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 122.
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 and plans to begin construction on several new technology centers, 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
Corporate College/Career & Technical Education

General Information

Lone Star College 2016–2017 Calendar

FALL • SPRING • SUMMER

Important Dates

**Fall 2016**
- Apr 13: Registration begins
- Aug 20: Payment due
- Aug 29: Fall classes begin
- Dec 9: Payment due (Winter mini-mester)
- Dec 12–18: Fall 2016 Final Exams
- Dec 18: End of semester
- Dec 19: Winter mini-mester begins
- Jan 8: 3-week mini-mester ends
- Jan 15: 4-week mini-mester ends

**Spring 2017**
- Nov 14: Registration begins
- Jan 7: Payment due
- Jan. 17: Spring classes begin
- May 8–14: Spring 2017 Final Exams
- May 12–13: Commencement
- May 14: End of semester

**Summer 2017**
- Mar 1: Registration begins
- May 5: Payment due (May mini-mester)
- May 15: May mini-mester begins
- May 26: Payment due (Summer 2017)
- June 4: Summer I classes begin
- June 5: Summer I classes end
- July 11: Summer I classes begin
- July 13: Summer II classes begin
- Aug 20: Summer II classes end

**College Holidays**

- 2016: Sept 3–5 (Labor Day holiday)
- Nov 23–27 (Thanksgiving holiday)
- Dec 25 (Winter mini-mester holiday)
- Jan 1 (Winter mini-mester holiday)
- Dec 22–Jan 4 (Winter holiday)
- 2017: Jan 16 (MLK holiday)
- Mar 13–19 (Spring Break)
- Apr 14–16 (Spring holiday)
- May 27–29 (Memorial Day holiday)
- July 4 (Independence Day holiday)

**Financial Aid Dates**

- 2016: Nov 1 (Spring Processing Priority Date)
- July 7 (Summer Processing Priority Date)
- Apr 1 (Fall Processing Priority Date)
- 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

CTE/CC classes and registration is ongoing. To register for classes, go to LoneStar.edu/CE. For more information on registration, see pages 6–7.
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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, 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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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 LCS 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.
GENERAL INFORMATION

REGISTERING 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.

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 Add to Shopping Cart and then add it to your shopping cart by clicking Add to Shopping Cart. 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 Continue to Pay 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.
**General Information**

**Date Residency Tuition Assistance**

<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></td>
<td></td>
</tr>
</tbody>
</table>

Term: [ ] Fall  [ ] Spring  [ ] Summer

I currently reside:  
[ ] In the state of Texas  
[ ] Not in the state of Texas  
State:________ County:________

[ ] DARS  [ ] TPEG  
[ ] Hazelwood Exempt  [ ] WIA  
[ ] TAA

**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>Previous Last Name:</th>
<th>Date of Birth:</th>
<th>Phone No.</th>
<th>Home:</th>
<th>Cell:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Address:  
City:________ State:________ Zip:________

Mailing Address (if different):  
City:________ State:________ Zip:________

Email Address:

**Demographic Questionnaire**

**Gender:**  
[ ] M  [ ] F

The following questions are used by the state to help provide support for our programs. Although not required, your cooperation is appreciated.

**Race**  
(Check all that apply)

- [ ] American Indian/Alaskan Native
- [ ] Asian
- [ ] Hispanic or Latino
- [ ] Native Hawaiian/Pacific Islander
- [ ] White

**Additional Information**

- [ ] Academically disadvantaged
- [ ] Economically disadvantaged
- [ ] Disabled
- [ ] 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
  Business____________________________________
- [ ] 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.

**Method of Payment**

- [ ] AmEx
- [ ] Discover
- [ ] Master Card
- [ ] Visa

**Charge to My:**

Name on Card: Authorize Signature: Billing Address:

* 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.
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/Advisor 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 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.

Disability Support Services (ADA Compliance)
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. Request for services must be made through the Disability Services Office. For information or assistance, call a Lone Star College campus.

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. For more information, go to LoneStar.edu/parking, call 281.765.7836 or email parking@LoneStar.edu. Vehicle registration for students is valid for one academic year, from the issue date to the end of the academic year (August 31).

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.

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.
<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>
</tr>
</thead>
<tbody>
<tr>
<td>Architecture &amp; Construction</td>
<td></td>
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<td></td>
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<tr>
<td>Engineering Design &amp; Graphics Technology</td>
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<tr>
<td>AutoCAD Draftsman Certificate</td>
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<tr>
<td>AutoCAD, Introduction</td>
<td>DFTGC</td>
<td>2101401</td>
<td>32</td>
<td>$440</td>
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<tr>
<td>AutoCAD, Intermediate</td>
<td>DFTGC</td>
<td>1105000</td>
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<tr>
<td>AutoCAD, Advanced</td>
<td>DFTGC</td>
<td>1200400</td>
<td>32</td>
<td>440</td>
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</tr>
<tr>
<td>Tuition and Fees</td>
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<td></td>
<td>96</td>
<td>$1,320</td>
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<tr>
<td>SolidWorks Designer Certificate</td>
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<td>Solidworks I</td>
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<td>30</td>
<td>$414</td>
<td>CF</td>
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<td>414</td>
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<tr>
<td>Tuition and Fees</td>
<td></td>
<td></td>
<td>60</td>
<td>$828</td>
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<tr>
<td>Standardized Construction &amp; Maintenance</td>
<td></td>
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<td></td>
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</tr>
<tr>
<td>Carpentry NCCER Certificate (Coming Fall 2017)</td>
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<tr>
<td>NCCER Core - Construction Methods/Materials</td>
<td>CNBTC</td>
<td>2101106</td>
<td>73</td>
<td>$982</td>
<td>NH</td>
</tr>
<tr>
<td>Basic Framing</td>
<td>CRPTC</td>
<td>2100103</td>
<td>48</td>
<td>657</td>
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</tr>
<tr>
<td>Introduction to Carpentry</td>
<td>CRPTC</td>
<td>2102901</td>
<td>115</td>
<td>1,528</td>
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<tr>
<td>Tuition and Fees</td>
<td></td>
<td></td>
<td>236</td>
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<tr>
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<th>COURSE#</th>
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Arts, Audio/Visual Technology & Communication

Web

| Web Designer Certificate | ITNWC | 2105901 | 32 | $440 |
| HTML I, Website Development (Introduction) | | | | |
| Photoshop I for Web | GRPHC | 2109201 | 24 | 336 |
| WordPress I | ITSEC | 2109151 | 24 | 336 |
| Photoshop II for Web | GRPHC | 2109200 | 24 | 336 |
| Tuition and Fees | | | 104 | $1,448 |

Web Developer Certificate

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

Business Management & Administration

Lean Six Sigma Black Belt Certificate

| Lean Six Sigma Black Belt | BMGTC | 1109150 | 62 | $3,324 |
| Tuition and Fees | | | 62 | $3,324 |

Lean Six Sigma Green Belt Certificate

| Lean Six Sigma Green Belt | BMGTC | 1109151 | 57 | $1,933 |
| Tuition and Fees | | | 57 | $1,933 |
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### Payroll Assistant Certificate

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### Texas Teacher Certification - Clinical Teaching Track

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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.**

### Energy & Manufacturing

#### Engineering Technology

**Field Service Technician Certificate**

| DC/AC Circuits; Linked to CETT 1409 | CETTC | 2100901 | 96 | $324 | CF | NH | UP |
| Hydraulics and Pneumatics; Linked to HYDR 1345 | HYDRC | 2104504 | 80 | $237 | |
| Print Reading For Machine Trades; Linked to MCHN 1302 | MCHNC | 2100202 | 64 | $225 | |
| Machine Shop Mathematics; Linked to MCHN 1343 | MCHNC | 2104305 | 64 | $225 | |
| Tuition and Fees | | | 304 | $1,011 | |

**Industrial Maintenance Assistant Certificate**

| Industrial Maintenance, Introduction | INMTC | 1100501 | 96 | $1,281 | UP |
| Basic Mechanical Skills for Energy | ENRC | 1103001 | 48 | $657 | |
| Tuition and Fees | | | 144 | $1,938 | |

**Machining**

**Machinist Certificate**

| Machine Shop Mathematics | MCHNC | 1104306 | 64 | $865 | UP |
| Blueprint Reading and Sketching | DFTGC | 1102500 | 48 | $657 | |
| Basic Machine Shop I | MCHNC | 1103801 | 80 | $1,142 | |
| Work Skills for the Workplace | BUSGC | 1101200 | 16 | $232 | |
| Tuition and Fees | | | 208 | $2,896 | |
| Prepares for first NIMS Exam | | | | |

**Machine Tool (CNC) Operator Certificate**

| Machinist Certificate - Plus | MCHNC | 1200300 | 48 | $657 | UP |
| CNC Machine Controls, Fundamentals | MCHNC | 1203100 | 64 | $865 | |
| Operation of CNC Turning Centers | MCHNC | 1203400 | 64 | $865 | |
| Tuition and Fees | | | 384 | $5,283 | |

**Machinist Master Certificate**

| Machine Shop Mathematics | MCHNC | 1104306 | 64 | $865 | UP |
| Blueprint Reading and Sketching | DFTGC | 1102500 | 48 | $657 | |
| Basic Machine Shop I | MCHNC | 1103801 | 80 | $1,142 | |
| Work Skills for the Workplace | BUSGC | 1101200 | 16 | $232 | |
| CNC Machine Controls, Fundamentals | MCHNC | 1200300 | 48 | $657 | |
| Operation of CNC Turning Centers | MCHNC | 1203100 | 64 | $865 | |
| Operation of CNC Machining Centers | MCHNC | 1203400 | 64 | $865 | |
| Tuition and Fees | | | 384 | $5,283 | |

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**Programs of Study**

12 Search & Register for classes online at LoneStar.edu/CE
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<th>CONTACT HOURS</th>
<th>TUITION &amp; FEES</th>
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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, 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.

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<td>Required by: American Certification Agency for Healthcare Professionals</td>
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<td><strong>Emergency Medical Technician (EMT), Basic Certificate</strong></td>
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<td>Nurse Aide Training and Competency Program</td>
<td>Prepares for NHA Exam. Required by: National Center for Competency Testing, National Healthcare Association, American Society for Clinical Pathology</td>
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</tbody>
</table>

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>
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<tr>
<td>Personal Trainer Certificate</td>
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<tr>
<td>Personal Training</td>
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<td>Exercise Science</td>
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| Phlebotomist Certificate          | PLABC    | 2102301 | 96            | $816          |
| Phlebotomy                         |          |         |               |               |
| Phlebotomy, Clinical               | PLABC    | 2106001 | 100           | $608          |
| Tuition and Fees                   |          |         | 196           | $1,424        |
| Insurance Liability Fee (Fa/Sp/Su) |          |         |               | +$12/8/0      |
| Prepares for NHA Exam | Required by: National Center for Competency Testing, National Healthcare Association, American Society for Clinical Pathology |

### Hospitality

| Floral Designer Certificate          | FMKTC    | 2109111 | 8              | $122          |
| Principles of Floral Design          |          |         |                |               |
| Care and Handling of Cut Flowers & Foliage |        |         | 8              | $147          |
| Basic Design Techniques               | FMKTC    | 2109113 | 20             | $324          |
| Wedding Design Techniques             | FMKTC    | 2109115 | 20             | $344          |
| Funeral Design Techniques             | FMKTC    | 2109116 | 20             | $344          |
| Daily Business Procedures             | FMKTC    | 2109120 | 12             | $151          |
| Tuition and Fees                      |          |         | 88             | $1,432        |

### Information Technology

| Cisco Network Administrator (CCNA) Certificate | ITCCC    | 2107502 | 80             | $240          |
| Introduction to Networks; Linked to ITCC 1375 |          |         |                |               |
| Routing & Switching Essentials; Linked to ITCC 1376 | ITCCC    | 2107602 | 80             | $240          |
| Scaling Networks; Linked to ITCC 2378 | ITCCC    | 2207802 | 80             | $240          |
| Connecting Networks; Linked to ITCC 2379 | ITCCC    | 1207902 | 80             | $240          |
| Tuition and Fees                       |          |         | 320            | $960          |
| Prepares for CISCO Certification Exam.   |          |         |                |               |

### Law, Public Safety, Corrections, & Security

| TCOLE Law Enforcement Officer Certificate | CJLEC    | 21000602 | 175            | $733          |
| Peace Officer I                          |          |         |                |               |
| Peace Officer II                         | CJLEC    | 2101202 | 175            | $733          |
| Peace Officer III                        | CJLEC    | 2101802 | 175            | $733          |
| Peace Officer IV                         | CJLEC    | 2102402 | 175            | $733          |
| Tuition and Fees                         |          |         | 700            | $2,932        |

### Transportation & Logistics

| Automotive Technician Certificate         | AUMTC    | 2100501 | 112            | $326          |
| Automotive Technology, Introduction; Linked to AUMT T405 |          |         |                |               |
| Automotive Electrical Systems; Linked to AUMT T407 | AUMTC    | 2100701 | 112            | $326          |
| Automotive Brake Systems; Linked to AUMT T410 | AUMTC    | 2101001 | 112            | $326          |
| Tuition and Fees                         |          |         | 336            | $978          |
### General Automotive Service Technician Certificate

Automotive Technician Certificate - Plus
- Steering & Suspension Systems; Linked to AUMT 1416
  - C: AUMTC 2101601
  - Contact: 112
  - Tuition & Fees: $326
- Automotive Services; Linked to AUMT 2328
  - C: AUMTC 2202800
  - Contact: 96
  - Tuition & Fees: $250

**Tuition and Fees:**
- 544
- $1,554

### CDL Professional Truck Driver Certificate

Commercial Drivers License Written Skills
- CVOPC 2100500
  - Contact: 64
  - Tuition & Fees: $929

Professional Truck Driver I
- CVOPC 2101300
  - Contact: 80
  - Tuition & Fees: $1,153

Professional Truck Driver II
- CVOPC 2104001
  - Contact: 80
  - Tuition & Fees: $1,153

Commercial Drivers License Exam Preparation
- CVOPC 2101500
  - Contact: 16
  - Tuition & Fees: $248

**Tuition and Fees:**
- 240
- $3,483

### Industry Certification & Exam Prep

#### A+ Certification
- A+ Certification Training
  - ITSCC 2102520
  - Contact: 96
  - Tuition & Fees: $1,281

**Total**
- 96
- $1,281

Prepares for CompTIA A+ Certification Examinations 220-801 & 220-802

#### Electrician - Journeyman: Exam Review
- Journeyman Electrician Exam Review
  - ELPTC 2200102
  - Contact: 32
  - Tuition & Fees: $440

**Total**
- 32
- $440

#### Electrician - Master: Exam Review
- Master Electrician Exam Review I
  - ELPTC 2104001
  - Contact: 48
  - Tuition & Fees: $657

- Master Electrician Exam Review II
  - ELPTC 2205203
  - Contact: 48
  - Tuition & Fees: $657

**Tuition and Fees**
- 96
- $1,314

#### Oracle DBA Certification (Coming Fall 2017)
- Oracle Database 11g: Introduction to SQL
  - ITSEC 1109102
  - Contact: 40
  - Tuition & Fees: $1,544

- Oracle Database 11g: Admin Workshop I
  - ITSEC 1109103
  - Contact: 40
  - Tuition & Fees: 1,544

- Oracle Database 11g: Admin Workshop II
  - ITSEC 1109104
  - Contact: 40
  - Tuition & Fees: 1,544

**Tuition and Fees**
- 120
- $4,632

Prepares for the Oracle DBA Exam

#### (AWS) Welding Inspector Exam Prep
- Welding Inspector Part I
  - NDTEC 1201102
  - Contact: 48
  - Tuition & Fees: $657

- Welding Inspector Part II
  - NDTEC 1201103
  - Contact: 48
  - Tuition & Fees: $657

**Tuition and Fees**
- 96
- $1,314

Prepares for AWS Welding Inspector Exam

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Overview

Specialized certification and training for the commercial construction industry may be a great fit for those who already have residential construction experience or those entering the workforce with AutoCAD knowledge. Plus, Lone Star College’s certification programs can help you stand out to current or potential employers because you will be trained to the highest industry standards.

