game Design &amp; Simulation Designer (Artist) Specialization, AAS</td>
<td>$86,579</td>
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<tr>
<td>Game Design &amp; Simulation Designer (Artist) Certificate Level II</td>
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<tr>
<td>Game Design &amp; Simulation Designer (Programming) Specialization, AAS</td>
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<td>Game Design &amp; Simulation Developer (Programming) Certificate Level I</td>
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<tr>
<td><strong>Live Entertainment Technology</strong></td>
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<tr>
<td>Live Entertainment Technology, AAS</td>
<td>$37,950</td>
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<tr>
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<tr>
<td>Video Production for Live Entertainment Technology Certificate Level II</td>
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<tr>
<td>Visual Communication</td>
<td></td>
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<tr>
<td>Visual Communication AAS 3D Animation Track</td>
<td>$58,534</td>
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<td>3D Animation Certificate Level II</td>
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<tr>
<td>Visual Communication AAS Graphic Design Track</td>
<td>$43,640</td>
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<td>Graphic Design Certificate Level II</td>
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<tr>
<td>Visual Communication AAS Multimedia Track</td>
<td>$58,534</td>
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<tr>
<td>Multimedia Designer Certificate Level II</td>
<td></td>
<td></td>
<td></td>
</tr>
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</table>

*Fast-track non-credit program

Median Salaries & Job Growth Projections [As of 5.10.17]

<table>
<thead>
<tr>
<th>Credit Workforce Certificate Programs</th>
<th>Median Wage</th>
<th>Job Growth Rate</th>
<th>Job Openings</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Visual Communication</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Visual Communication AAS 3D Animation Track</td>
<td>$58,534</td>
<td>18.3%</td>
<td>20</td>
</tr>
<tr>
<td>Visual Communication AAS Graphic Design Track</td>
<td>$43,640</td>
<td>20.1%</td>
<td>165</td>
</tr>
<tr>
<td>Visual Communication AAS Multimedia Track</td>
<td>$58,534</td>
<td>18.3%</td>
<td>20</td>
</tr>
</tbody>
</table>


123
## Median Salaries & Job Growth Projections (As of 5.10.17)

### Credit Workforce Certificate Programs

<table>
<thead>
<tr>
<th>Program Description</th>
<th>Median Wage</th>
<th>Job Growth Rate</th>
<th>Job Openings</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ENERGY &amp; MANUFACTURING</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Energy &amp; Manufacturing Technology</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mechatronics Technician, AAS</td>
<td>$62,724</td>
<td>7.4%</td>
<td>25</td>
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<tr>
<td>Mechatronics Technician Certificate Level II</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Industrial Diesel Technology, AAS</td>
<td>$42,917</td>
<td>28.6%</td>
<td>310</td>
</tr>
<tr>
<td>Industrial Diesel Technology Certificate Level II</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Petroleum Field Service Technician, AAS</td>
<td>$56,041</td>
<td>15.9%</td>
<td>105</td>
</tr>
<tr>
<td>Petroleum Field Service Technician Certificate Level II</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Petroleum Data Technology, AAS</td>
<td>$56,668</td>
<td>-3.0%</td>
<td>125</td>
</tr>
<tr>
<td>Petroleum Data Technology Certificate Level I</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Process Technology, AAS</td>
<td>$70,153</td>
<td>18.7%</td>
<td>185</td>
</tr>
<tr>
<td>Process Technology Certificate Level II</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>*Pre-apprentice Machinist</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Industrial Electronics Technology, AAS</td>
<td>$37,633</td>
<td>9.0%</td>
<td>205</td>
</tr>
<tr>
<td>Industrial Electronics Technology Certificate Level I</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Engineering Design Technology</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Architectural Engineering Technology, AAS</td>
<td>$42,333</td>
<td>20.1%</td>
<td>125</td>
</tr>
<tr>
<td>Mechanical Engineering Technology, AAS</td>
<td>$54,907</td>
<td>15.2%</td>
<td>110</td>
</tr>
<tr>
<td>Computer-Aided Design Operator/Drafting Certificate Level I, Architectural, Civil/Structural Discipline</td>
<td>$51,150</td>
<td>14.1%</td>
<td>120</td>
</tr>
<tr>
<td>Computer-Aided Design Operator/Drafting Certificate Level I, Mechanical, Manufacturing, Product Design Discipline</td>
<td>$58,075</td>
<td>4.6%</td>
<td>35</td>
</tr>
<tr>
<td>*AutoCAD Draftsman Certificate</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>*SolidWorks Designer Certificate</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Industial Electronics</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Industrial Electronics Technology, AAS</td>
<td>$60,863</td>
<td>14.8%</td>
<td>210</td>
</tr>
<tr>
<td>Machining Technology</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Machining Technology, AAS</td>
<td>$39,515</td>
<td>0.7%</td>
<td>405</td>
</tr>
<tr>
<td>Computer Numeric Control/Programmer II Certificate Level II</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Computer Numeric Control/Programmer I Certificate Level I</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Machinist I Certificate Level I</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Machinist Certificate</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Machinist Tool Certificate</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Machinist Master Certificate</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Oil &amp; Gas Drilling</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>*PAC Gateway Floor-Hand Roughneck Certificate</td>
<td>$35,024</td>
<td>-14.9%</td>
<td>165</td>
</tr>
<tr>
<td><strong>Welding &amp; Inspection</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Inspection Technology Specialization, AAS</td>
<td>$37,910</td>
<td>8.1%</td>
<td>595</td>
</tr>
<tr>
<td>Inspection Certificate Level I</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pipefitter Certificate Level I</td>
<td>$44,579</td>
<td>28.2%</td>
<td>560</td>
</tr>
<tr>
<td>Welding Technology Specialization, AAS</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>*Gas Metal Arc Welding Certificate Level I</td>
<td>$39,715</td>
<td>15.1%</td>
<td>825</td>
</tr>
<tr>
<td>Pipe Welding Certificate Level I</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>*Shielded Metal Arc Welding Certificate Level I</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>*Gas Tungsten Welder (GTAW) Certificate</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>*Forklifting Certification (NCERC) Certificate</td>
<td>$36,507</td>
<td>25.1%</td>
<td>110</td>
</tr>
<tr>
<td>*Pipefitter Certification (NCERC)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>*Pipe Welder Certificate</td>
<td>$44,579</td>
<td>28.2%</td>
<td>560</td>
</tr>
<tr>
<td>*AWS Welder Certificate</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>*AWS Welder Master Certificate</td>
<td>$39,715</td>
<td>15.1%</td>
<td>825</td>
</tr>
<tr>
<td>*Welder (GMAW &amp; GMAW) Certificate</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>FINANCE</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Accounting, AAS</td>
<td>$36,950</td>
<td>3.6%</td>
<td>435</td>
</tr>
<tr>
<td>Accounting Certificate Level I</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Accounting Advanced Technical Certificate in Professional Accounting</td>
<td>$69,428</td>
<td>21.6%</td>
<td>1,920</td>
</tr>
<tr>
<td>*Accounting Assistant/Bookkeeper Certificate</td>
<td>$36,950</td>
<td>3.6%</td>
<td>435</td>
</tr>
</tbody>
</table>

*Fast-track non-credit program.

---

## GOVERNMENT & PUBLIC ADMINISTRATION

No programs offered. Individual classes are available.

## HEALTH SCIENCE

### Dental Hygiene

Dental Hygiene, AAS

<table>
<thead>
<tr>
<th>Median Wage</th>
<th>Job Growth Rate</th>
<th>Job Openings</th>
</tr>
</thead>
<tbody>
<tr>
<td>$37,633</td>
<td>27.4%</td>
<td>115</td>
</tr>
<tr>
<td>*Dental Assistant Certificate</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Diagnostic Medical Sonography

Diagnostic Medical Sonography, AAS

<table>
<thead>
<tr>
<th>Median Wage</th>
<th>Job Growth Rate</th>
<th>Job Openings</th>
</tr>
</thead>
<tbody>
<tr>
<td>$68,239</td>
<td>47.2%</td>
<td>85</td>
</tr>
<tr>
<td>*Sonography Non-Invasive Vascular Technology Advanced Technical Certificate</td>
<td></td>
<td></td>
</tr>
<tr>
<td>*Echocardiography, AAS</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Electrocardiography

*Electrocardiography Technician Certificate | $51,547 | 45.5% | 100 |

### Emergency Medical Services Professionals

### Emergency Medical Services Professions, AAS

<table>
<thead>
<tr>
<th>Median Wage</th>
<th>Job Growth Rate</th>
<th>Job Openings</th>
</tr>
</thead>
<tbody>
<tr>
<td>$33,791</td>
<td>33.8%</td>
<td>200</td>
</tr>
<tr>
<td>*Emergency Medical Technician (EMT) Basic Certificate</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Health Information Technology

Health Information Technology, AAS

<table>
<thead>
<tr>
<th>Median Wage</th>
<th>Job Growth Rate</th>
<th>Job Openings</th>
</tr>
</thead>
<tbody>
<tr>
<td>$34,987</td>
<td>31.8%</td>
<td>215</td>
</tr>
</tbody>
</table>

### Massage Therapy

Massage Therapy Certificate Level I

<table>
<thead>
<tr>
<th>Median Wage</th>
<th>Job Growth Rate</th>
<th>Job Openings</th>
</tr>
</thead>
<tbody>
<tr>
<td>$35,543</td>
<td>34.4%</td>
<td>120</td>
</tr>
</tbody>
</table>

### Medical Assisting

Medical Assisting Certificate Level I

<table>
<thead>
<tr>
<th>Median Wage</th>
<th>Job Growth Rate</th>
<th>Job Openings</th>
</tr>
</thead>
<tbody>
<tr>
<td>$28,352</td>
<td>39.0%</td>
<td>845</td>
</tr>
</tbody>
</table>

### Medical Radiologic Technology

Medical Radiologic Technology, AAS

<table>
<thead>
<tr>
<th>Median Wage</th>
<th>Job Growth Rate</th>
<th>Job Openings</th>
</tr>
</thead>
<tbody>
<tr>
<td>$55,432</td>
<td>27.0%</td>
<td>180</td>
</tr>
<tr>
<td>*Computed Tomography Advanced Technical Certificate</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Medication Aids

*Medication Aids Certificate | $23,351 | 34.7% | 1,075 |

### Nursing

### Nursing Specialization, AAS (Block Curriculum)

<table>
<thead>
<tr>
<th>Median Wage</th>
<th>Job Growth Rate</th>
<th>Job Openings</th>
</tr>
</thead>
<tbody>
<tr>
<td>$68,593</td>
<td>33.6%</td>
<td>2,655</td>
</tr>
</tbody>
</table>

### Transition to Professional Nursing For Articulating Students, AAS (Integrated Curriculum)

<table>
<thead>
<tr>
<th>Median Wage</th>
<th>Job Growth Rate</th>
<th>Job Openings</th>
</tr>
</thead>
<tbody>
<tr>
<td>$44,205</td>
<td>32.7%</td>
<td>815</td>
</tr>
</tbody>
</table>

### Vocational Nursing ADN to VN Certificate Level I

<table>
<thead>
<tr>
<th>Median Wage</th>
<th>Job Growth Rate</th>
<th>Job Openings</th>
</tr>
</thead>
<tbody>
<tr>
<td>$23,351</td>
<td>34.7%</td>
<td>1,075</td>
</tr>
<tr>
<td>*Clinical Medical Assistant Certificate</td>
<td></td>
<td></td>
</tr>
<tr>
<td>*Nurse Aide (DNA) Certificate</td>
<td>$23,351</td>
<td>34.7%</td>
</tr>
<tr>
<td>*Patient Care Technician Certificate</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Occupational Therapy

### Occupational Therapy Assistant, AAS

<table>
<thead>
<tr>
<th>Median Wage</th>
<th>Job Growth Rate</th>
<th>Job Openings</th>
</tr>
</thead>
<tbody>
<tr>
<td>$69,588</td>
<td>38.2%</td>
<td>25</td>
</tr>
</tbody>
</table>

### Personal Trainer

*Personal Trainer Certificate | $41,645 | 23.4% | 175 |

### Pharmacy Technology

### Pharmacy Management, AAS

<table>
<thead>
<tr>
<th>Median Wage</th>
<th>Job Growth Rate</th>
<th>Job Openings</th>
</tr>
</thead>
<tbody>
<tr>
<td>$32,475</td>
<td>26.8%</td>
<td>310</td>
</tr>
</tbody>
</table>

### Pharmacy Technology Certificate Level II

<table>
<thead>
<tr>
<th>Median Wage</th>
<th>Job Growth Rate</th>
<th>Job Openings</th>
</tr>
</thead>
<tbody>
<tr>
<td>$29,560</td>
<td>36.4%</td>
<td>110</td>
</tr>
</tbody>
</table>