For more information, including course listings for each program, visit LoneStar.edu/CTE-Architecture or email LSCCE@LoneStar.edu.

Linked with a credit course. See page 5 for requirements.
* Programs Coming Fall 2017

Programs

<table>
<thead>
<tr>
<th>Program</th>
<th>Hours, Cost</th>
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<tbody>
<tr>
<td><strong>AutoCAD Draftsman</strong></td>
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<tr>
<td>AutoCAD, Introduction</td>
<td>32 hours, $440</td>
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<tr>
<td>AutoCAD, Intermediate</td>
<td>32 hours, $440</td>
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<tr>
<td>AutoCAD, Advanced</td>
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<tr>
<td><strong>SolidWorks Designer</strong></td>
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<td>Solidworks I</td>
<td>30 hours, $414</td>
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<tr>
<td>Solidworks II</td>
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<td><strong>HVAC Occupational Entry Certificate</strong></td>
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<tr>
<td>Basic Electricity for HVAC</td>
<td>96 hours, $336</td>
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<tr>
<td>Refrigeration Principles</td>
<td>96 hours, $336</td>
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<tr>
<td>Gas &amp; Electric Heating</td>
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<td>Residential Air Conditioning</td>
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<tr>
<td><strong>Carpentry NCCER Certificate</strong></td>
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<tr>
<td>NCCER Core - Construction Methods/Materials</td>
<td>73 hours, $982</td>
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<tr>
<td>Basic Framing</td>
<td>48 hours, $657</td>
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<tr>
<td>Introduction to Carpentry</td>
<td>115 hours, $1,528</td>
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<td><strong>Concrete Finishing NCCER Certificate</strong></td>
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<tr>
<td>NCCER Core - Construction Methods/Materials</td>
<td>73 hours, $982</td>
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<tr>
<td>Concrete Finishing I</td>
<td>128 hours, $1,697</td>
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<td><strong>Electrical NCCER Certificate</strong></td>
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<tr>
<td>NCCER Core - Construction Methods/Materials</td>
<td>73 hours, $982</td>
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<tr>
<td>Basic Electrical Wiring</td>
<td>113 hours, $1,502</td>
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</table>

*Linked with a credit course. See page 5 for requirements.
ARCHITECTURE & CONSTRUCTION

Programs (continued)

*Heavy Equipment NCCER Certificate 166 hours, $2,224
  NCCER Core - Construction Methods/Materials 73 hours, $982
  Heavy Equipment Operator Level I 93 hours, $1,242

HVAC NCCER Certificate 193 hours, $2,575
  NCCER Core - Construction Methods/Materials 73 hours, $982
  Refrigeration Principals 120 hours, $1,593

*Ironworking NCCER Certificate 236 hours, $3,167
  NCCER Core - Construction Methods/Materials 73 hours, $982
  Construction Methods, Material/App II 110 hours, $1,463
  Fundamentals of Oxy-Fuel Cutting 53 hours, $722

*Masonry NCCER Certificate 196 hours, $2,614
  NCCER Core - Construction Methods/Materials 73 hours, $982
  Introduction to Masonry I 123 hours, $1,632

Pipefitting NCCER Certificate 153 hours, $2,055
  NCCER Core - Construction Methods/Materials 73 hours, $982
  Basic Pipefitting 80 hours, $1,073

*Plumbing Basics NCCER Certificate 218 hours, $2,933
  NCCER Core - Construction Methods/Materials 73 hours, $982
  Introduction to Plumbing 97 hours, $1,294
  Blueprint Reading for Plumbers 48 hours, $657

*Scaffolding NCCER Certificate 151 hours, $2,029
  NCCER Core - Construction Methods/Materials 73 hours, $982
  Introduction to Construction Scaffolding 78 hours, $1,047

*Sheet Metal NCCER Certificate 176 hours, $2,354
  NCCER Core - Construction Methods/Materials 73 hours, $982
  Sheet Metal I NCCER 103 hours, $1,372

Welding NCCER Certificate 358 hours, $4,786
  NCCER Core - Construction Methods/Materials 73 hours, $982
  Fundamentals of Oxy-Fuel Cutting 40 hours, $553
  Introduction (SMAW) NCCER 130 hours, $1,723
  Intermediate (SMAW) NCCER 115 hours, $1,528

3D Modeling
  ARTVC  2104502  48 Contact Hours  $657
  Techniques of three-dimensional (3-D) modeling utilizing industry standard software. Includes the creation and modification of 3-D geometric shapes, use of a variety of rendering techniques, camera, light sources, texture, and surface mapping. This class is designed to show the similarities and differences between 3D programs. At the outcome, students should be able to efficiently use various types of 3D programs. Topic covered in this class will be parametric sketching, constraining, part / assembly modeling, and drafting. Programs of use are AutoCAD 3D, Autodesk Inventor and Solidworks.

LSC-Kingwood
  4908 ARTVC  2104502  2001 F  2/3/21  6:30 pm-8:30 pm  CLA 106

AutoCAD, Introduction
  DFTGC  2104101  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-Conroe Center
  5235 DFTGC  2104101  0001 MW  1/23/15  6:00 pm-10:00 pm  CC 215

LSC-CyFair
  4031 DFTGC  2104101  5001 MTh  1/21/25  6:00 pm-10:00 pm  CASA 219
Instruction Type: Online
  4037 DFTGC  2104101  5002 MTh  1/23/15  6:00 pm-10:00 pm  CASA 219
  Department consent required. Contact the CTE office at a LSC campus to register.
  4044 DFTGC  2104101  5003 TTh  1/24/16  6:00 pm-10:00 pm  CASA 219
  Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Kingwood
  4405 DFTGC  2104101  2002 TTh  1/31/17  6:30 pm-9:30 pm  CLA 106
  Class dismisses one hour early during one session.
  4593 DFTGC  2104101  2001 M  2/7/17
  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 LSCCTEC@LoneStar.edu or fax it to 281.312.1612. Call 281.312.1660 for more information. Instruction Type: Online

LSC-Montgomery
  5232 DFTGC  2104101  4001 MW  1/9/16  6:00 pm-10:00 pm  AMCE E203
  Closed 1/16/17.
  1280 DFTGC  2104101  4002 MW  5/15/16  6:00 pm-10:00 pm  AMCE E203
  Class Topic: AutoCAD, IntroductionDepartment consent required. Contact the CTE office at a LSC campus to register. No class 1/16.

LSC-North Harris
  6136 DFTGC  2104101  1001 MW  1/16/16  6:00 pm-10:00 pm  DTEC 103
  1127 DFTGC  2104101  1002 MW  5/15/16  6:00 pm-10:00 pm  DTEC 103

LSC-University Park
  4239 DFTGC  2104101  6001 Th  1/17/16  6:00 pm-9:15 pm  UPEDM 113
  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-Conroe Center
5236 DFTGC 1105000 CO01 MW 2/27/3/29 6:00 pm-10:00 pm CC 215

LSC-CyFair
4039 DFTGC 1105000 5002 MW 2/20/3/22 6:00 pm-10:00 pm CASA 219
Department consent required. Contact the CTE office at a LSC campus to register.
4045 DFTGC 1105000 5003 Thh 2/20/3/23 6:00 pm-10:00 pm CASA 219
Department consent required. Contact the CTE office at a LSC campus to register.
4033 DFTGC 1105000 5001 MSu 3/4/4/8
Department consent required. Contact the CTE office at a LSC campus to register.

Instruction Type: Online

LSC-Kingwood
4902 DFTGC 1105000 2003 M 1/9/4/3 6:30 pm-9:30 pm CLA 106
Class dismisses one hour early during one session.
4602 DFTGC 1105000 2002 Thh 3/21/4/25 6:30 pm-9:30 pm CLA 106
Class dismisses one hour early during one session.
4599 DFTGC 1105000 2001 M 4/10/5/12
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-Montgomery
5233 DFTGC 1105000 4001 MW 2/13/3/8 6:00 pm-10:00 pm MCE E203
1263 DFTGC 1105000 4001 MW 6/26/7/19 6:00 pm-10:00 pm MCE E203
Class Topic: AutoCAD,IntermediateDepartment consent required. Contact the CTE office at a LSC campus to register.

LSC-North Harris
6142 DFTGC 1200400 1001 MW 3/27/4/19 6:00 pm-10:00 pm DTEC 103
1129 DFTGC 1200400 1001 MW 7/17/8/9 6:00 pm-10:00 pm DTEC 103

LSC-University Park
4244 DFTGC 1200400 6001 Thh 4/4/5/4 6:00 pm-9:15 pm UPEM 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-Conroe Center
5237 DFTGC 1200400 CO01 MW 4/10/5/3 6:00 pm-10:00 pm CC 215

LSC-CyFair
4041 DFTGC 1200400 5002 MW 3/27/4/19 6:00 pm-10:00 pm CASA 219
Department consent required. Contact the CTE office at a LSC campus to register.
4047 DFTGC 1200400 5003 Thh 3/28/4/20 6:00 pm-10:00 pm CASA 219
Department consent required. Contact the CTE office at a LSC campus to register.
4036 DFTGC 1200400 5001 MSu 4/17/5/20
Department consent required. Contact the CTE office at a LSC campus to register.
Instruction Type: Online

LSC-Kingwood
4896 DFTGC 1200400 2002 M 4/10/4/26 6:30 pm-9:30 pm CLA 106
Class dismisses one hour early during one session.

Basic Pipefitting Skills NCCER
PPFBC 2100801 80 Contact Hours $1073
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
3507 PPFBC 2100801 1015 M-Th 1/25/2/13 7:30 am-3:30 pm APTC 140
Class Topic: For NCCER Pipefitting
3509 PPFBC 2100801 1016 M-Th 3/13/3/27 7:30 am-3:30 pm APTC 140
Class Topic: For NCCER Pipefitting. No class on 3.13.16-3.16.16.
3511 PPFBC 2100801 1017 M-Th 4/12/5/1 7:30 am-3:30 pm APTC 140
Class Topic: For NCCER Pipefitting
1011 PPFBC 2100801 1018 M-Th 5/17/6/6 7:30 am-3:30 pm APTC 140
Class Topic: For NCCER Pipefitting. No class on 5.29.16.
1013 PPFBC 2100801 1019 M-Th 6/26/7/17 7:30 am-3:30 pm APTC 140
Class Topic: For NCCER Pipefitting. No class 07.03.17 and 07.04.17.
1015 PPFBC 2100801 1020 M-Th 8/36/21 7:30 am-3:30 pm APTC 140
Class Topic: For NCCER Pipefitting

Construction Methods & Materials I NCCER
CNBTC 2101106 73 Contact Hours $982
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
3506 CNBTC 2101106 1015 M-Th 9/1/4/24 7:30 am-3:30 pm APTC 107
No class on 01.16/17.
3513 CNBTC 2101106 1021 M-Th 1/23/2/7 7:30 am-3:30 pm APTC 135
Class Topic: For NCCER Welding
3508 CNBTC 2101106 1016 M-Th 2/14/2/28 7:30 am-3:30 pm APTC 107
Class Topic: For NCCER Pipefitting
1012 CNBTC 2101106 1019 M-Th 6/17/6/22 7:30 am-3:30 pm APTC 115
Class Topic: For NCCER Pipefitting
1014 CNBTC 2101106 1020 M-Th 7/18/8/2 7:30 am-3:30 pm APTC 115
Class Topic: For NCCER Pipefitting

Electricity for HVAC, Basic
HARTC 2100102 96 Contact Hours $336
Principles of electricity as required for HVAC, including proper use of test equipment, electrical circuits, and component theory and
operation. This course is linked to HART 1401. Participants must have high school diploma, successful completion of the GED or be in the early admissions program.

**LSC-Victory Center**

14307 HARTC 2100102 V001 M/W 1/17/12 8:00 am-9:40 am
Students required to supply their own hand tools for labs. Tool list supplied by instructor. Department consent required. Contact the CTE office at a LSC campus to register. Instruction Type: Hybrid, Internet

14312 HARTC 2100102 V003 M/W 1/17/12 5:00 pm-6:40 pm
Students required to supply their own hand tools for labs. Tool list supplied by instructor. Department consent required. Contact the CTE office at a LSC campus to register. Instruction Type: Hybrid, Internet

**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-North Harris**

14430 CNSEC 1100304 1001 Sa 2/4 8:00 am-6:00 pm
1 hour lunch included.

14431 CNSEC 1100304 1002 Sa 3/4 8:00 am-6:00 pm
1 hour lunch included.

14433 CNSEC 1100304 1003 So 4/1 8:00 am-6:00 pm
1 hour lunch included.

14435 CNSEC 1100304 1004 So 5/6 8:00 am-6:00 pm
1 hour lunch included.

1288 CNSEC 1100304 1005 Sa 6/3 8:00 am-6:00 pm
1 hour lunch included.

**LSC-University Park**

5442 CNSEC 1100304 6001 F 1/20 7:00 am-5:00 pm UP-ENI 110
1 hour lunch included.

5444 CNSEC 1100304 6002 F 2/17 7:00 am-5:00 pm UP-ENI 110
1 hour lunch included.

5445 CNSEC 1100304 6003 F 3/24 7:00 am-5:00 pm UP-ENI 110
1 hour lunch included.

5452 CNSEC 1100304 6004 F 4/21 7:00 am-5:00 pm UP-ENI 110
1 hour lunch included.

**Fundamentals of Oxy-Fuel Welding/Cutting NCCER**

WLDGC 2104001 40 Contact Hours $553
Oxy-fuel welding and cutting equipment. 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**

3514 WLDGC 2104001 1021 M-Th 2/8/16 7:30 am-3:30 pm APTC 135
Class Topic: For NCCER Welding

1016 WLDGC 2104001 1022 M-Th 5/24/15 7:30 am-3:30 pm APTC 135
Class Topic: For NCCER Welding

**Gas and Electric Heating**

HARTC 2104503 96 Contact Hours $336
Study of the procedures and principles used in servicing heating systems including gas fired furnaces and electric heating systems. This course is linked to HART 1445.

**LSC-Victory Center**

14372 HARTC 2104503 V001 M-Th 3/20/14 8:00 am-9:40 am
Students required to supply their own hand tools for labs. Tool list supplied by instructor. Department consent required. Contact the CTE office at a LSC campus to register. Instruction Type: Hybrid, Internet

14378 HARTC 2104503 V003 M-Th 3/20/14 5:00 pm-6:40 pm
Students required to supply their own hand tools for labs. Tool list supplied by instructor. Department consent required. Contact the CTE office at a LSC campus to register. Instruction Type: Hybrid, Internet

**Refrigeration Principles**

HARTC 2100701 96 Contact Hours $336
An introduction to the refrigeration cycle, basic thermodynamics, heat transfer, temperature/pressure relationship, safety, refrigerant containment, and refrigeration components. Must have high school diploma, successful completion of GED or be in the early admissions program. This course is linked to HART 1407.

**LSC-Victory Center**

14322 HARTC 2100701 V001 M-Th 1/17/12 8:00 am-9:40 am
Students required to supply their own hand tools for labs. Tool list supplied by instructor. Department consent required. Contact the CTE office at a LSC campus to register. Instruction Type: Hybrid, Internet

14324 HARTC 2100701 V002 M-Th 1/17/12 10:00 am-11:40 am
Students required to supply their own hand tools for labs. Tool list supplied by instructor. Department consent required. Contact the CTE office at a LSC campus to register. Instruction Type: Hybrid, Internet

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**Introduction(SMAW) NCCER**

WLDGC 2102805 130 Contact Hours $1723
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.

**LSC-North Harris**

1004 WLDGC 2102805 1001 M 1/9/2 7:30 am-3:30 pm APTC 135
Class Topic: For NCCER Welding

3515 WLDGC 2102805 1021 M-Th 2/20/17 7:30 am-3:30 pm APTC 135

1017 WLDGC 2102805 1022 M-Th 6/6/17 7:30 am-3:30 pm APTC 135
Class Topic: For NCCER Welding. No class 7/04.17-7/05.17.

**Project Scheduling using MS Project**

CNBTC 2105901 48 Contact Hours $657
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 2010.

**LSC-Kingwood**

4574 CNBTC 2105901 2001 Su 1/15/4 7:30 am-3:30 pm APTC 135

4575 CNBTC 2105901 2002 W 2/2/15/10 APTC 135

4576 CNBTC 2105901 2003 W 3/15/31 APTC 135

4577 CNBTC 2105901 2004 Su 4/15/8 APTC 135

Classes start on the 15th each month and are 12 weeks in duration. Students must have access to the Internet, an email account, and coursework. Scan and e-mail the completed registration form to LSCKCE@LoneStar.edu or fax it to 281.312.1540. Call 281.312.1612 for more information. Instruction Type: Online.
Your career in construction awaits!

Learn the basics of commercial construction. Courses are designed to be completed in as little as 8 weeks and involve extensive hands-on training, taught by experts in this field.

Free classes if you qualify!

For more information, call 281-618-5602 or email LSCNHCE@LoneStar.edu

Instructor. Department consent required. Contact the CTE office at a LSC campus to register. Instruction Type: Hybrid, Internet

Residential Air Conditioning

HARTC 210401 96 Contact Hours $336
A study of components, applications, and installation of mechanical air conditioning systems including operating conditions, troubleshooting, repair, and charging of air conditioning systems with gas and electric heat systems of split and package units. Must have high school diploma, successful completion of GED or be in the early admissions program. This course is linked to HART 1441.
Prerequisites: Electricity Principles, Refrigeration Principles.

LSC-Victory Center

14345 HARTC 2104101 V001 MWF 8:00 am-9:30 am
Students required to supply their own hand tools for labs. Tool list supplied by instructor. Department consent required. Contact the CTE office at a LSC campus to register. Instruction Type: Hybrid, Internet

LSC-Kingwood

14330 HARTC 210401 V003 MW 1/17/12 5:00 pm-6:40 pm
Students required to supply their own hand tools for labs. Tool list supplied by instructor. Department consent required. Contact the CTE office at a LSC campus to register. Instruction Type: Hybrid, Internet

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

4050 DFTGC 2109120 5001 MW 3/20/12 6:00 pm-10:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Kingwood

4609 DFTGC 2109120 2001 M 1/9/12 6:30 pm-9:30 pm

LSC-North Harris

6143 DFTGC 2109120 1001 TTh 2/21/12 6:00 pm-10:00 pm

LSC-University Park

8882 DFTGC 2109120 6001 TTh 1/17/12 6:00 pm-10:00 pm

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

4052 DFTGC 1109101 5001 MW 4/17/12 6:00 pm-10:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Kingwood

4612 DFTGC 1109101 2001 M 4/3/12 6:30 pm-9:30 pm

LSC-North Harris

8939 DFTGC 1109101 1001 TTh 4/4/12 6:00 pm-9:00 pm

LSC-University Park

4257 DFTGC 1109101 6001 TTh 2/27/12 6:00 pm-10:00 pm

PARALEGAL STUDIES AAS DEGREE

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For more information, call 281-618-5602 or email LSCNHCE@LoneStar.edu

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## Arts, Audio/Visual Technology & Communication

### Overview

The opportunities in the visual communication industry are great! In today’s highly competitive job market, you need the skills and confidence that will help you stand out among the rest. Our workforce certificates in Web Designer and Web Developer provide you with the knowledge and technical skills needed to start or advance your career. Learn HTML5, CSS3, WordPress, and more by registering today.

For more information, go to LoneStar.edu/cte-arts or email LSCCE@LoneStar.edu.

### Programs

**Web Designer**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Cost</th>
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<tbody>
<tr>
<td>HTML I, Website Development (Introduction)</td>
<td>32</td>
<td>$440</td>
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<td>24</td>
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<tr>
<td>WordPress II</td>
<td>32</td>
<td>$440</td>
</tr>
<tr>
<td>Designing Effective Websites</td>
<td>16</td>
<td>$232</td>
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<tr>
<td>SEO: Analytics and Tracking</td>
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104 hours, $1,448

**Web Developer**

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168 hours, $2,352

Linked with a credit course. See page 5 for requirements.
3D Modeling
ARTVC 2104502  48 Contact Hours  $657
Techniques of three-dimensional (3-D) modeling utilizing industry standard software. Includes the creation and modification of 3-D geometric shapes, use of a variety of rendering techniques, camera, light sources, texture, and surface mapping. This class is designed to show the similarities and differences between 3D programs. At the outcome, students should be able to efficiently use various types of 3D programs. Topic covered in this class will be parametric sketching, constraining, part / assembly modeling, and drafting. Programs of use are AutoCAD 3D, Autodesk Inventor and Solidworks.

LSC-Kingwood
4908  ARTVC 2104502  2001  F  2/3/31  6:30 pm-8:30 pm  CLA 106

Computer Systems, Introduction
ITSCC 2100628  24 Contact Hours  $336
Introduction to operating systems, file creation/deletion, data entry and manipulation, automatic file execution, configuration, and directory commands. Also addressed are computer systems and their uses in today’s business communities. Instruction in computer terminology, hardware, and application software. The Internet and issues surrounding its use will also be addressed.

LSC-Tomball
4288  ITSCC 2100628  3001  M-Th  1/18-1/26  8:00 am-12:00 pm  E 160
4290  ITSCC 2100628  3002  MW  3/27-4/12  6:00 pm-10:00 pm  E 160

Computer Illustration
ARTCC 2105301  80 Contact Hours  $252
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 ARTC 1353. Prerequisite: College Level Readiness in Reading AND Writing.

LSC-Kingwood
7391  ARTCC 2105301  2001  M/W  1/17-5/14  9:30 am-11:50 am  ADM 202

Design Communications I
ARTCC 2101701  96 Contact Hours  $252
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 0307 or 0326 or 0356, or higher level course (ENGL 1301), or placement by testing.

LSC-Kingwood
7412  ARTCC 2101701  2003  T  1/17-5/14  9:30 am-11:50 am  ADM 202

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
5703  ARTCC 2100000  4001  W  4/26-5/3  6:00 pm-10:00 pm  UC 307

Digital Imaging I
ARTCC 2100202  80 Contact Hours  $252
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-Kingwood
11936  ARTCC 2100202  2001  T-Th  1/17-5/14  1:30 pm-3:50 pm  ADM 204A
Understanding Pixel based artwork utilizing Adobe Photoshop for usage in photo manipulation and image creation.
12018  ARTCC 2100202  2803  1/17-5/14  Textbook and access to software is required. Understanding Pixel based artwork utilizing Adobe Photoshop for usage in photo manipulation and image creation. Instruction Type: Online

LSC-North Harris
13821  ARTCC 2100202  1001  MW  1/17-5/14  8:30 am-9:20 am  DTEC 111
All exams/assignments will be completed online Instruction Type: Hybrid, Co

Digital Publishing I
ARTCC 2101301  80 Contact Hours  $252
The fundamentals of using digital layout as a primary publishing tool and the basic concepts and terminology associated with typography and page layout. This course is linked to ARTC 1313. Prerequisite: ENGL 0305 or ENGL 0316 and ENGL 0307 OR 0326 OR higher level course (ENGL 1301) or placement by testing.

LSC-Kingwood
12024  ARTCC 2101301  2001  T  1/17-5/14  9:30 am-11:50 am  ADM 204A
Learn the processes and art of creating print and digital publications using Adobe InDesign, Photoshop and Illustrator.

LSC-Montgomery
5704  INWC 2105901  4001  W  1/17-5/14  6:00 pm-10:00 pm  UC 307

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-Creekside Center
5623  ITNWC 2105901  K001  W  1/25-3/8  6:00 pm-10:00 pm
LSC-Montgomery
5704  INWC 2105901  4001  T  2/7-2/28  6:00 pm-10:00 pm  UC 307
HTML II, Website Development (Advanced)
ITNW 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.

LSC-Montgomery
5701 ITNW 2203600 4001 W 1/18/3/8 6:00 pm-9:00 pm UC 307
Instruction Type: Hybrid, Co

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
4934 ITSWC 2100302 2001 Su 1/152/19
4935 ITSWC 2100302 2002 W 2/153/19
4936 ITSWC 2100302 2003 W 3/154/19
4937 ITSWC 2100302 2004 Su 4/155/19
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 I for Web
GRPHC 2109201 24 Contact Hours $336
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. Participants must have high school diploma or successful completion of the GED.

LSC-Creekside Center
5627 GRPHC 2109200 K001 Th 3/9/4/20 6:00 pm-10:00 pm
LSC-Montgomery
5700 GRPHC 2109200 4001 W 1/11/2/1 6:00 pm-9:00 pm UC 307
5762 GRPHC 2109200 4002 T 4/11/4/25 6:00 pm-9:00 pm UC 307

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
4624 GRPHC 2109104 2001 Su 1/152/19
4625 GRPHC 2109104 2002 W 2/153/19
4626 GRPHC 2109104 2003 W 3/154/19
4627 GRPHC 2109104 2004 Su 4/155/19
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 completed registration form to 281.312.1612. Call 281.312.1660 for more information. Instruction Type: Online.

LSC-Creekside Center
2109100 16 Contact Hours $232
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-Montgomery
5700 GRPHC 2109200 4001 W 1/11/2/1 6:00 pm-9:00 pm UC 307
5762 GRPHC 2109200 4002 T 4/11/4/25 6:00 pm-9:00 pm UC 307

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
4702 ITSWC 2103702 2001 Su 1/152/19
4703 ITSWC 2103702 2002 W 2/153/19
4704 ITSWC 2103702 2003 W 3/154/19
4705 ITSWC 2103702 2004 Sa 4/155/19
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.

LSC-Tomball
4300 ITSWC 2103702 3001 TTh 2/21/3/2 6:00 pm-10:00 pm £ 160

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 graphics, charts, hyperlinks, objects, and timings. Prerequisite: PowerPoint I or equivalent knowledge.

LSC-Kingwood
4763 ITSWC 2104102 2001 Su 1/152/19
4764 ITSWC 2104102 2002 W 2/153/19
4765 ITSWC 2104102 2003 W 3/154/19
4766 ITSWC 2104102 2004 Sa 4/155/19
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.
SEO: Analytics and Tracking
ITNW 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, knowledges, 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
1097 ITNW 2109100 4001 W 5/17-5/24 6:00 pm-10:00 pm UC 307
Web Developer

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
4922 IMEDC 2100201 2004 Sa 4/15/10
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

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-Creekside Center
5628 ITSEC 2109151 4001 W 3/22-4/12 6:00 pm-10:00 pmCLA 106
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
5702 ITSEC 2109150 4001 W 3/22-4/12 6:00 pm-10:00 pm UC 307
Instruction Type: Hybrid, Internet.

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-Kingwood
Kingwood.CareerServices@LoneStar.edu
281-312-1624

LSC-Montgomery
TRAC@LoneStar.edu
936-273-7221

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

LoneStar.edu/Career-Services
**Overview**

Never have there been so many options for business-minded people. Whether you are newly hired or nearly retired, self employed or on a team. We work globally or locally, full time or part time, from home or in company cubicles.

Whether you’re fine-tuning administrative skills, climbing the corporate ladder or on the way to being the boss, at Lone Star College, your business is our business. We believe in careers. Not just jobs.

Programs are available online or in class, weekdays or weekends, daytime or evenings. Find your field or area of interest, choose a course and get to work!

For more information, including course lists for each program, go to LoneStar.edu/CTE-Business.

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**Programs**

- **Accounting Assistant/Bookkeeper Certificate**
  112 hours, $1,600
  See Finance

- **Payroll Assistant Certificate**
  160 hours, $2,272
  See Finance

- **Payroll Professional Certificate**
  66 hours, $741
  See Finance

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

- **Lean Six Sigma Black Belt**
  62 hours, $3,324
  Lean Six Sigma Black Belt

- **Lean Six Sigma Green Belt Certification**
  57 hours, $1,933
  Lean Six Sigma Green Belt Certification

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

*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
1241 ACNTC 2100106 5001 TTh 1/17/2/ 6:00 pm-10:00 pm HSC1 105

LSC-Kingwood
4523 ACNTC 2100106 2001 Su 1/152/26
4536 ACNTC 2100106 2002 2/153/29
4539 ACNTC 2100106 2003 W 3/155/3
4541 ACNTC 2100106 2004 Su 4/156/3
Classes start on the 15th each month and are six weeks in duration. Students must have access to the Internet, an email account, and courseware. Scan and email the completed registration form to LSCCTE@LoneStar.edu or fax it to 281.312.1612. Call 281.312.1660 for more information. Instruction Type: Online, Department consent required. Contact the CTE office at a LSC campus to register.