### Phlebotomist

*Phlebotomist Certificate | $29,560 | 36.4% | 110 |

### Physical Therapy

### Physical Therapist Assistant, AAS

<table>
<thead>
<tr>
<th>Median Wage</th>
<th>Job Growth Rate</th>
<th>Job Openings</th>
</tr>
</thead>
<tbody>
<tr>
<td>$70,864</td>
<td>41.8%</td>
<td>65</td>
</tr>
</tbody>
</table>

### Respiratory Care

### Respiratory Care Therapist, AAS

<table>
<thead>
<tr>
<th>Median Wage</th>
<th>Job Growth Rate</th>
<th>Job Openings</th>
</tr>
</thead>
<tbody>
<tr>
<td>$56,263</td>
<td>31.8%</td>
<td>130</td>
</tr>
</tbody>
</table>

### Surgical Technology

### Surgical Technology, AAS

<table>
<thead>
<tr>
<th>Median Wage</th>
<th>Job Growth Rate</th>
<th>Job Openings</th>
</tr>
</thead>
<tbody>
<tr>
<td>$44,413</td>
<td>32.9%</td>
<td>110</td>
</tr>
<tr>
<td>*Sterile Processing Technician Practicum Track Certificate</td>
<td>$29,398</td>
<td>28.8%</td>
</tr>
<tr>
<td>*Sterile Processing Technician Non-Practicum Track Certificate</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

*Data is not available due to program and not a specific job title.*
**Fast-track non-credit program**

### Workforce Education | Career and Technical Education

**Median Salaries & Job Growth Projections** *(As of 5.10.17)*

<table>
<thead>
<tr>
<th>Credit Workforce Certificate Programs</th>
<th>Median Wage</th>
<th>Job Growth Rate</th>
<th>Job Openings</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>HOSPITALITY</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Nursing Assistant Certificate</em></td>
<td>$58,519</td>
<td>14.5%</td>
<td>765</td>
</tr>
<tr>
<td><em>Emergency Medical Services Professionals</em></td>
<td>$33,791</td>
<td>33.8%</td>
<td>200</td>
</tr>
<tr>
<td><em>Emergency Medical Services Professions Paramedic Certificate Level I</em></td>
<td>$33,791</td>
<td>33.8%</td>
<td>200</td>
</tr>
<tr>
<td><em>Emergency Medical Services Professions Intermediate Certificate Level I</em></td>
<td>$33,791</td>
<td>33.8%</td>
<td>200</td>
</tr>
<tr>
<td><em>Emergency Medical Technician (EMT) Basic Certification</em></td>
<td>$33,791</td>
<td>33.8%</td>
<td>200</td>
</tr>
<tr>
<td><em>Fire Science Technician</em></td>
<td>$48,684</td>
<td>16.8%</td>
<td>300</td>
</tr>
</tbody>
</table>

**Human Services**

- Cosmetology, AAS: $22,332 24.7% 550
- Cosmetology Operator Certificate Level I: $26,927 26.8% 45
- Facial Specialist Certificate: $47,729 13.1% 105

**Accounting**

- Accounting, AAS: $45,504 23.8% 65

**Inspection Technology Specialization, AAS**

- Welding & Inspection: $36,950 3.6% 435
- Industrial Maintenance Assistant Certificate: $54,109 11.8% 75

**Welding & Inspection**

- Oil & Gas Drilling: $44,205 32.7% 815
- Pipefitting NCCER Certificate: $44,579 28.2% 560

**Mechanical, Manufacturing, Product Design Discipline**

- Comptia A+ Data is not available due to program management in general, but instead and not a specific job title.
- National Institute for Metalworking Skills (NIMS) Data is not available due to program.
- AutoCAD Draftsman Certificate: $37,336 33.0% 55
- Mobile/Web Application Development: $99,340 23.2% 435
- Network & Computer System Administrator, AAS: $80,336 17.2% 260
- Network & Computer Administrator Advanced Certificate Level I: $66,088 18.8% 110
- Network & Computer System Administrator Basic Certificate Level I: $80,336 17.2% 260

**Networking: Cisco & Microsoft**

- Cisco Network Administrator Certificate Level II: $80,336 17.2% 260
- Cisco Network Analyst Certificate Level I: $66,088 18.8% 110
- Cisco Network Administration Level I: $66,088 18.8% 110
- Cisco Network Administrator Certificate, AAS: $80,336 17.2% 260

**Web**

- Web Designer Certificate: $65,834 35.8% 110
- Web Developer Certificate: $65,834 35.8% 110

**Law, Public Safety, Corrections & Security**

- Emergency Medical Services Professionals: $33,791 33.8% 200
- Fire Science Technology, AAS: $48,684 16.8% 300

**Certificate Programs**

- *ASL Communications Skills Certificate Level I* | $49,354 46.2% 115
- *ASL Deaf Interpreter Certificate* | $49,354 46.2% 115
- *ASL Interpretive Skills Certificate Level I* | $49,354 46.2% 115

**INFORMATION TECHNOLOGY**

- Computer Programming Special, AAS: $79,483 2.2% 110
- Computer Programming Specialist Certificate Level II: $79,483 2.2% 110
- C++ Programming Enhanced Skills Certificate: $79,483 2.2% 110
- Visual Basic Enhanced Skills Certificate: $79,483 2.2% 110

**Biotechnology**

- Biotechnology, AAS: $39,067 22.3% 75
- *Biotechnology Laboratory Technician Advanced Technical Certificate* | $39,067 22.3% 75

**Engineering Design Technology**

- Architectural Engineering Technology, AAS: $42,333 20.1% 125
- Mechanical Engineering Technology, AAS: $54,907 15.2% 110
- Computer-Aided Design Operator/Drafting Certificate Level I, Mechanical, Manufacturing, Product Design Discipline: $58,075 4.6% 35

**Food Science Technology**

- *ASL Communications Skills Certificate Level I* | $49,354 46.2% 115
- *ASL Deaf Interpreter Certificate* | $49,354 46.2% 115
- *ASL Interpretive Skills Certificate Level I* | $49,354 46.2% 115
- *ASL Sign Language Interpretation Skills Certificate Level I* | $49,354 46.2% 115

**Environmental Science**

- *Environmental Science, AAS: Substance Abuse Counseling Concentration* | $31,278 23.1% 110
- Human Services, AAS: General Human Services Concentration: $31,278 23.1% 110

**Health**

- Respiratory Care, AAS: $70,864 41.8% 65
- Pharmacy Management, AAS: $33,733 9.0% 205
- Advanced Medical Assistant Certificate: $37,633 9.0% 205
- Pharmacy Technology Certificate Level II: $37,633 9.0% 205
- Pharmacy Technology Certificate Level I: $37,633 9.0% 205
- Medication Aide Certificate: $35,543 34.4% 120
- Massage Therapy Certificate Level I: $35,543 34.4% 120
- Massage Therapy Certificate Level II: $35,543 34.4% 120
- Emergency Medical Services Professionals: $33,791 33.8% 200
- First Line Logistics Leader Certificate Level I: $23,780 22.4% 2,350
- Logistical Management: $87,070 20.5% 115
- First Line Logistics Leader Certificate Level I: $23,780 22.4% 2,350

**Legal**

- *Law Enforcement* | $58,519 14.5% 765
- *Law Enforcement Academy Certificate Level I* | $58,519 14.5% 765
- *Law Enforcement Core Certificate Level I* | $58,519 14.5% 765
- *FTOLE Law Enforcement Officer* | $58,519 14.5% 765
- Paralegal Studies, AAS: $49,706 27.4% 280
- Paralegal Studies Advanced Technical Certificate: $49,706 27.4% 280

**Marketing**

- Business Administration, AAS: $66,737 32.1% 310
- Business Operations Certificate Level I: $30,129 16.8% 3,205

**Science, Technology, Engineering & Mathematics**

- Biotechnology, AAS: $39,067 22.3% 75
- *Biotechnology Laboratory Technician Advanced Technical Certificate* | $39,067 22.3% 75
- *Engineering Design Technology* | $39,067 22.3% 75
- *Computer Programming Specialist Certificate* | $39,067 22.3% 75
- *Computer Programming Specialist Certificate Level II* | $39,067 22.3% 75
- *Computer Programmer Certificate Level I* | $39,067 22.3% 75
- *C++ Programming Enhanced Skills Certificate* | $39,067 22.3% 75
- *Visual Basic Enhanced Skills Certificate* | $39,067 22.3% 75

- Hyperlink to No programs offered. Individual classes are available.
Do you plan to transfer to a 4-year institution?

<table>
<thead>
<tr>
<th>Academic Transfer Degrees and Certificates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Associate of Arts (AA) Degree</td>
</tr>
<tr>
<td>Business AA Degree</td>
</tr>
<tr>
<td>Criminal Justice AA Degree</td>
</tr>
<tr>
<td>Music AA Degree</td>
</tr>
<tr>
<td>Speech Communication AA Degree</td>
</tr>
<tr>
<td>International Studies AA Degree</td>
</tr>
<tr>
<td>Associate of Science (AAS) Degree</td>
</tr>
<tr>
<td>Biology AS Degree</td>
</tr>
<tr>
<td>Biomedical Engineering AS Degree</td>
</tr>
<tr>
<td>Civil Engineering AS Degree</td>
</tr>
<tr>
<td>Computer Science AS Degree</td>
</tr>
<tr>
<td>Electrical Engineering AS Degree</td>
</tr>
<tr>
<td>Industrial Engineering AS Degree</td>
</tr>
<tr>
<td>Mechanical Engineering AS Degree</td>
</tr>
<tr>
<td>Associate of Arts in Teaching</td>
</tr>
</tbody>
</table>

Do you plan to directly enter the workforce?

<table>
<thead>
<tr>
<th>Associate of Applied Science (AAS) Degrees and Workforce Certificates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agriculture, Food &amp; Natural Resources Cluster</td>
</tr>
<tr>
<td>Veterinary Technology</td>
</tr>
<tr>
<td>Veterinary Technology AAS Degree</td>
</tr>
<tr>
<td>Veterinary Assistant Certificate Level I</td>
</tr>
<tr>
<td>Architecture &amp; Construction Cluster</td>
</tr>
<tr>
<td>Construction Supervision</td>
</tr>
<tr>
<td>Construction Supervision AAS Degree</td>
</tr>
<tr>
<td>Construction Supervision Certificate Level II</td>
</tr>
<tr>
<td>Business Operations Certificate Level I</td>
</tr>
<tr>
<td>Carpentry NCCER Certificate</td>
</tr>
<tr>
<td>Concrete Finishing NCCER Certificate</td>
</tr>
<tr>
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## Programs of Study

### Credit and Non-Credit (As of 4.7.17)

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**CF:** LSC-CyFair  | **M:** LSC-Kingwood  | **ML:** LSC-Montgomery  | **NH:** LSC-North Harris  | **T:** LSC-Tomball  | **UP:** LSC-University Park  | **OL:** LSC-Online Learning  | ★ Total Academic Transfer Certification or Degree Offered  | ✩ Some Courses Offered
### Programs of Study

**Credit and Non-Credit (As of 4.7.17)**

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**Finance Cluster**

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<tr>
<td>Payroll Professional Certificate</td>
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**Government & Public Administration Cluster**

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<tr>
<th>Program Area</th>
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<th>OL</th>
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<tbody>
<tr>
<td>No programs offered. Individual classes available.</td>
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**Human Services Cluster**

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<th>Program Area</th>
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<tbody>
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<tr>
<td>Cosmetology AAS Degree</td>
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<tr>
<td>Cosmetology Operator Certificate Level I</td>
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<tr>
<td>Cosmetology Facual AAS Degree</td>
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<tr>
<td>Facial Specialist Certificate Level I</td>
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<tr>
<td>Cosmetology Instructor AAS Degree</td>
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<td><strong>Human Services</strong></td>
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<tr>
<td>Human Services AAS Degree: General Human Services Concentration</td>
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<tr>
<td>Human Services Certificate Level I</td>
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<tr>
<td>Human Services AAS Degree: Substance Abuse Counseling Concentration</td>
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<tr>
<td>Basic Chemical Dependency Counselor Certificate Level I</td>
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<td><strong>Interpreter Training Technology</strong></td>
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<td>ASLS Communications Skills Certificate Level I</td>
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</tbody>
</table>