LSC-North Harris
5224 ACNTC 2100106 4001 TTh 1/101/26 MCE E203
1276 ACNTC 2100106 4001 TTh 5/166/15 MCE E203
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Tomball
4318 ACNTC 2100106 3001 MW 1/232/8 9:00 am-1:00 pm E 182
4319 ACNTC 2100106 3002 MW 1/232/8 6:00 pm-10:00 pm E 182

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-CyFair
1242 ACNTC 2104201 5001 TTh 2/7/23 6:00 pm-10:00 pm HSC1 105

LSC-Kingwood
4552 ACNTC 2104201 2001 Su 1/152/26
4553 ACNTC 2104201 2002 W 2/153/29
4554 ACNTC 2104201 2003 W 3/155/3
4555 ACNTC 2104201 2004 Su 4/156/3
Classes start on the 15th each month and are six weeks in duration. Students must have access to the Internet, an email account, and courseware. Scan and email the completed registration form to LSCCTE@LoneStar.edu or fax it to 281.312.1612. Call 281.312.1660 for more information. Instruction Type: Online, Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Montgomery
5225 ACNTC 2104201 4001 TTh 1/312/16 6:00 pm-10:00 pm MCE E203
1277 ACNTC 2104201 4001 TTh 6/207/18 6:00 pm-10:00 pm MCE E203
Class Topic: Accounting, Office I; Department consent required. Contact the CTE office at a LSC campus to register.

LSC-North Harris
6112 ACNTC 2104201 1001 TTh 2/213/23 6:00 pm-10:00 pm DTEC 102
1120 ACNTC 2104201 1001 TTh 6/66/22 6:00 pm-10:00 pm DTEC 102

LSC-Tomball
4469 ACNTC 2104201 3001 MW 2/133/1 9:00 am-1:00 pm E 182
4470 ACNTC 2104201 3002 MW 2/133/1 6:00 pm-9:00 pm E 182

Administrative Office Procedures I
POFTC 2100904 80 Contact Hours $249
Study of current office procedures, duties, and responsibilities applicable to an office environment. This course is linked to POFT 1309. Prerequisites/Corequisite: Keyboarding proficiency recommended. Participants must have high school diploma, successful completion of the GED or be in the early admissions program.

LSC-North Harris
15020 POFTC 2100904 1001 1/17/5/14
Access your online course at www.lonestar.edu/lsc-online. Instruction Type: Online

Administrative Project Solutions
POFTC 2203101 80 Contact Hours $249
Advanced concepts of project management and office procedures integrating software applications, critical thinking, and problem-solving skills. This course is linked to POFT 2331. Prerequisite: A College Level Readiness in Reading AND Writing; ITSC 1301A or ITSW 1301A or COSC 1301.

LSC-North Harris
15065 POFTC 2203101 1001
Access your online class at www.lonestar.edu/lsc-online. Department consent required. Contact the CTE office at a LSC campus to register. Instruction Type: Online

Business English
POFTC 2100110 80 Contact Hours $249
Development of written and oral communication skills required to produce effective communication in a technological business environment. Topics include composition of business letters, memos, and reports. Emphasis on proofreading, grammar, spelling and vocabulary. Participants must have high school diploma, successful completion of the GED or be in the early admissions program. This course is linked to POFT 1301. Prerequisite: Recommended placement of ENGL 0307 or higher, or ENGL 0326 for non-native speakers, from ASSET or COMPASS test results.

LSC-Kingwood
1177 POFTC 2100110 2001 1/17/5/14
Access your online class at www.lonestar.edu/lsc-online. Instruction Type: Online

LSC-North Harris
14999 POFTC 2100110 1001 MW 1/17/5/14 8:00 am-8:50 am DTEC 107
15001 POFTC 2100110 1003 TTh 1/17/5/14 10:30 am-11:20 am DTEC 108
15002 POFTC 2100110 1005 1/17/5/14
Access your online course at www.lonestar.edu/lsc-online. Instruction Type: Online

LSC-North Harris
15005 POFTC 2100110 1007 1/30/5/14
Access your online course at www.lonestar.edu/lsc-online. Instruction Type: Online

Business Math & Machines
POFTC 2102501 80 Contact Hours $210
Skill development in the use of electronic calculators and business math functions. Emphasis on business problem-solving skills using spreadsheet software and/or electronic calculator/keyboard. Must have high school diploma, successful completion of GED or be in the early admissions program. This course linked to POFT 1325. Prerequisites: None.

LSC-North Harris
15022 POFTC 2102501 1001 Sa 1/17/5/14 8:00 am-9:40 am DTEC 107
Course offered days in Fall; nights or Saturdays in Spring.
15024 POFTC 2102501 1003 1/17/5/14
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-Kingwood
4565 BMGTC 1101900 2001 W 3/13/29 7:00 pm-9:00 pm

LSC-Montgomery
5678 BMGTC 1101900 4001 MTh 1/16-2/22
Instruction Type: Online
5681 BMGTC 1101900 4002 MTh 2/27-3/5
Instruction Type: Online
5683 BMGTC 1101900 4003 MTh 4/17-4/23
Instruction Type: Online
1349 BMGTC 1101900 4001 MTh 6/5-6/11
Department consent required. Contact the CTE office at a LSC campus to register.
Instruction Type: Online
1355 BMGTC 1101900 4002 MTh 7/24-7/30
Department consent required. Contact the CTE office at a LSC campus to register.
Instruction Type: Online

LSC-University Park
4279 BMGTC 1101900 6001 MTh 3/20-3/26
Please contact instructor by email before start date of course at Janet.L.Taber@lonestar.edu Instruction Type: Online

Employee Performance Review
BMGTC 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-Kingwood
4566 BMGTC 1101100 2001 W 5/35/24 7:00 pm-9:00 pm

LSC-Montgomery
5691 BMGTC 1101100 4001 MTh 1/30-2/5
Instruction Type: Online
5692 BMGTC 1101100 4002 MTh 3/20-3/26
Instruction Type: Online
5694 BMGTC 1101100 4003 MTh 5/15-5/7
Instruction Type: Online
1351 BMGTC 1101100 4001 MTh 6/19-6/25
Department consent required. Contact the CTE office at a LSC campus to register.
Instruction Type: Online
1357 BMGTC 1101100 4002 MTh 8/18-8/23
Department consent required. Contact the CTE office at a LSC campus to register.
Instruction Type: Online

LSC-University Park
4272 BMGTC 1101100 1 MTh 2/20-2/26
Please contact instructor by email before start date of course at Janet.L.Taber@lonestar.edu Instruction Type: Online
4273 BMGTC 1101100 6002 MTh 4/17-4/23
Please contact instructor by email before start date of course at Janet.L.Taber@lonestar.edu Instruction Type: Online

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
4324 ITSWC 2102224 5001 Th 4/18/27 6:00 pm-10:00 pm

LSC-Kingwood
4678 ITSWC 2102224 2001 Su 1/15-19
4679 ITSWC 2102224 2002 W 2/15-19
4680 ITSWC 2102224 2003 W 3/15-19
4681 ITSWC 2102224 2004 Su 4/15-19

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
4326 ITSWC 2104606 5001 Th 5/25/11 6:00 pm-10:00 pm

LSC-Kingwood
4691 ITSWC 2104606 2001 Su 1/15-19
4692 ITSWC 2104606 2002 W 2/15-19
4693 ITSWC 2104606 2003 W 3/15-19
4694 ITSWC 2104606 2004 Su 4/15-19

Excel III
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
4326 ITSWC 2104606 5001 Th 5/25/11 6:00 pm-10:00 pm

LSC-Kingwood
4691 ITSWC 2104606 2001 Su 1/15-19
4692 ITSWC 2104606 2002 W 2/15-19
4693 ITSWC 2104606 2003 W 3/15-19
4694 ITSWC 2104606 2004 Su 4/15-19

Excel IV
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
4326 ITSWC 2104606 5001 Th 5/25/11 6:00 pm-10:00 pm

LSC-Kingwood
4691 ITSWC 2104606 2001 Su 1/15-19
4692 ITSWC 2104606 2002 W 2/15-19
4693 ITSWC 2104606 2003 W 3/15-19
4694 ITSWC 2104606 2004 Su 4/15-19

Excel V
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
4326 ITSWC 2104606 5001 Th 5/25/11 6:00 pm-10:00 pm

LSC-Kingwood
4691 ITSWC 2104606 2001 Su 1/15-19
4692 ITSWC 2104606 2002 W 2/15-19
4693 ITSWC 2104606 2003 W 3/15-19
4694 ITSWC 2104606 2004 Su 4/15-19

Excel VI
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
4326 ITSWC 2104606 5001 Th 5/25/11 6:00 pm-10:00 pm

LSC-Kingwood
4691 ITSWC 2104606 2001 Su 1/15-19
4692 ITSWC 2104606 2002 W 2/15-19
4693 ITSWC 2104606 2003 W 3/15-19
4694 ITSWC 2104606 2004 Su 4/15-19

Excel VII
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.
Class Topic: Excel IIDepartment consent required. Contact the CTE office at a LSC campus to register.

LSC-North Harris
6133 ITSWC 2104606 1001 TTh 4/114/20 6:00 pm-10:00 pm DTEC 102
1126 ITSWC 2104606 1001 TTh 7/137/25 6:00 pm-10:00 pm DTEC 102

LSC-Tomball
4308 ITSWC 2104606 3001 MTh 2/132/16 8:00 am-12:00 pm E 160
4309 ITSWC 2104606 3002 MW 5/5/10 6:00 pm-10:00 pm E 160

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
5513 BMGTC 1101004 6001 F 2/173/10 8:30 am-12:30 pm UPEMI 144

Keyboarding and Document Formatting
POFTC 2102901 80 Contact Hours $249
Skill development in the operation of the keyboard by touch applying proper keyboarding techniques. Emphasis on development of acceptable speed and accuracy levels and formatting basic documents. Must have high school diploma, successful completion of GED or be in the early admissions program. This course is linked to POFT 1329. Prerequisite: None

LSC-Kingwood
11775 POFTC 2102901 2001
Students can register for both POFT 1329.2001 and ITSW 1301.2001 with advisor assistance. For additional information, please contact Roger.Chambers@lonestar.edu.

LSC-North Harris
15032 POFTC 2102901 1001
Requires Gregg College Keyboarding Kit 1 and Microsoft Word 2016.
15036 POFTC 2102901 1003
Requires Gregg College Keyboarding Kit 1 and Microsoft Word 2016.
15039 POFTC 2102901 1005
Requires Gregg College Keyboarding Kit 1 and Microsoft Word 2016. Instruction Type: Online
15041 POFTC 2102901 1007
Requires Gregg College Keyboarding Kit 1 and Microsoft Word 2016. Instruction Type: Online
15044 POFTC 2102901 1009
Requires Gregg College Keyboarding Kit 1 and Microsoft Word 2016. Instruction Type: Online

Lead Effective Meetings
BMGTC 1109121 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. Learn to bring focus to every agenda, handle disruptions with ease and condense meetings for more productive use of time.

LSC-Kingwood
1186 BMGTC 1109121 2001 TTh 6/7-6/28 7:00 pm-8:20 pm

LSC-Montgomery
5695 BMGTC 1109121 4001 MTh 2/62/12
Instruction Type: Online
5696 BMGTC 1109121 4002 MTh 3/274/2
Instruction Type: Online
5697 BMGTC 1109121 4003 MTh 5/85/14
Instruction Type: Online
1352 BMGTC 1109121 4001 MTh 6/267/2
Department consent required. Contact the CTE office at a LSC campus to register.
Instruction Type: Online
1358 BMGTC 1109121 4002 MTh 8/148/20
Department consent required. Contact the CTE office at a LSC campus to register.
Instruction Type: Online

Lean for Health Care
BMGTC 1109152 48 Contact Hours $753
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. Lean for Healthcare will provide you with the foundational knowledge and skills to facilitate a lean improvement team; explain the purpose of lean, apply the four stages for implementing lean improvement, create a future state value stream map, lead a Kaizen event, Identify and eliminate the main sources of waste in a process, and apply the main components of managing a lean project in healthcare. Employed in the healthcare industry. Keyboarding, arithmetic and algebra skills.

LSC-University Park
5509 BMGTC 1109152 6001 Th 1/313/30 6:30 pm-9:30 pm UPEMI 240

Lean Six Sigma Black Belt Certification
BMGTC 1109150 62 Contact Hours $3324
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
5496 BMGTC 1109150 6001 Th 1/313/20 6:30 pm-9:30 pm UPEMI 210
Instruction Type: Hybrid, Internet
Lean Six Sigma Green Belt Certification
BMGTC 1109151 57 Contact Hours $1918
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
8064 BMGTC 1109151 6001 NW 1/303/29 6:30 pm-9:30 pm UP-EMI 210
Instruction Type: Hybrid, Internet

Legal Issues for Supervisors
BMGTC 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-Kingwood
4571 BMGTC 1109502 2001 W 4/5/26 7:00 pm-9:00 pm
LSC-Montgomery
5685 BMGTC 1109502 4001 M 1/231/29
Instruction Type: Online
5688 BMGTC 1109502 4002 M 3/6/3/12
Instruction Type: Online
5689 BMGTC 1109502 4003 M 4/244/30
Instruction Type: Online
1350 BMGTC 1109502 4001 M 6/124/18
Department consent required. Contact the CTE office at a LSC campus to register.
Instruction Type: Online
1356 BMGTC 1109502 4002 M 7/318/6
Department consent required. Contact the CTE office at a LSC campus to register.
Instruction Type: Online

LSC-University Park
4268 BMGTC 1109502 6001 M 2/132/19
Please contact instructor by email before start date of course at Janet.L.Taber@lonestar.edu Instruction Type: Online
4271 BMGTC 1109502 6002 M 4/104/16
Please contact instructor by email before start date of course at Janet.L.Taber@lonestar.edu Instruction Type: Online

Management, Principles
BMGTC 2102701 48 Contact Hours $237
Concepts, terminology, principles, theories, and issues in the field of management. This course is linked to BMGT 1327.