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**CF:** LSC-CyFair \ **K:** LSC-Kingwood \ **M:** LSC-Montgomery \ **NH:** LSC-North Harris \ **T:** LSC-Tomball \ **UP:** LSC-University Park \ **OL:** LSC-Online Learning | ★ Total Academic Transfer Certification or Degree Offered | ✩ Some Courses Offered
<table>
<thead>
<tr>
<th>Programs of Study</th>
<th>CF K M NH T UP OL</th>
<th>CF K M NH T UP OL</th>
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<tr>
<td><strong>Information Technology Cluster</strong></td>
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<td>Computer Programming</td>
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<td>Paralegal Studies AAS Degree</td>
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<td>Computer Programming Specialized AAS Degree</td>
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<td>Paralegal Studies Advanced Technical Certificate</td>
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<td>Computer Programming Specialized Certificate Level II</td>
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<td>Computer Programmer Certificate Level I</td>
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<tr>
<td>C++ Programming Enhanced Skills Certificate</td>
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<tr>
<td>Visual Basic Enhanced Skills Certificate</td>
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<td><strong>Cybersecurity</strong></td>
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<td>Marketing Cluster</td>
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<td>Cybersecurity AAS Degree</td>
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<td>Business Administration AAS Degree: Marketing Specialization</td>
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<td>Business Administration Certificate Level II: Marketing Specialization</td>
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<td>Business Operations Certificate Level I</td>
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<td><strong>Geographic Information Systems</strong></td>
<td>CF K M NH T UP OL</td>
<td>Science, Technology, Engineering &amp; Mathematics Cluster</td>
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<tr>
<td>Geographic Information Systems AAS Degree</td>
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<td>Biotechnology AAS Degree</td>
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<td>Geographic Information Systems Analyst Certificate Level II</td>
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<td>Biotechnology Laboratory Technician Advanced Technical Certificate</td>
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<td>Geographic Information Systems Technician Certificate Level I</td>
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<td>Geographic Information Systems Occupational Skills Award</td>
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<td><strong>Integrated Technology</strong></td>
<td>CF K M NH T UP OL</td>
<td>Engineering Design Technology</td>
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<td>Converged Technology Advanced Certificate</td>
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<td>Architectural Design Technology AAS Degree</td>
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<tr>
<td>Network &amp; Computer System Administrator AAS Degree</td>
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<td>Mechanical Design Technology AAS Degree</td>
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<tr>
<td>Network &amp; Computer System Administrator Advanced Certificate Level II</td>
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<td>Network &amp; Computer System Administrator Basic Certificate Level I</td>
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<tr>
<td><strong>Mobile/Web Application Development</strong></td>
<td>CF K M NH T UP OL</td>
<td>Transportation, Distribution &amp; Logistics Cluster</td>
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<td>Mobile/Web Application Development AAS Degree</td>
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<td>Automotive Technology AAS Degree</td>
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<tr>
<td>Networking: Cisco &amp; Microsoft</td>
<td>CF K M NH T UP OL</td>
<td>Automotive Service Technician Certificate Level II</td>
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<td>Automotive Service Technician Certificate Level I</td>
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<td>Computer Network Specialization - Cisco AAS Degree</td>
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<td>Cisco Network Administrator Certificate Level II</td>
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<td>Automotive Technician Certificate Firetech NON-CREDIT</td>
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<td>Cisco Network Analyst Certificate Level I</td>
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<td>General Automotive Service Technician Certificate Firetech NON-CREDIT</td>
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<td>Computer Network Specialization - Microsoft AAS Degree</td>
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<td>Department of Transportation CDL Professional Truck Driving Firetech NON-CREDIT</td>
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<td>Network and System Support Certificate Level II</td>
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<td>(CISCO) Network Administrator Certificate Firetech NON-CREDIT</td>
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<td><strong>Web</strong></td>
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<td>Logistics Management</td>
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<td>Visual Communication AAS: Web Design Track</td>
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<td>Logistics Management AAS Degree</td>
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<td>Web Design Certificate Level II</td>
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<td>Web Designer Certificate Firetech NON-CREDIT</td>
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<td>Web Developer Certificate Firetech NON-CREDIT</td>
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<tr>
<td><strong>Law, Public Safety, Corrections &amp; Security Cluster</strong></td>
<td></td>
<td>Industry Certification &amp; Exam Prep Cluster</td>
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<tr>
<td>Emergency Medical Services Professionals</td>
<td>CF K M NH T UP OL</td>
<td>A+ Certification Firetech NON-CREDIT</td>
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<td>Emergency Medical Services Professions AAS Degree</td>
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<td>A+ Airline Exam Prep Certificate Firetech NON-CREDIT</td>
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<td>Emergency Medical Services Professions Paramedic Certificate Level I</td>
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<td>CompTIA A+ Firetech NON-CREDIT</td>
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<td>Emergency Medical Services Professions Intermediate Certificate Level I</td>
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<td>CompTIA Network+ Firetech NON-CREDIT</td>
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<td>Emergency Medical Technician (EMT) Basic Certificate Firetech NON-CREDIT</td>
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<td>Electrician - Journeyman Exam Review Certificate Firetech NON-CREDIT</td>
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<tr>
<td><strong>Fire Science Technology</strong></td>
<td>CF K M NH T UP OL</td>
<td>Electrician - Master Exam Review Certificate Firetech NON-CREDIT</td>
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<td>Fire Science Technology AAS Degree</td>
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<td>National Career Readiness (NCR) Firetech NON-CREDIT</td>
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<tr>
<td>Basic Structural Firefighter Certificate Level I</td>
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<td>National Institute for Metalworking Skills (NIMS) Firetech NON-CREDIT</td>
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<tr>
<td><strong>Law Enforcement</strong></td>
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<td>Oracle DBA Certification Firetech NON-CREDIT</td>
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<td>Law Enforcement AAS Degree</td>
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<td>OSHA 10 and 30 Firetech NON-CREDIT</td>
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<td>Law Enforcement Academy Certificate Level I</td>
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<td>Project Management Certification Firetech NON-CREDIT</td>
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<td>Law Enforcement Core Certificate Level I</td>
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<td>Texas Society of CPAs Firetech NON-CREDIT</td>
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<tr>
<td>TCOLE Law Enforcement Officer Firetech NON-CREDIT</td>
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<td>WorkKeys Firetech NON-CREDIT</td>
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CF: LSC-CyFair  K: LSC-Kingwood  M: LSC-Montgomery  NH: LSC-North Harris  T: LSC-Tomball  UP: LSC-University Park  OL: LSC-Online Learning  ∗ Total Academic Transfer Certification or Degree Offered  ∗ Some Courses Offered
About LSC-CyFair

Cypress-Fairbanks residents voted to become part of Lone Star College in August 2000 and the new Lone Star College-CyFair opened in May 2002 as the fifth Lone Star College. LSC-CyFair now has four locations to help make education accessible and convenient for the rapidly-growing Cypress-Fairbanks area: 1) The LSC-CyFair campus on Barker Cypress Road at West Road, a 200-acre, state-of-the-art campus centered around beautiful ponds; 2) The LSC-Fairbanks Center at U.S. Highway 290 and West Little York Road, which is strategically designed for students who live or work in the southeast portion of the Cy-Fair community; 3) The LSC-Cypress Center, which opened in fall 2013 at Clay and Fry Roads, serves residents in the southwest area of Cypress-Fairbanks, and; 4) The LSC-Westway Park Technology Center, scheduled to open in Spring 2018.