LSC-Kingwood
7489 BMGTC 2102701 2001 Th 1/175/14 9:30 am-10:50 am LB 207

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-Creekside Center
5615 ACNTC 2101511 K001 NW 4/104/26 9:00 am-1:00 pm
LSC-CyFair
1249 ACNTC 2101511 5001 Th 4/44/20 6:00 pm-10:00 pm
LSC-Montgomery
1026 ACNTC 2101511 4001 M 5/155/28
Instruction Type: Online

LSC-North Harris
6126 ACNTC 2101511 1002 NW 1/232/8 6:00 pm-10:00 pm DTEC 102
1123 ACNTC 2101511 1002 NW 6/267/17 6:00 pm-10:00 pm DTEC 102

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-Creekside Center
5620 ACNTC 2109112 K001 NW 5/15/17 9:00 am-1:00 pm
LSC-CyFair
1250 ACNTC 2109112 5001 Th 4/255/11 6:00 pm-10:00 pm
LSC-Montgomery
1027 ACNTC 2109112 4001 M 5/294/11
Instruction Type: Online

LSC-North Harris
6129 ACNTC 2109112 1002 NW 2/133/17 6:00 pm-9:00 pm DTEC 102
1124 ACNTC 2109112 1002 NW 7/198/7 6:00 pm-10:00 pm DTEC 102

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
4252 ACNTC 2109108 3001 Sa 1/212/18 9:00 am-3:00 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
4251 ACNTC 2109107 3001 Sa 2/25-4/8 9:00 am-3:00 pm
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
5469  BMGXC 5000134  6001  M/W  2/6-2/10  8:00 am-5:00 pm  Instruction Type: Hybrid, Internet
5476  BMGXC 5000134  6002  M/W  4/14-4/21  8:00 am-5:00 pm  Instruction Type: Hybrid, Internet

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-Kingwood
11792  BMGTC 2200301  2002  1/17-5/14  Must have internet access. Access your online class at www.lonestar.edu/lsc-online. Instruction Type: Online

Project Management Fundamentals
BMGTC 1100901  48 Contact Hours  $753
Critical path methods for planning and controlling projects. Includes time/cost tradeoffs, resource utilization, stochastic considerations, task determination, time management, scheduling management, status reports, budget management, customer service, professional attitude, and project supervision. Project Management Fundamentals will provide you with a disciplined approach to managing projects. Gain knowledge and skills in critical path methods for planning and controlling the triple constraint: scope, time, and cost. Includes time/cost tradeoffs, resource utilization, stochastic considerations, task determination, time management, scheduling management using MS Project, status reports, budget management, customer service, professional attitude, and project supervision.

LSC-University Park
5511  BMGTC 1100901  6001  TTh  1/31-3/30  6:30 pm-9:30 pm  UP-EANI 143

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-Creekside Center
4471  ACNTC 2101002  K001  Th  3/7-3/23  9:00 am-1:00 pm
LSC-CyFair
1246  ACNTC 2101002  5001  Th  2/28-3/9  6:00 pm-10:00 pm
LSC-Kingwood
4854  ACNTC 2101002  2002  Su  1/15-2/26
4558  ACNTC 2101002  2001  W  2/1-3/1  6:00 pm-9:30 pm  CLA 106
Class meets from 6:00-10:00pm one session.
4855  ACNTC 2101002  2003  W  2/15-3/29
4856  ACNTC 2101002  2004  W  3/15-5/3
4857  ACNTC 2101002  2005  Sa  4/15-6/3
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.

LSC-Montgomery
5230  ACNTC 2101002  4001  Th  4/11-4/20  6:00 pm-10:00 pm  CLA 106
Class Topic: Hybrid/OnlineStudent 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: Hybrid/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-Creekside Center
4473  ACNTC 2105402  K001  Th  3/28/6  9:00 am-1:00 pm
LSC-CyFair
1248  ACNTC 2105402  5001  Th  3/21-3/30  6:00 pm-10:00 pm
LSC-Kingwood
4865  ACNTC 2105402  2002  Su  1/152/26
4866  ACNTC 2105402  2003  W  2/15-3/29
4867  ACNTC 2105402  2004  W  3/15-5/3
4560  ACNTC 2105402  2001  W  3/22/9  6:30 pm-9:30 pm  CLA 106
Class meets from 6:00-10:00pm one session.
4868  ACNTC 2105402  2005  Sa  4/15-6/3
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.
Lone Star College/Professional Accountancy

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

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 4001 TTh 7/5-7/26 7:00 pm-9:00 pm

LSC-Montgomery

5698 BMGTC 1101907 4001 MTh 2/13-2/19

Instruction Type: Online

5699 BMGTC 1101907 4002 MTh 4/3-4/9

Instruction Type: Online

1096 BMGTC 1101907 4003 MTh 5/15-5/21

Instruction Type: Online

1353 BMGTC 1101907 4002 MTh 7/8-7/27

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

Instruction Type: Online

1383 BMGTC 1101907 4004 MTh 8/21-8/27

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

Instruction Type: Online

LSC-Montgomery

5698 BMGTC 1101907 4001 MTh 2/13-2/19

Instruction Type: Online

5699 BMGTC 1101907 4002 MTh 4/3-4/9

Instruction Type: Online

1096 BMGTC 1101907 4003 MTh 5/15-5/21

Instruction Type: Online

1353 BMGTC 1101907 4002 MTh 7/8-7/27

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

Instruction Type: Online

1383 BMGTC 1101907 4004 MTh 8/21-8/27

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

Instruction Type: Online

LSC-University Park

4263 BMGTC 1101907 6001 MTh 2/6-2/12

Please contact instructor by email before start date of course at Janet.L.Taber@lonestar.edu Instruction Type: Online

4266 BMGTC 1101907 6002 MTh 4/3-4/9

Please contact instructor by email before start date of course at Janet.L.Taber@lonestar.edu Instruction Type: Online

Work Skills for the Workplace

BUSGC 1101200 16 Contact Hours $232

Develop entry-level skills for the workforce. Includes professionalism, interpersonal skills, communication, workplace civility, and employability (resume/interview) skills.

LSC-Conroe Center

14416 BUSGC 1101200 0001 F 5/26/12 8:00 am-5:00 pm CC 125

Class Topic: Work Skills for the Workplace Department consent required. Contact the CTE office at a LSC campus to register.

LSC-University Park

3338 BUSGC 1101200 601 3/20/3/21 8:00 am-4:00 pm UPEMI 112

3339 BUSGC 1101200 602 TW 4/25/26 8:30 am-4:00 pm UPEMI 112

4351 BUSGC 1101200 6005 4/14/20 12:30 pm-4:00 pm UPEMI 214

4314 BUSGC 1101200 6003 4/20/24 8:00 am-5:00 pm UPEMI 214

1 hour lunch included.

4352 BUSGC 1101200 6006 5/15/5 8:00 pm-10:00 pm UPEMI 214

1004 BUSGC 1101200 601 TW 5/23/24 8:30 am-4:00 pm UPEMI 214

1168 BUSGC 1101200 6002 7/25/8 6:00 pm-9:00 pm UPEMI 214

Supervision, Introduction

BMGTC 1101000 8 Contact Hours $128

Discussion of basic supervisory tasks, performance skills, common problems encountered, and effective solution strategies.

LSC-Kingwood

4569 BMGTC 1101000 2001 W 2/12/22 7:00 pm-9:00 pm

LSC-Montgomery

6466 BMGTC 1101000 4001 MTh 8/24-8/28

Instruction Type: Online

6572 BMGTC 1101000 4002 MTh 8/24-8/28

Instruction Type: Online

6574 BMGTC 1101000 4003 MTh 8/24-8/28

Instruction Type: Online

1348 BMGTC 1101000 4001 MTh 5/29/4

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

Instruction Type: Online

1354 BMGTC 1101000 4002 MTh 7/17/7

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

Instruction Type: Online

LSC-Montgomery

1122 BMGTC 1101000 1001 TTh 8/10-8/22

Instruction Type: Online

LSC-North Harris

1139 BMGTC 1101000 1001 TTh 8/10-8/22

Instruction Type: Online

LSC-University Park

4277 BMGTC 1101000 6001 MTh 3/6/3/12

Please contact instructor by email before start date of course at Janet.L.Taber@lonestar.edu Instruction Type: Online

Please contact the CTE office at a LSC campus to register.

Instruction Type: Online

Questions? Email LSCCE@LoneStar.edu
Overview

Watching people master new skills is inspiring. If you love helping others and have a true desire to see them succeed, a career in teaching just might be for you.

Lone Star College has a variety of education and training programs, and offers specialized courses like Integrating Technology, Pedagogy and Professional Responsibilities, and Components of Special Education to give you the well-rounded foundation you need to be a successful educator.

Application Process

- Application with $40 non-refundable fee
- Bachelor’s Degree, except for CTE-Trade and Industrial certifications requiring work experience and licensing
- A minimum 2.5 GPA expected
- Transcripts from all colleges attended
- Qualifying Exam for entrance into the program
- Resume
- Three Professional References
- One Page Essay
- Certification Area – What age student and what subject will you teach

For more information, email ATCP@LoneStar.edu or visit LoneStar.edu/cluster-education-training.

Programs

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<thead>
<tr>
<th>Program</th>
<th>Hours</th>
<th>Cost</th>
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<tbody>
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<td><strong>Substitute Teacher</strong></td>
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<td>Substitute Teacher Training</td>
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<td>Components of Special Education</td>
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<td>$526</td>
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<tr>
<td>Generalist Teacher Prep or Creating Successful Classrooms</td>
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<td>$526</td>
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<tr>
<td><strong>Texas Teacher Certification - Internship Track</strong></td>
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<td>Field Experience &amp; Mentor Fee</td>
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</table>

Linked with a credit course. See page 5 for requirements.
Clinical Teaching
ATCPC 7000026 62 Contact Hours $1018
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
4073 ATCPC 7000026 2001 M 1/9/28
Instruction Type: Online

Components of Special Education
ATCPC 7000027 48 Contact Hours $526
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
4056 ATCPC 7000027 5001 T 1/15/18
Instruction Type: Online
1421 ATCPC 7000027 5001 M 6/23/18

LSC-North Harris
4298 ATCPC 7000027 1001 M 2/15/15
Instruction Type: Online
1406 ATCPC 7000027 1001 M 6/12/7

Creating Successful Classrooms
ATCPC 7000081 48 Contact Hours $526
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
4301 ATCPC 7000081 1001 T 1/15/9
Instruction Type: Online
1407 ATCPC 7000081 1001 M 6/12/7

Generalist Teacher Preparation
ATCPC 7000086 48 Contact Hours $526
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
4065 ATCPC 7000086 5001 T 1/15/9
Instruction Type: Online
1423 ATCPC 7000086 5001 M 6/23/18

LSC-Fairbanks Center
4067 ATCPC 7000086 F001 M 2/15/15 6:00 pm-9:00 pm
Instruction Type: Hybrid, Internet

LSC-Greenspoint Center
1408 ATCPC 7000086 6001 M 6/12/7 6:00 pm-9:00 pm
Instruction Type: Hybrid, Internet

LSC-North Harris
4307 ATCPC 7000086 6001 M 2/15/15 6:00 pm-9:00 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
4097 ATCPC 7009301 2001 M 2/6/20
Instruction Type: Online
4099 ATCPC 7009301 2002 M 3/27/10
Instruction Type: Online
1412 ATCPC 7009301 2001 M 6/12/26

Pedagogy and Professional Responsibilities (PPR)
ATCPC 7000062 108 Contact Hours $856
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
4057 ATCPC 7000062 5001 T 1/15/16
Instruction Type: Online
4320 ATCPC 7000062 5002 M 1/25/17 6:00 pm-9:00 pm
Instruction Type: Hybrid, Internet
1422 ATCPC 7000062 5001 M 6/12/7
Instruction Type: Online
TCP Internship II
ATCPC 7000066 32 Contact Hours $1018
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
4064 ATCPC 7000066 5001 M 1/9/15
Department consent required. Contact the CTE office at a LSC campus to register.
Instruction Type: Online

LSC-Kingwood
4093 ATCPC 7000066 2001 M 1/9/15
Department consent required. Contact the CTE office at a LSC campus to register.
Instruction Type: Online

LSC-Kingwood
4096 ATCPC 7000066 2002 M 1/9/15
Department consent required. Contact the CTE office at a LSC campus to register.
Instruction Type: Online

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-Fairbanks Center
4070 ATCPC 7200021 F001 Sa 1/28 8:30 am-4:00 pm
4072 ATCPC 7200021 F002 Sa 4/22 8:30 am-4:00 pm

LSC-Greenspoint Center
1409 ATCPC 7200021 G001 M 6/12 8:30 am-4:00 pm
1410 ATCPC 7200021 G002 M 7/17 8:30 am-4:00 pm

LSC-All Campuses
4066 ATCPC 5001 M 1/28

TCP Internship I
ATCPC 7000065 32 Contact Hours $1018
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
4063 ATCPC 7000065 5001 M 1/9/15
Department consent required. Contact the CTE office at a LSC campus to register.
Instruction Type: Online

TCP Internship Extension
ATCPC 7000055 48 Contact Hours $526
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
4077 ATCPC 7000055 2001 M 1/9/15

LSC-North Harris
4303 ATCPC 2001 M 3/20/3
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
4066 EDTCC 2100201 5001 Sa 1/28/4 8:30 am-4:00 pm

LSC-Kingwood
4287 EDTCC 2100201 2001 W 2/12/15
Instruction Type: Online

LSC-North Harris
4304 EDTCC 2100201 1001 M 3/20/4/3
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
4392 ATCPC 7200013 4002 Mtu 7/10/7/11 8:30 am-3:30 pm

LSC-North Harris
4303 ATCPC 2001 M 3/20/25 8:30 am-3:30 pm CNED 205
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.

Child Development Associate
CDECC 2101602 120 Contact Hours $701
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 additional 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
4204 CDECC 2101602 2001 T 1/17-5/9 6:00 pm-8:30 pm Instruction Type: Hybrid, Internet

Teacher Certification
Alternative Teacher Certification Programs

Thinking about a career change? Already have a degree?

If you have at least a bachelor’s degree, complete your Texas K-12 teacher certification with our Alternative Teacher Certification Programs at Lone Star College.

LoneStar.edu/CTE-education
Overview
Many industries need skilled workers who can transform and assemble materials into products. Lone Star College Energy & Manufacturing Institute is an industry specific training hub for businesses with employees currently working or seeking a career in the oil and gas, alternative energy, or mechanized (automated) production industries.

Programs

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<tr>
<th>Program</th>
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<th>Cost</th>
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<td><strong>Field Service Technician Certificate</strong></td>
<td>304</td>
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<tr>
<td>DC/AC Circuits</td>
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<tr>
<td>Hydraulics &amp; Pneumatics</td>
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<tr>
<td>Print Reading for Machine Trades</td>
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<tr>
<td>Machine Shop Mathematics</td>
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<td><strong>Industrial Maintenance Assistant</strong></td>
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<td>Industrial Maintenance, Introduction</td>
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<tr>
<td>Basic Mechanical Skills for Energy</td>
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<tr>
<td><strong>Machinist (NIMS)</strong></td>
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<tr>
<td>Machine Shop, Basic</td>
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<tr>
<td>Blueprint Reading and Sketching</td>
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<tr>
<td>Work Skills for the Workplace</td>
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<tr>
<td><strong>Machine Tool (CNC) Operator</strong></td>
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<td>Machine Tool (CNC) Operator</td>
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*Linked with a credit course. See page 5 for requirements.

*Programs Coming Fall 2017
ENERGY & MANUFACTURING

Programs (continued)

### Pre-Apprentice Mechatronics
- 344 hours, $4,715
- Introduction to Manufacturing: 24 hours, $336
- Work Skills for the Workplace: 16 hours, $232
- Quality Control for Manufacturing: 16 hours, $232
- HVAC Basics: 16 hours, $232
- Hydraulic & Pneumatic and Mechanical Systems: 48 hours, $657
- Basic Mechanical Skills for Energy: 48 hours, $657
- Introduction to Industrial Maintenance: 96 hours, $1,281
- Electrical & Electronics Hardware: 40 hours, $544
- Programmable Logical Controllers: 40 hours, $544

### Floor-hand/Roustabout Certificate
- 296 hours, $4,064
- IADC® Gateway
  - Introduction to Oil and Gas: 24 hours, $336
  - Introduction to Industrial Maintenance: 96 hours, $1,281
- Basic Mechanical Skills for Energy: 48 hours, $657
- Work Skills for the Workplace: 16 hours, $232
- Drilling (Rig Floor Core Skills): 80 hours, $1,073
- IADC RIG PASS®: 8 hours, $149
- IADC WellSharp®: 24 hours, $336

### Carpenter NCCER Certificate
- 236 hours, $3,167
- NCER Core - Construction Methods/Materials: 73 hours, $982
- Basic Framing: 48 hours, $657
- Introduction to Carpentry: 115 hours, $1,528

### Concrete Finishing NCCER Certificate
- 201 hours, $2,679
- NCER Core - Construction Methods/Materials: 73 hours, $982
- Concrete Finishing I: 128 hours, $1,697

### Electrical NCCER Certificate
- 186 hours, $2,484
- NCER Core - Construction Methods/Materials: 73 hours, $982
- Basic Electrical Wiring: 113 hours, $1,502

### Heavy Equipment NCCER Certificate
- 166 hours, $2,224
- NCER Core - Construction Methods/Materials: 73 hours, $982
- Heavy Equipment Operator Level I: 93 hours, $1,242

### HVAC NCCER Certificate
- 193 hours, $2,575
- NCER Core - Construction Methods/Materials: 73 hours, $982
- Refrigeration Principals: 120 hours, $1,593

### Ironworking NCCER Certificate
- 236 hours, $3,167
- NCER Core - Construction Methods/Materials: 73 hours, $982
- Construction Methods, Material/App II: 110 hours, $1,463
- Fundamentals of Oxy-Fuel Cutting: 53 hours, $722

### Masonry NCCER Certificate
- 196 hours, $2,614
- NCER Core - Construction Methods/Materials: 73 hours, $982
- Introduction to Masonry I: 123 hours, $1,632

### Pipefitting NCCER Certificate
- 153 hours, $2,055
- NCER Core - Construction Methods/Materials: 73 hours, $982
- Basic Pipefitting: 80 hours, $1,073

### Plumbing Basics NCCER Certificate
- 218 hours, $2,933
- NCER Core - Construction Methods/Materials: 73 hours, $982
- Introduction to Plumbing: 97 hours, $1,294
- Blueprint Reading for Plumbers: 48 hours, $657

### Scaffolding NCCER Certificate
- 151 hours, $2,029
- NCER Core - Construction Methods/Materials: 73 hours, $982
- Introduction to Construction Scaffolding: 78 hours, $1,047

### Sheet Metal NCCER Certificate
- 176 hours, $2,354
- NCER Core - Construction Methods/Materials: 73 hours, $982
- Sheet Metal I NCCER: 103 hours, $1,372

### Welding NCCER Certificate
- 358 hours, $4,786
- NCER Core - Construction Methods/Materials: 73 hours, $982
- Fundamentals of Oxy-Fuel Cutting: 40 hours, $553
- Introduction (SMAW) NCCER: 130 hours, $1,723
- Intermediate (SMAW) NCCER: 115 hours, $1,528

### Welder (SMAW & GMAW) Certificate
- 240 hours, $3,738
- Blueprint Reading for Welding: 32 hours, $440
- Math for Welding: 32 hours, $440
- Work Skills for the Workplace: 16 hours, $232
- Shielded Metal Arc Welding (SMAW): 80 hours, $1,313
- Gas Metal Arc Welding (GMAW): 80 hours, $1,313

### Gas Tungsten Welder (GTAW) Certificate
- 80 hours, $1,313
- Gas Tungsten Arc Welding (GTAW): 80 hours, $1,313

### Pipe Welder Certificate
- 80 hours, $1,313
- Shielded Metal Arc Pipe: 80 hours, $1,313

### Welding Master Certificate (AWS)
- 400 hours, $6,364
- Blueprint Reading for Welding: 32 hours, $440
- Math for Welders: 32 hours, $440
- Work Skills for the Workplace: 16 hours, $232
- Shielded Metal Arc Welding (SMAW): 80 hours, $1,313
- Gas Metal Arc Welding (GMAW): 80 hours, $1,313
- Gas Tungsten Arc Welding (GTAW): 80 hours, $1,313
- Shielded Metal Arc Pipe: 80 hours, $1,313

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Register for classes online at LoneStar.edu/CTE  Questions? Email LSCCE@LoneStar.edu
Mechanical Skills, Basic
ENERC 1103001  48 Contact Hours  $657
Basic mechanical skills using hand and power tools in an industrial environment. Topics include tool use and maintenance, lubrication, measuring, threads and fasteners, bench work, 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
3342 ENERC 1103001 6101  M-Th 3/23/9 8:30 am-4:00 pm
3342 ENERC 1103001 6101  F 3/10 8:30 am-4:00 pm
3343 ENERC 1103001 6102  M-Th 4/134/24 8:30 am-4:00 pm UP-EMI 112
3344 ENERC 1103001 6103  M-Th 5/115/22 8:30 am-4:00 pm UP-EMI 112
4310 ENERC 1103001 6004  M-Th 3/234/3 8:00 am-5:00 pm UP-EMI 112
1 hour lunch included.
8850 ENERC 1103001 6006  M-Th 5/86/5 6:00 pm-9:00 pm UP-EMI 112
1 hour lunch included.
1021 ENERC 1103001 6001  M-Th 6/54/8 8:00 am-5:00 pm UP-EMI 112
1 hour lunch included.

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-North Harris
14430 CNSEC 1100304 1001  Sa 2/4 8:00 am-6:00 pm
14431 CNSEC 1100304 1002  Sa 3/4 8:00 am-6:00 pm
14433 CNSEC 1100304 1003  Sa 4/1 8:00 am-6:00 pm
14435 CNSEC 1100304 1004  Sa 5/6 8:00 am-6:00 pm
1288 CNSEC 1100304 1005  Sa 6/3 8:00 am-6:00 pm

LSC-University Park
5442 CNSEC 1100304 6001  F 1/20 7:00 am-5:00 pm UP-EMI 110
1 hour lunch included.
5444 CNSEC 1100304 6002  F 2/17 7:00 am-5:00 pm UP-EMI 110
1 hour lunch included.
5445 CNSEC 1100304 6003  F 3/24 7:00 am-5:00 pm UP-EMI 110
1 hour lunch included.
5452 CNSEC 1100304 6004  F 4/21 7:00 am-5:00 pm UP-EMI 110
1 hour lunch included.

Hydraulics and Pneumatics
HYDRC 2104504  80 Contact Hours  $237
Fundamentals of hydraulics and types of hydraulic pumps, cylinders, valves, motors, and related systems including operations, maintenance, and system analysis. This course is linked to HYDR 1345.

LSC-University Park
12284 HYDRC 2104504 6201  M-W 1/175/14 6:00 pm-6:55 pm UP-EMI 140

Industrial Maintenance, Introduction
INMTC 1100501  96 Contact Hours  $1281
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.

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
4050 DFTGC 2109120 5001  MW 3/20/12 6:00 pm-10:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Kingwood
4609 DFTGC 2109120 2001  M 1/93/27 6:30 pm-9:30 pm CLA 106

LSC-North Harris
6143 DFTGC 2109120 1001  Th 2/21/3/20 6:00 pm-10:00 pm DTEC 103
1130 DFTGC 2109120 1001  Th 6/22/7/25 6:00 pm-9:00 pm DTEC 103

LSC-University Park
8872 DFTGC 2109120 6001  Th 1/17/2/1 6:00 pm-10:00 pm UP-EMI 243
8873 DFTGC 2109120 6002  Th 4/185/3 6:00 pm-10:00 pm UP-EMI 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
4052 DFTGC 1109101 5001  MW 4/175/10 6:00 pm-10:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Kingwood
4612 DFTGC 1109101 2001  M 4/36/12 6:30 pm-9:30 pm CLA 106

LSC-North Harris
8939 DFTGC 1109101 1001  Th 4/45/4 6:00 pm-9:00 pm DTEC 103
1171 DFTGC 1109101 1001  Th 8/18/31 6:00 pm-9:00 pm DTEC 103

LSC-University Park
4257 DFTGC 1109101 6001  Th 2/22/16 6:00 pm-10:00 pm UP-EMI 243
4259 DFTGC 1109101 6002  Th 5/95/24 6:00 pm-10:00 pm UP-EMI 243

Work Skills for the Workplace
BUSGC 1101200  16 Contact Hours  $232
Develop entry-level skills for the workforce. Includes professionalism, interpersonal skills, communication, workplace civility, and employability (resume/interview) skills.

LSC-Conroe Center
14146 BUSGC 1101200 2001  F 5/266/2 8:00 am-5:00 pm CC 125
Class Topic: Work Skills for the Workplace Department consent required. Contact the CTE office at a LSC campus to register.
Basic Pipefitting Skills NCCER
PFPBC 2100801 80 Contact Hours $1073
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.

Class Topic: For NCCER Pipefitting
Class Topic: For NCCER Welding
Class Topic: For NCCER Welding
Class Topic: For NCCER Welding

Construction Methods & Materials I NCCER
CNBTC 2101106 73 Contact Hours $982
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.

Class Topic: For NCCER Pipefitting
Class Topic: For NCCER Welding
Class Topic: For NCCER Welding
Class Topic: For NCCER Welding

Machining
Basic Machine Shop I
MCHNC 1103801 80 Contact Hours $1142
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.
Blueprint Reading & Sketching
DFTGC 1102500 48 Contact Hours $657
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
4346 DFTGC 1102500 6001 M-Th 3/20/13 12:30 pm-3:30 pm UP-EMI 119
Must be taken in conjunction with Machine Shop Mathematics.
4347 DFTGC 1102500 6002 M-Th 3/20/13 8:00 am-10:00 pm UP-EMI 119
Must be taken in conjunction with Machine Shop Mathematics.

CNC Machine Controls, Fundamentals
MCHNC 1200300 48 Contact Hours $657
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.

LSC-University Park
1134 MCHNC 1200300 6001 MF 5/16/16 9:00 am-3:30 pm UP-EMI 110
1135 MCHNC 1200300 6002 M-Th 6/20/11 6:00 pm-10:00 pm UP-EMI 110

Machine Shop Mathematics
MCHNC 1104306 64 Contact Hours $865
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
4342 MCHNC 1104306 6001 M-Th 3/20/12 9:00 am-12:00 pm UP-EMI 144
Must be taken in conjunction with Blueprint Reading and Sketching.
4345 MCHNC 1104306 6002 M-Th 3/20/11 6:00 pm-8:00 pm UP-EMI 144
Must be taken in conjunction with Blueprint Reading and Sketching.

Operation of CNC Machining Centers
MCHNC 1203400 64 Contact Hours $865

LSC-University Park
1139 MCHNC 1203400 6001 M-Th 6/19/7 9:00 am-3:30 pm UP-EMI 110
1141 MCHNC 1203400 6002 M-Th 8/9/6 6:00 pm-10:00 pm UP-EMI 220

Operation of CNC Turning Centers
MCHNC 1203100 64 Contact Hours $865

LSC-University Park
1137 MCHNC 1203100 6001 M-Th 5/30/4/15 9:00 am-3:30 pm UP-EMI 110
1138 MCHNC 1203100 6002 M-Th 7/12/8 6:00 pm-10:00 pm UP-EMI 110

Oil & Gas Drilling
Oil and Gas, Introduction
PRRTC 1109110 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 to include various aspects of petroleum processes such as gas production, petrochemical, refining, and operations. Offsite tour to be completed as part of course.

LSC-University Park
4282 PRRTC 1109110 6001 MW 2/20/22 8:00 am-5:00 pm UP-EMI 214
1 hour lunch included.
8844 PRRTC 1109110 6003 MW 2/20/22 6:00 pm-9:00 pm UP-EMI 214
4283 PRRTC 1109110 6002 MW 5/8/10 8:00 am-5:00 pm UP-EMI 214
1 hour lunch included.

Basic Principles of Oil & Gas for Industry
PRRTC 1109107 24 Contact Hours $336
Various aspects of petroleum processes such as gas production, petrochemical, refining, and operations. Course to include various aspects of petroleum processes such as gas production, petrochemical, refining, and operations. Offsite tour to be completed as part of course.

LSC-University Park
6941 PRRTC 1109107 6001 Th 1/31/2 8:00 am-5:00 pm UP-EMI 214
1 hour lunch included.
6942 PRRTC 1109107 6002 Th 2/28/3 8:00 am-5:00 pm UP-EMI 214
1 hour lunch included.
6943 PRRTC 1109107 6003 Th 3/28/3 8:00 am-5:00 pm UP-EMI 214
1 hour lunch included.
6945 PRRTC 1109107 6004 Th 4/25/27 8:00 am-5:00 pm UP-EMI 214
1 hour lunch included.
6946 PRRTC 1109107 6005 Th 5/25/4 8:00 am-5:00 pm UP-EMI 214
1 hour lunch included.

Drilling/Rig Floor Core Skills
PRRTC 1100301 80 Contact Hours $1073
A study of practices and procedures for drilling operations. Rig equipment, casing design, fishing, and proper procedures to successfully drill a well are discussed.

LSC-University Park
4284 PRRTC 1100301 6001 Th 4/4/19 8:00 am-5:00 pm UP-EMI 112
1 hour lunch included.
1167 PRRTC 1100301 6001 M-Th 6/6/24 8:00 pm-9:00 pm UP-EMI 112

IADC RigPass® for Industry
PRRTC 1202502 8 Contact Hours $228
Various hazards associated with the petroleum industry.
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 may be available.