Highlights

- LSC-CyFair offers more than 60 areas of study for the traditional, full- or part-time student; university partnerships, academic transfer courses and degrees; and workforce development and continuing education.
- Leading-edge technology to promote relevant job skills in Networking, Visual Communication and more.
- State-of-the-art advanced manufacturing center, preparing students for degrees in welding, manufacturing, machining, electronics, drafting, engineering technology and more.
- Exceptional healthcare programs including nursing, medical radiologic technology, medical assisting and sonography.
- Access to a comprehensive library system via a collaborative community partnership with the Harris County Public Library and LSC-CyFair.
- Training for Emergency Medical Services and Fire Science students at the Emergency Services Education Center via a collaborative community partnership with LSC-CyFair and the Emergency Services District.
- The Center for the Arts houses the visual and performing arts featuring artistic talent in many mediums displayed in the Bosque Gallery as well as choral, instrumental and theatrical performances year round.
- Comprehensive student support to assist students identify and complete their academic and career goals.
About LSC-Kingwood

When Lone Star College-Kingwood opened in August 1984 as the second Lone Star College, it was referred to as the “East Campus.” Situated on 273 beautifully landscaped wooded acres, LSC-Kingwood is conveniently located at U.S. Highway 59 and Kingwood Drive in the northeast sector of the Lone Star College.

LSC-Kingwood offers two off-site locations to better serve the rapidly-growing communities of Kingwood, Humble, Atascocita, and eastern Montgomery County. The locations include: 1) The LSC-Atascocita Center at 15903 West Lake Houston Parkway, which opened in 2011; and 2) The LSC-EMCID Center at the East Montgomery County Improvement District’s state-of-the-art, high-tech facility. In addition, LSC-Kingwood offers high school students the opportunity to earn college credits through its dual credit and early college programs.

Highlights

• LSC-Kingwood offers more than 60 areas of study for the traditional, full- or part-time student; university partnerships, academic transfer courses and degrees; and workforce development and continuing education.
• In January 2017, LSC-Kingwood introduced the Process Technology Program that will prepare graduates for entry-level careers as process technologists/operators. This program will be housed in the new Process Technology Center, located off Beltway 8 in Generation Park, opening in Fall 2017.
• LSC-Kingwood’s Center for Civic Engagement is a unique program that encourages students, faculty, and staff to become active citizens involved in their communities by providing opportunities and resources to engage in service oriented community activities.
• LSC-Kingwood’s Dental Hygiene Program, which is one of the top in the state of Texas, has consistently had a 100 percent pass rate on state board exams by its students. Through a partnership with Texas Woman’s University, students can now earn their Bachelor of Science degree in dental hygiene without leaving LSC-Kingwood’s campus.
• LSC-Kingwood offers other health-related training to prepare students for health careers including nursing, occupational therapy assistant and respiratory care therapist.
• LSC-Kingwood offers Cosmetology and Facial programs that prepare students to meet the requirements to take licensing exams for the state of Texas.
**About LSC-Montgomery**

Located on 165 acres of pine forest between The Woodlands and Conroe, LSC-Montgomery was established as a comprehensive college to serve the residents of Montgomery County. LSC-Montgomery is many things to many people. For some it is the first step toward a degree – associate, bachelor’s or master’s. For others, it offers career programs and certificates that lead to real jobs – in two years or less. Still others enjoy leisure learning opportunities, individual classes, artistic programs, library access, community events and more.

**Highlights**

- Promotes student success by engaging students in a variety of opportunities that support their cultural, social, intellectual, leadership, personal and physical development while enhancing their overall college experience.
- Offers more than 60 comprehensive areas of study for the traditional, full- or part-time student, as well as workforce education and continuing education programs.
- Delivers access to fully-online degrees, hybrid classes, and individual online classes - flexible options to fit with each student’s goals.
- The Honors College at LSC-Montgomery provides a wide range of opportunities for high-achieving students, such as graduating with an Honors AA or Honors AS degree, Honors distinction upon graduation and individual honors course credit.
- The Undergraduate Research Institute at LSC-Montgomery empowers students to participate in inquiry, methodology and discovery at increasingly advanced levels in collaboration with faculty, both within the classroom and independently.
- LSC-Montgomery’s satellite campus, LSC-Conroe Center, is a comprehensive educational campus that provides a mix of academic transfer courses and corporate and workforce training programs.
- The Write Place and the Student Tutoring And Research Center at LSC-Montgomery provide academic resources to support student success, including free tutoring, assistance with writing-related activities, print and online resources, as well as librarian assistance to support student research.
About LSC-North Harris

Since 1973, Lone Star College-North Harris has been serving residents of the Aldine and Spring school districts. It was the first and founding college of Lone Star College and set the pace with quality, affordable education. In addition to the 200-acre main campus located in north Houston, LSC-North Harris serves thousands of students via two satellite centers – LSC-Greenspoint Center and LSC-Victory Center, with a third slated to open in fall 2018. Industry-specific classes are also offered through the college’s specialized facilities, the LSC-Health Professions Building and the CHI LSC-North Harris School of Cosmetology, both of which capitalize on local partnerships to provide valuable training in high-demand fields.

Highlights

• Flexible class schedules and first-class professors who recognize students’ need to juggle classes with work and family responsibilities. Courses are held during the day, in the evening, on weekends and in fast-track, independent, online or individualized study formats.
• More than 180 degree and certificate programs designed for both university transfer and career building.
• A comprehensive library for students and the community, which includes a Makerspace—an interactive lab where students can use advanced technology to create, invent and learn.
• Free tutoring, computer lab use, on-campus parking, intramural sports programs, plus a comprehensive weight training center, dance/aerobics studio, walking trail and gymnasium.
• The college’s Fine Arts department offers a comprehensive curriculum with programs in art, dance, theater and music.
• The LSC-Health Professions Building, located near Houston Northwest Medical Center, is home to many of the college’s Allied Health and Nursing programs, including Health Information Technology and Pharmacy Technology.
• The CHI LSC-North Harris School of Cosmetology is a unique partnership that brings the world-renowned methods and products of Farouk Systems, Inc. to an exceptional cosmetology program at LSC-North Harris with an up-to-date curriculum and experienced instructors.
About LSC-Tomball

Lone Star College-Tomball, the third of the six Lone Star Colleges, was the result of many years of dedication by community members to bring higher education to the Tomball and Magnolia communities. Residents of the Tomball Independent School District voted in 1982 to join the Lone Star College and LSC-Tomball opened its doors for students in 1988. Today, LSC-Tomball serves thousands of students via three locations, LSC-Tomball main campus, the LSC-Tomball Health Science Building and the LSC-Creekside Center, an LSC-Tomball satellite center located in the Creekside area of The Woodlands, opened in January 2016. LSC-Tomball students can earn Associate of Arts, Associate of Science or Associate of Applied Science degrees, complete their general education courses for transfer to a four-year college or university, or earn workforce certificates in a variety of areas that lead to high-demand jobs.

Highlights

• The Honors program, service learning, dual credit and international studies allow LSC-Tomball students to have an advanced academic college experience.

• The LSC-Tomball Community Library, a joint library with the Harris County Public Library system, houses a wide variety of resources for the community, including a children’s library, as well as a wealth of resources to serve the research needs of students.

• In addition to traditional course offerings, fast track options, and “finish early” courses, it is now possible to become “Core-complete” exclusively online! Students enrolled at Lone Star College or any public university in Texas, must complete the Texas Core Curriculum.

• To support student success, LSC-Tomball offers professional advising and counseling, financial aid services, recruitment and outreach services, testing and tutoring support, and accommodations for students with disabilities. Additionally, a vibrant Student Life department provides students with many opportunities to get connected, make friends, learn leadership skills, and enhance their academic experience.

• Continuing education courses for lifelong learners are also available. Discovery College provides a safe and fun college experience during the summer for students age 6–17. The Academy for Lifelong Learning (ALL) program offers opportunities for adults age 50+ to take free or low-cost classes and participate in personal interest activities. Preparation courses for the General Educational Development (GED) test are also offered, along with other adult basic education courses.
About LSC-University Park

Lone Star College-University Park, the system’s sixth college, opened for classes in spring 2010 where Compaq Computer and Hewlett Packard’s world headquarters once were on State Highway 249 at Louetta Road.

It is designed to be a college as well as an incubator for innovative partnerships between education, business and industry, and the community. Along with two-year degrees and certificates in many areas, LSC-University Park also offers bachelor’s and master’s degrees at the LSC-University Center at LSC-University Park, through partnerships with a number of four-year universities. LSC-University Park also houses LSC-Online, the Veterans Affairs Center, Lone Star Corporate College and the Lone Star College Conference Center. The Lone Star College Energy & Manufacturing Institute is also part of LSC-University Park.

LSC-University Park is one location with many opportunities, making higher education convenient, affordable and accessible to the northwest Harris County community.

Highlights

- Offers associate degrees, credit and non-credit courses, workforce training and continuing education classes and certificates in many areas.
- Paths to degrees include instruction in person, online and in hybrid formats, providing a variety of learning environments to help students succeed.
- LSC-University Park offers online classes and areas of study that fit any schedule. Students enjoy the flexible learning environment led by faculty who are skilled in online teaching and course development.
- Faculty members possess the academic credentials, business and industry experience, and student-centered focus that deepen critical and creative thinking to enhance student success.
- Interactive teaching and engaged learning.
- On-site “first-stop” student services including admissions, financial aid assistance, tutoring, advising, counseling, and assessment and placement testing.
- On-site bookstore, digital library services, computer resources, childcare at the YMCA Children’s Academy and much more to help students achieve their goals.
- Specialized services available for veterans, international students, and ADA accommodations.
- University partners offer bachelor’s and master’s level classes and degrees on-site at the same facility. Current LSC-University Center at University Park partners include: University of Houston and University of Houston-Downtown.
- 2+2 programs offer seamless credit transfer – two years at Lone Star College with two years at a four-year university on site.
- Free tutoring services, free math and science homework help at The Homework Hotspot & The Science Hotspot.
As the first of two university center locations at Lone Star College, the LSC-University Center at The Woodlands has been setting the standard for on-site delivery of various upper level bachelor’s, master’s and doctoral degree programs for more than 10 years. It is conveniently located in a 78,000-square-foot building on the edge of the LSC-Montgomery campus.

Students are able to select from more than 40 programs offered by six universities operating on site: Lamar University, National American University, Our Lady of the Lake University, University of St. Thomas, Our Lady of the Lake University-Weekend College, Sam Houston State University, Stephen F. Austin State University and University of St. Thomas. Call 936.273.7510 or visit LoneStar.edu/UC-TheWoodlands for detailed descriptions of programs.

**Highlights**

- Students are able to complete freshman and sophomore level requirements from any Lone Star College or any other Texas community college before transferring to one of the partner universities.
- In addition to junior- and senior-level courses leading to bachelor’s degrees, four of the partner universities offer graduate programs for master’s and two universities offer doctoral degrees on-site.
- Classes offered are identical to those offered on the university home campuses. Each university’s faculty teach courses on site at the University Center.
- Students have access to the University Center’s wireless network and a virtual library connecting them to their home university library.
- Visit LoneStar.edu/UC-TheWoodlands for detailed descriptions of programs.

**The University Centers at Lone Star College**

**Student success**

Student success and credential completion – students completing their educational goals – is a core value for Lone Star College.

LSC works to provide proven steps and procedures to help students from the first day they step on campus until they complete their degree or credential – whatever their educational goal. In addition to associate degrees and certifications in career and technical education, Lone Star College opens doors for students who want to continue their education and obtain a four-year degree and more.

**Transfer made easy**

The Lone Star College University Center model is unique, innovative and is one that has been duplicated at many colleges across the country. Transferring to a four-year university partner has never been easier for Lone Star College students.

First, LSC University Center partners have operations on site at the Lone Star College University Centers, which makes for a smoother transition process. Also, specific transfer programs—like the 2+2 program—allow students to take their first two years of classes at Lone Star College and then the second two years of upper-level courses at one of the university partners, without having to reapply.