LSC-University Park
20515 SH 249 • Houston, TX 77070
For information, contact LSCUPCE@LoneStar.edu

IADC RigPass® Petroleum Safety and Environmental Hazards
PTRTC 1202500 8 Contact Hours $149
Various hazards associated with the petroleum industry.
LSC-University Park
4286 PTRTC 1202500 6001 T 4/25 8:00 am-5:00 pm UP-EAN 214
1 hour lunch included.
1019 PTRTC 1202500 6002 M 7/3 8:00 am-5:00 pm UP-EAN 214
1 hour lunch included.
1169 PTRTC 1202500 6002 M-Th 8/38/8 6:00 pm-9:00 pm UP-EAN 214

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
6896 PTRTC 1109105 6002 M-W 1/231/25 8:00 am-5:00 pm UP-EAN 214
1 hour lunch included.
6901 PTRTC 1109105 6003 M-Th 2/132/10 8:00 am-5:00 pm UP-EAN 214
1 hour lunch included.
6906 PTRTC 1109105 6004 M-Th 3/203/22 8:00 am-5:00 pm UP-EAN 214
1 hour lunch included.

Pre-Apprentice Mechatronics
Electrical/Electronics and Hardware
IEIRC 1102001 40 Contact Hours $544
A study of electricity and its use in a process control system and the production process. Topics include the conversion of electricity to mechanical, fluid, or thermal energy.
LSC-University Park
3347 IEIRC 1102001 6011 M-Th 3/223/29 8:30 am-4:00 pm UP-EAN 112
3348 IEIRC 1102001 6012 M-Th 4/275/4 8:30 am-4:00 pm UP-EAN 112
1008 IEIRC 1102001 6013 M-W 5/256/5 8:30 am-4:00 pm

HVAC Basics
MAIRC 1102102 16 Contact Hours $232
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
3355 MAIRC 1102102 6101 M-W 7/920 8:30 am-4:00 pm UP-EAN 112
3349 MAIRC 1102102 6102 Th 5/255/30 8:30 am-4:00 pm UP-EAN 112
1010 MAIRC 1102102 6102 M-Th 6/58/20 8:30 am-4:00 pm UP-EAN 112

Hydraulic and Pneumatics and Mechanical Systems
HYDRC 1100501 48 Contact Hours $657
Fundamentals of hydraulics including types of hydraulic pumps, cylinders, valves, motors, and related systems. Introduction to hydraulic schematic symbols as related to components.
LSC-University Park
3345 HYDRC 1100501 6101 M-Th 3/304/10 8:30 am-4:00 pm UP-EAN 112
3347 HYDRC 1100501 6102 M-Th 5/85/16 8:30 am-4:00 pm UP-EAN 112
1007 HYDRC 1100501 6101 M-Th 6/64/14 8:30 am-4:00 pm

Pre-Apprentice Mechatronics
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
3352 INMTC 1109130 6011 M-W 2/62/8 8:30 am-4:00 pm UP-EAN 112
3353 INMTC 1109130 6012 M-W 3/203/22 8:30 am-4:00 pm UP-EAN 112
3354 INMTC 1109130 6013 M-W 4/174/19 8:30 am-4:00 pm UP-EAN 112
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
3340 ELPTC 1100306 6101 M-Th 4/11/18 8:30 am-4:00 pm UP-EAN 112
1005 ELPTC 1100306 6101 M-Th 5/17/18 8:30 am-4:00 pm UP-EAN 112
1006 ELPTC 1100306 6102 M-Th 6/15/18 8:30 am-4:00 pm UP-EAN 112

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

LSC-University Park
3337 BMGTC 1102404 6101 M/Wu 4/24/18 8:30 am-4:00 pm UP-EAN 112
1002 BMGTC 1102404 6101 WTh 5/31/18 8:30 am-4:00 pm UP-EAN 112
1003 BMGTC 1102404 6102 WTH 6/28/18 8:30 am-4:00 pm UP-EAN 112

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 to take the American Welding Society Certification Exam.

LSC-Conroe Center
6580 DFTGC 2102301 C001 TTh 1/17/18 11:00 am-3:00 pm CC 215
6615 DFTGC 2102301 C002 TTh 4/14/18 11:00 am-3:00 pm CC 215
14425 DFTGC 2102301 C003 TTh 6/18/18 11:00 am-3:00 pm CC 215

LSC-North Harris
5988 DFTGC 2102301 1001 TTh 2/7/17 8:00 am-10:00 am
Department consent required. Contact the CTE office at a LSC campus to register.

Math for Welders
WLDGC 2109117 32 Contact Hours $440
Math skills applicable to welding occupations. Includes fraction and decimal manipulation, measurement, percentage, and problem solving techniques for equations and ratio/proportion applications. 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. Student purchases personal tools, supplies and workbook. This course is designed as a component to prepare the student to take the American Welding Society Certification Exam.

LSC-Conroe Center
6594 WLDGC 2103004 C002 M-Th 1/9/17 11:00 am-3:00 pm CC 300A
Closed 1/16/17. Department consent required. Contact the CTE office at a LSC campus to register.
6632 WLDGC 2103004 C005 TTh 1/17/17 6:00 pm-10:00 pm CC 300A

Welding

LSC-Conroe Center
3327 BMGTC 1102404 6101 M-Th 4/24/18 8:30 am-4:00 pm UP-EAN 112
1002 BMGTC 1102404 6101 WTH 5/31/18 8:30 am-4:00 pm UP-EAN 112
1003 BMGTC 1102404 6102 WTH 6/28/18 8:30 am-4:00 pm UP-EAN 112
Career & Technical Education

Energy & Manufacturing

Course Descriptions

Gas Tungsten Arc Welding (GTAW)

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-Victory Center

Closed 3.13.17 to 3.19.17. Department consent required. Contact the CTE office at a LSC campus to register.

Pipe Welding

This course covers pipe welding techniques and applications. Student purchases personal tools, supplies and workbook.

LSC-Conroe Center

Closed 3.13.17 to 3.19.17. Department consent required. Contact the CTE office at a LSC campus to register.

Shielded Metal Arc Welding (SMAW)

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
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**
9064 WLDGC 2102804 C002 M-Th 1/16/17 11:00 am-3:00 pm CC 300A
Closed 1.16.17. Department consent required. Contact the CTE office at a LSC campus to register.

9073 WLDGC 2102804 C005 TTh 1/17/17 6:00 pm-10:00 pm CC 300A
Closed 3.13.17 to 3.19.17. Department consent required. Contact the CTE office at a LSC campus to register.

9049 WLDGC 2102804 C001 F 1/20/17 8:00 am-4:30 pm CC 300A
Closed 3.13.17 to 3.19.17. Department consent required. Contact the CTE office at a LSC campus to register.

9069 WLDGC 2102804 C004 M-Th 2/20/17 11:00 am-3:00 pm CC 300A
Closed 3.13.17 to 3.19.17. Department consent required. Contact the CTE office at a LSC campus to register.

9064 WLDGC 2102804 C003 M-Th 4/10/17 11:00 am-3:00 pm CC 300A
Closed 4/14/17. Department consent required. Contact the CTE office at a LSC campus to register.

9077 WLDGC 2102804 C006 TTh 4/14/17 6:00 pm-10:00 pm CC 300A
Department consent required. Contact the CTE office at a LSC campus to register.

**LSC-Victory Center**
5941 WLDGC 2102804 V001 MW 3/20/17 8:00 am-9:00 am VC 111
Department consent required. Contact the CTE office at a LSC campus to register.

5941 WLDGC 2102804 V001 MW 3/20/17 9:00 am-10:00 am VC 111
Department consent required. Contact the CTE office at a LSC campus to register.

5944 WLDGC 2102804 V002 MW 3/20/17 5:00 pm-6:00 pm VC 111
Department consent required. Contact the CTE office at a LSC campus to register.

5944 WLDGC 2102804 V002 MW 3/20/17 6:00 pm-9:00 pm VC 111
Department consent required. Contact the CTE office at a LSC campus to register.

1110 WLDGC 2102804 V001 MW 6/5/17 8:00 am-9:00 am VC 111
Department consent required. Contact the CTE office at a LSC campus to register.

1110 WLDGC 2102804 V001 MW 6/5/17 9:00 am-10:00 am VC 111
Department consent required. Contact the CTE office at a LSC campus to register.

1111 WLDGC 2102804 V002 MW 6/5/17 5:00 pm-6:00 pm VC 111
Department consent required. Contact the CTE office at a LSC campus to register.

1111 WLDGC 2102804 V002 MW 6/5/17 6:00 pm-9:00 pm VC 111
Department consent required. Contact the CTE office at a LSC campus to register.

**Welding Inspector Preparation Part I**
NDTEC 1201102 48 Contact Hours $657
Welding fundamentals, welding inspection and code interpretation in preparation for the certified welding inspector examination. General principles of welding inspection including welding processes, terms and definitions, welding discontinuities, duties and responsibilities of inspectors, destructive and nondestructive testing, quality assurance/quality control, welding codes and blueprints, procedures, and case studies. An overview of welding tools and equipment, metallurgy, chemistry, and joint design.

**LSC-Conroe Center**
6653 NDTEC 1201102 C001 M-Th 1/12/17 6:00 pm-9:00 pm
6655 NDTEC 1201102 C002 M-Th 5/6/17 6:00 pm-9:00 pm

**Welding Inspector Preparation Part II**
NDTEC 1201103 48 Contact Hours $657
Welding fundamentals, welding inspection and code interpretation in preparation for the certified welding inspector examination. General principles of welding inspection including welding processes, terms and definitions, welding discontinuities, duties and responsibilities of inspectors, destructive and nondestructive testing, quality assurance/quality control, welding codes and blueprints, procedures, and case studies. An overview of welding tools and equipment, metallurgy, chemistry, and joint design.

**LSC-Conroe Center**
6659 NDTEC 1201103 C001 M-Th 2/27/17 6:00 pm-9:00 pm
Closed 3.13.17 to 3.19.17.

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**Information Sessions for Mechatronics**

Are you looking for information about the manufacturing industry and our successful program? Join us for an information session with industry experts. Information sessions will be held at Lone Star College-University Park Energy and Manufacturing Institute Room 112.

**January 23, 2017**
9:00 – 10:00 a.m.
7:00 – 8:00 p.m.

**February 27, 2017**
9:00 – 10:00 a.m.
7:00 – 8:00 p.m.

**March 27, 2017**
9:00 – 10:00 a.m.
7:00 – 8:00 p.m.
FINANCE

Overview

Begin a Satisfying Career!

If you have a knack for numbers and want to contribute to the bottom-line success of a company, a career in Finance may be the track for you. Lone Star College offers you the opportunity to launch your career today or advance your skills in programs such as Accounting and Payroll Professional. You can also enroll in courses that fit your immediate technical skill needs such as Quickbooks and Excel I and II.

For more information, go to LoneStar.edu/cte-finance.

Programs

**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

**Accounting Assistant/Bookkeeper Certificate - Plus**
- 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

.Linked with a credit course. See page 5 for requirements.
Accounting, Office I
ACNTC 210106 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
1241 ACNTC 210106 5001 TTh 1/17/2 6:00 pm-10:00 pm HSCI 105
LSC-Kingwood
4523 ACNTC 210106 2001 Su 1/15/26
4536 ACNTC 210106 2002 2/15/29
4589 ACNTC 210106 2003 W 3/15/3
4541 ACNTC 210106 2004 Su 4/15/3
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. 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-CyFair
1242 ACNTC 2104201 5001 TTh 2/7/23 6:00 pm-10:00 pm HSCI 105
LSC-Kingwood
4552 ACNTC 2104201 2001 Su 1/15/26
4553 ACNTC 2104201 2002 W 2/15/29
4554 ACNTC 2104201 2003 W 3/15/3
4555 ACNTC 2104201 2004 Su 4/15/3
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. Instruction Type: Online

Business Math & Machines
POFTC 2102501 80 Contact Hours $210
Skill development in the use of electronic calculators and business math functions. Emphasis on business problem-solving skills using spreadsheet software and/or electronic calculator/keypad. Must have high school diploma, successful completion of GED or be in the early admissions program. This course linked to POFT 1325. Prerequisites: None.
LSC-North Harris
15022 POFTC 2102501 1001 Sa 1/17/5/14 8:00 am-9:40 am DTEC 107
Course offered days in Fall; nights or Saturdays in Spring.
LSC-CyFair
4326 ITSWC 2104606 5001 TTh 5/25/11 6:00 pm-10:00 pm
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
4324 ITSWC 2102224 5001 TTh 4/18/27 6:00 pm-10:00 pm
LSC-Kingwood
4678 ITSWC 2102224 2001 Su 1/15/2/19
4679 ITSWC 2102224 2002 W 2/15/3/19
4680 ITSWC 2102224 2003 W 3/15/4/19
4681 ITSWC 2102224 2004 Sa 4/15/5/19
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 email 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. Instruction Type: Online
LSC-Montgomery
5224 ACNTC 2104201 4001 TTh 1/28/3/9 6:00 pm-10:00 pm MCE E203
1276 ACNTC 2104201 4001 TTh 8/18/10 6:00 pm-10:00 pm MCE E203
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. Instruction Type: Online
LSC-North Harris
6131 ITSWC 2102224 1001 Th 3/28/4/6 6:00 pm-10:00 pm DTEC 102
1125 ITSWC 2102224 1001 Th 6/27/7/11 6:00 pm-10:00 pm DTEC 102
LSC-Tomball
4294 ITSWC 2102224 3001 Th 1/30/2/7 8:00 am-12:00 pm E 160
4296 ITSWC 2102224 3002 MW 4/17/4/26 6:00 pm-10:00 pm E 160
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
4326 ITSWC 2104606 5001 TTh 5/25/11 6:00 pm-10:00 pm
**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-Creekside Center**
5615 ACNTC 2101511 K001 MW 4/10/26 9:00 am-1:00 pm

**LSC-CyFair**
1249 ACNTC 2101511 5001 TTh 4/4/20 6:00 pm-10:00 pm

**LSC-Montgomery**
1026 ACNTC 2101511 4001 Msu 5/15/28
Instruction Type: Online

**LSC-North Harris**
6126 ACNTC 2101511 1002 MW 1/23/8 6:00 pm-10:00 pm DTEC 102
1123 ACNTC 2101511 1002 MW 6/26/17 6:00 pm-10:00 pm DTEC 102

**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-Creekside Center**
5620 ACNTC 2109112 K001 MW 5/15/17 9:00 am-1:00 pm

**LSC-CyFair**
1250 ACNTC 2109112 5001 TTh 4/25/11 6:00 pm-10:00 pm

**LSC-Montgomery**
1027 ACNTC 2109112 4001 Msu 5/29/11
Instruction Type: Online

**LSC-North Harris**
6129 ACNTC 2109112 1002 MW 2/13/17 6:00 pm-9:00 pm DTEC 102
1124 ACNTC 2109112 1001 MW 7/19/7 6:00 pm-10:00 pm DTEC 102

**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**
4251 ACNTC 2109108 3001 Su 1/21/18 9:00 am-3:00 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**
4251 ACNTC 2109107 3001 Su 2/25/18 9:00 am-3:00 pm

**Personal Finance**
BUSIC 3100401 48 Contact Hours $234
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-Kingwood**
11785 BUSIC 3100401 2001 MW 1/17/14 8:30 am-9:50 am LIB 207
11786 BUSIC 3100401 2002 1/17/14
Must have internet access. Access your online class at www.lonestar.edu/lsc-online. 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-Creekside Center 4471 ACNTC 2101002 K001 TTh 3/7/3/23 9:00 am-1:00 pm
LSC-CyFair 1246 ACNTC 2101002 5001 TTh 2/28/3/9 6:00 pm-10:00 pm
LSC-Kingwood 4854 ACNTC 2101002 2002 Su 1/15/26
4558 ACNTC 2101002 2001 W 2/13/1 6:00 pm-9:30 pm CLA 106
Class meets from 6:00-10:00pm one session.
4855 ACNTC 2101002 2003 W 2/13/29
4856 ACNTC 2101002 2004 W 3/15/3
4857 ACNTC 2101002 2005 Su 4/15/3
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.