**Joint Admission**

Students are also able to better maximize the number of courses completed at Lone Star College that can be applied toward their bachelor’s degrees by joint admission, which allows students to co-enroll at a partner university while attending Lone Star College. Benefits include a simplified application process, discounted or no application fees, and complete access to the facilities and resources of both institutions.
Reverse transfer

Lone Star College also has reverse transfer programs with its University Center partner universities, and other colleges in Texas, which establish policies and procedures for credits earned at universities to be transferred back to Lone Star College and applied toward associate degrees. Students wishing to obtain an associate degree while attending a partner university are able to transfer university credit toward the Lone Star College associate degree.

For more information visit LoneStar.edu/university-center.

The second of the Lone Star College university center locations, LSC-University Center at University Park is also designed to provide easy transfer for LSC graduates into advance degrees and programs offered by the four-year university partners on site at this location. The university partners offer more than 30 unduplicated degrees to help advance the educational goals of students after attaining an associate degree with Lone Star College. To provide for easier access to upper-level education, LSC-University Center at University Park offers a 2+2 transfer agreement which gives students the opportunity to earn a two-year AA or AS degree (some AAS degrees apply) from Lone Star College and then continue with two years at one of the partner universities on site to complete a bachelor’s degree.

Highlights

- Lone Star College advisors and partner university advisors are available in one location to assist students planning to transfer into a variety of undergraduate and graduate degree programs, along with professional certification programs.
- Students are able to complete freshman and sophomore level requirements from any Lone Star College before transferring to one of the partner universities on site.
- The campus consists of five major office buildings and facilities totaling more than 1.2 million square feet with supporting facilities and parking.
- Complete student support services for Lone Star College and each university are also available, including assistance with applications, admission, degree planning, class transfer and transcript analysis.
- Lone Star College advisors and university partner advisors are on site weekdays and are available by appointment or walk-in.
- Programs offered are of the same quality as those on the university home campuses and are taught by partner faculty members.
- Students have access to a variety of multi-media equipment, computer labs and an electronic library connecting them to their home universities and other library services, inter-library loans, and research opportunities.
- Visit LoneStar.edu/UC-UniversityPark for detailed descriptions of each program offered.
Register for classes online at LoneStar.edu/CE

Design Communications I 37
Design I - 2-D 109
Design III 109
Designing Effective Websites 37
Digital Art I 109
Digital Imaging I 37
Dog Obedience 117
Drafting and Design Technology REVIT 37
Drawing I 110
Drawing II 110
Drilling/Rig Floor Core Skills 53

ECG for Patient Care Technicians 62
Electrical Calculations I 50
Electrical Drafting 38
Electrical/Electronics and Hardware 48
Electrical Safety and Tools, Introduction 50
Electrical Systems Design 50
Electrical Theory, Basic 50
Electrocardiography 62
Electrocardiography, Diagnostic 63
Electrocardiography Monitor Technician 63
Electrocardiography Technician Proctor Fee 63
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Emergency Medical Technician, Basic Clinical 63
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ESOL Grammar II 91
ESOL Grammar III 91
ESOL Grammar IV 92
ESOL Grammar V 92
ESOL Language Skills Workshop 92
ESOL Oral Communication I 93
ESOL Oral Communication II 93
ESOL Oral Communication III 94
ESOL Oral Communication IV 94
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ESOL Reading II 95
ESOL Reading III 96
ESOL Reading IV 96
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ESOL Writing III 97
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Forklift Certification 48
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French II, Beginning 103
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French II, Intermediate 104
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Fundamentals of Oxy-Fuel Welding NCCER Ironwk 54
Funeral Design Techniques 30

Gas Metal Arc Welding (GMAW) 54
Gas Tungsten Arc Welding (GTAW) 55
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GED Revisión en Español 120
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German I, Conversational 104
German II, Conversational 104
Golf I 112
Golf II 112
Grammar and Writing for the Workplace I 101

Health Occupations Orientation 66
Health Occupations Professionalism 67
HTML II, Website Development (Advanced) 39
HTML I, Web Site Development 38
HVAC Basics 48
Date: __/__/20____

Term: ☐ Fall ☐ Spring ☐ Summer

I currently reside:
☐ In the state of Texas
☐ Not in the state of Texas

Student Registration Information

<table>
<thead>
<tr>
<th>Last Name</th>
<th>First Name</th>
<th>Middle Name</th>
<th>Student ID or Soc. Sec. No.*</th>
</tr>
</thead>
</table>

Address:
City: ________________________ State: __________ Zip: __________

Email Address: __________________________

Emergency Contact
Name: __________________________ Relationship: __________________________ Phone No: __________________________

Demographic Questionnaire

Gender: ☐ M ☐ F
Race (Check all that apply):
☐ American Indian/Alaskan Native ☐ Asian
☐ Black/African American ☐ Hispanic or Latino
☐ Native Hawaiian/Pacific Islander ☐ White

Additional Information
☐ Academically disadvantaged ☐ Not Hispanic or Latino
☐ Economically disadvantaged ☐ Not Hispanic or Latino
☐ Displaced Homemaker ☐ White
☐ Single Parent
Type of Disability: __________________________

How did you hear about us?
☐ Received a schedule in the mail
☐ Picked up a schedule from a business location
☐ LoneStar.edu
☐ Other: __________________________

What is your primary goal?
☐ Personal Enrichment ☐ Leisure Learning
☐ Academy for Lifelong Learning (ALL) Member
☐ Professional Development
☐ Workforce Certificate, Which certificate? __________________________
☐ Other: __________________________

Course Selection

<table>
<thead>
<tr>
<th>Class #</th>
<th>Course Title</th>
<th>Catalog #</th>
<th>Campus</th>
<th>Start Date</th>
<th>Course Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ex: 5555</td>
<td>Introduction to Computers</td>
<td>ITSCC 2100103</td>
<td>LSC-CyFair</td>
<td>09/02/14</td>
<td>$180</td>
</tr>
</tbody>
</table>

Payment is due at the time of registration.

Make all checks payable to Lone Star College System.
A $20 infrastructure fee is charged per semester.

_____ (please initial) I understand that if I wish to drop a class and receive a full refund, I must drop the class three business days before the class is scheduled to begin.

Student Signature: __________________________

Charge to My:
☐ AmEx ☐ Discover ☐ Master Card ☐ Visa

Name on Card: __________________________ Authorized Signature: __________________________
Billing Address: __________________________

Visit LoneStar.edu • Affirmative Action/EEO College • For more information on bacterial meningitis please go to www.Tdh.state.tx.us