LSC-Montgomery 5231 ACNTC 2105402 4001 TTh 4/25/5/4 6:00 pm-10:00 pm MCE E203
LSC-North Harris 6121 ACNTC 2105402 1001 TTh 5/9/5/18 6:00 pm-10:00 pm DTEC 103
1122 ACNTC 2105402 1001 TTh 8/10/8/22 6:00 pm-10:00 pm DTEC 103
LSC-Tomball 4474 ACNTC 2105402 3002 TTh 3/28/4/6 6:00 pm-10:00 pm E 182

Spreadsheets, Introduction
ITSWC 2100401 80 Contact Hours $252
Instruction in the concepts, procedures, and importance of electronic spreadsheets. Must have high school diploma, successful completion of GED or be in the early admissions program. This course is linked to ITSW 1304. Prerequisite: ITSC/COSC 1301 (or Intro to Computers Comp), ENGL 0305 or ENGL 0316 AND ENGL 0307 or 0326, OR higher level course (ENGL 1301), or placement by testing.

LSC-Kingwood 13745 ITSWC 2100401 2801 1/17/5/14
Students must have access to the Internet. Access your online class at www.lonestar.edu/lsk-online. 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-Creekside Center 4473 ACNTC 2105402 K001 TTh 3/8/4/6 9:00 am-1:00 pm
LSC-CyFair 1248 ACNTC 2105402 5001 TTh 3/21/3/30 6:00 pm-10:00 pm
LSC-Kingwood 4865 ACNTC 2105402 2002 Su 1/15/2/6
4866 ACNTC 2105402 2003 W 2/15/3/9
4867 ACNTC 2105402 2004 W 3/15/5/3
4560 ACNTC 2105402 2001 W 3/22/4/19 6:30 pm-9:30 pm CLA 106
Class meets from 6:00-10:00pm one session.
4868 ACNTC 2105402 2005 Su 4/15/3/6
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.

OFFICE ACCOUNTING

Begin a satisfying career!
Accounting Assistant/Bookkeeper
If you have a knack for numbers and want to contribute to the bottom-line success of a company or organization, consider training to become an accounting assistant. Training includes computer fundamentals, beginning and intermediate Excel spreadsheet training, accounting functions and fundamentals, training in QuickBooks, and essential accounting software applications.

For more information, go to LoneStar.edu/CTE.
## Health Science

### Overview

Through Lone Star College’s Career and Technical Education programs, you can obtain the specialized training needed for a career in dental assisting, patient care technician and physical fitness. Hospitals, retirement facilities, physical therapy centers and dental offices are just a few of the places where your career could begin. Various programs help prepare for exams. For more information, including course listings for each program, go to LoneStar.edu/CTE-HealthScience.

### Registration Requirements:
- 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.)

### Programs

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<tr>
<th>Program</th>
<th>Hours</th>
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<td>Clinical Medical Assistant</td>
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*Insurance Liability Fee applies (Fall $12/Spring $7/Summer $5)

Linked with a credit course. See page 5 for requirements.
Dental Assistant

Dental Assisting I
DNTAC 2105303 128 Contact Hours $1136
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. 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 uniform are not included in tuition.

LSC-Kingwood
3520 DNTAC 2105303 2001 T-Th 1/103/2 6:00 pm-10:00 pm CLA 101
Department consent required. Contact the CTE office at a LSC campus to register.
Instruction Type: Hybrid, Internet
3521 DNTAC 2105303 2001 T-Th 3/215/11 9:00 am-1:00 pm CLA 101
Department consent required. Contact the CTE office at a LSC campus to register.
Instruction Type: Hybrid, Internet
1190 DNTAC 2105303 2001 T-Th 7/189/7 9:00 am-1:00 pm CLA 101
Department consent required. Contact the CTE office at a LSC campus to register.
Instruction Type: Hybrid, Internet

Dental Assisting II
DNTAC 2101502 128 Contact Hours $1136
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
3572 DNTAC 2101502 2003 T-Th 1/103/2 9:00 am-1:00 pm CLA 101
Department consent required. Contact the CTE office at a LSC campus to register.
Instruction Type: Hybrid, Internet
3572 DNTAC 2101502 2001 T-Th 3/7/5/4 6:00 pm-10:00 pm CLA 101
Department consent required. Contact the CTE office at a LSC campus to register.
Instruction Type: Hybrid, Internet
1164 DNTAC 2101502 2001 T-Th 5/167/13 9:00 am-1:00 pm CLA 101
Instruction Type: Hybrid, Internet

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

Electrocardiography

Cardiovascular Technology Technician, Clinical
CVTTC 2106003 80 Contact Hours $353
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
6363 CVTTC 2106003 1001 MTh 3/27/5/3 7:00 am-7:00 pm OFFSITE-ID
Department consent required. Contact the CTE office at a LSC campus to register.
1156 CVTTC 2106003 1001 MTh 8/23/16 7:00 am-7:00 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**

- 6351 ECRDC 2101101 1001 TTh 1/24/21 5:30 pm-9:30 pm  
  Department consent required. Contact the CTE office at a LSC campus to register.  
- 1154 ECRDC 2101101 1001 MTTh 6/5/21 5:30 pm-9:30 pm  
  Department consent required. Contact the CTE office at a LSC campus to register.

**LSC-Conroe Center**

- 6047 ECRDC 2101101 C002 F 1/20/21 9:00 am-1:00 pm  
  Department consent required. Contact the CTE office at a LSC campus to register.  
- 6069 ECRDC 2101101 C003 F 3/10/21 9:00 am-1:00 pm  
  Department consent required. Contact the CTE office at a LSC campus to register.

**LSC-EMCID**

- 3611 ECRDC 2101101 E001 MW 1/27/21 6:00 pm-10:00 pm  
  EMCID 110  
  Department consent required. Contact the CTE office at a LSC campus to register.

**LSC-Kingwood**

- 1204 ECRDC 2101101 2001 MW 6/5/21 9:00 am-1:00 pm  
  EMCID 107

**LSC-Tomball Health Science Bdg**

- 4573 ECRDC 2101101 T001 F 1/20/21 9:00 am-1:00 pm  
  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**

- 3612 ECRDC 2101103 E001 MW 2/20/21 6:00 pm-10:00 pm  
  EMCID 107  
  Department consent required. Contact the CTE office at a LSC campus to register.  
- 3613 ECRDC 2101103 E002 MW 4/10/21 6:00 pm-10:00 pm  
  EMCID 107  
  Department consent required. Contact the CTE office at a LSC campus to register.

**LSC-Kingwood**

- 1205 ECRDC 2101103 2001 MW 7/31/21 6:00 pm-10:00 pm  
  EMCID 107

**LSC-Montgomery**

- 5970 ECRDC 2101103 4001 TTh 2/7/21 6:00 pm-9:00 pm  
  MCG-G122  
  Department consent required. Contact the CTE office at a LSC campus to register.  
- 5976 ECRDC 2101103 4002 TTh 5/4/21 6:00 pm-9:00 pm  
  MCG-G122  
  Department consent required. Contact the CTE office at a LSC campus to register.  
- 1340 ECRDC 2101103 4001 TTh 6/27/21 6:00 pm-9:00 pm  
  MCG-G122  
  Department consent required. Contact the CTE office at a LSC campus to register.  
  No class 1/18/21.  
- 1345 ECRDC 2101103 4002 TTh 8/18/21 6:00 pm-9:00 pm  
  MCG-G122  
  Department consent required. Contact the CTE office at a LSC campus to register.

**Electrocardiography Technician Proctor Fee**

**ECRXC 7000002**  
3 Contact Hours  
$39  
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**

- 6377 ECRXC 7000002 1001 Th 5/11 2:30 pm-5:30 pm  
  DTEC 103  
  Department consent required. Contact the CTE office at a LSC campus to register.  
- 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 (ECG) 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 ECG clinical, professional liability insurance and exam.

**Health Professions Building**

- 6359 DSAEC 2104002 1001 Th 7/9/21 5:30 pm-9:30 pm  
  Department consent required. Contact the CTE office at a LSC campus to register.  
- 1155 DSAEC 2104002 1001 MTTh 6/22/21 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  
$411  
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-Montgomery**

- 15392 EMSPC 2100103 4201 TTh 1/17/21 8:30 am-9:50 am  
  MCB B222  
  Department consent required. Contact the CTE office at a LSC campus to register.  
  Admission to the EMS Professions program required. Must be taken concurrently with EMSP 1160-4901. For information, see lonestar.edu/ems-dept-Montgomery.  
  Call 936.273.7030.  
- 15394 EMSP 2100103 4401 TTh 1/17/21 6:00 pm-7:30 pm  
  MCB B222  
  Department consent required. Contact the CTE office at a LSC campus to register.  
  Admission to the EMS Professions program required. Must be taken concurrently with EMSP 1160-4903. For information, see lonestar.edu/ems-dept-Montgomery.  
  Call 936.273.7030.
Designed for students with a previous passing grade of at least C to maintain life and homeostasis. This is a very fast-paced course; systems of the body, how they interact, and how they are regulated to maintain life and homeostasis. In this study of the systems of the body, how they interact, and how they are regulated to maintain life and homeostasis. Emphasis is 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 considering a career in the health field. Includes anatomical terminology, cells, tissues, and human body designed for students considering a career in the health field.

Emergency Medical Technician, Basic Clinical

EMSPC 2109102 80 Contact Hours $87
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-Montgomery

15424 EMSPC 2109102 4901 1/17/14 OFFSITE ID OFFSITE ID
Department consent required. Contact the CTE office at a LSC campus to register. Required clinical dates: 1/13 (Student Success), 1/20 (Clinical Orientation), 2/3 (Extrication Day), and 2/4 (Scenario Day); 5-10pm. Immunizations, uniforms, background check, etc. required. Must be taken concurrently with EMSP 1501-4201. For information, see lonestar.edu/ems-dept-Montgomery.htm or call 936.273.7030.

LSC-North Harris

3814 EMSPC 2100103 1001 MW 1/17/14 8:00 am-10:00 am WNSP 168
Must be taken concurrently with EMSPC 2109102 1001. Department consent required. Contact the CTE office at a LSC campus to register.

LSC-CyFair

Anatomy and Physiology II, Review

SCITC 2100081 48 Contact Hours $441
A continuation of Applied Human Anatomy and Physiology I designed for students considering a career in the health field. The following body systems are included: digestive, respiratory, cardiovascular, lymphatic/immune, renal/excretory, and reproductive. Emphasis is on homeostasis. Students will study the systems of the body, how they interact, and how they are regulated to maintain life and homeostasis. In this study of the structure and function of the human body, emphasis will be given to the study of cells and tissues and anatomical and physiological interrelationships of the skeletal, muscular, nervous and endocrine systems. This is a very fast-paced course; Designed for students with a passing grade of at least C in Human Anatomy & Physiology II (BIOL 2402).

LSC-CyFair

6571 SCITC 2100081 5001 Msu 4/10/5/12

LSC-North Harris

4646 SCITC 2100081 1001 Msu 4/10/5/12

Corporate College/Career & Technical Education

Health Science

Anatomy and Physiology I, Review

SCITC 2100701 48 Contact Hours $441
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

6568 SCITC 2100701 5001 Msu 2/19/4/7

LSC-Montgomery

5960 SCITC 2100701 4001 Msu 1/22/2/25

Instruction Type: Online

14381 SCITC 2100701 4002 Msu 3/6/4/9
Class Topic: Anatomy and Physiology I Department consent required. Contact the CTE office at a LSC campus to register. Instruction Type: Online

14386 SCITC 2100701 4003 Msu 4/24/5/28
Class Topic: Anatomy and Physiology I Department consent required. Contact the CTE office at a LSC campus to register. Instruction Type: Online

General Health Care

Microbiology (BIOL 2420).

Workplace Microbiology

SCITC 2101301 64 Contact Hours $577
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 C in Medical Microbiology (BIOL 2420).

LSC-CyFair

6575 SCITC 2101301 5001 Msu 1/22/3/31

LSC-North Harris

6454 SCITC 2101301 1001 Msu 1/22/3/31

Instruction Type: Online

1160 SCITC 2101301 1001 Msu 6/5/8/4

Instruction Type: Online
Certified Nurse Aide

Are you looking for a rewarding career?

A Certified Nurse Aide or CNA, has the most interaction with a patient. Certified Nurse Aides are responsible for assisting residents in maintaining basic comfort and safety. Jump start your career, enroll today!

For more information, email LSCCE@LoneStar.edu

Health Care Science

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
5245 MDCAC 2106003 C001 Th 1/12/18 8:00 am-12:00 pm CC 120
1030 MDCAC 2106003 C001 Th 7/20-11/16 8:00 am-12:00 pm CC 120

Clinical Medical Assistant-LEC

MDCAC 2106001 112 Contact Hours $1153

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
5241 MDCAC 2106001 C001 MSu 1/9/14
Instruction Type: Online
1029 MDCAC 2106001 C001 MSu 7/17/11
Labs will meet on Thursdays during the Summer hours. Instruction Type: Online

CPR for Healthcare Provider

EHLTC 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
4109 EHLTC 3200001 5001 W 4/5 8:00 am-11:00 am
4110 EHLTC 3200001 5002 F 4/7 9:00 am-12:00 pm
Health Occupations Orientation
ORTAC 7000000 2 Contact Hours $0
Health Occupations Orientation introduces students to the expectations of the health occupations program they have enrolled in and the career pathways available to them at LSC.

Health Professions Building
6248 ORTAC 7000000 1001 Th 1/19 8:30 am-10:30 am
Orientation for Nurse Aide No 6187.
12016 ORTAC 7000000 1005 Th 1/19 5:30 pm-7:30 pm
Orientation for Electrocardiography No 6351.
14662 ORTAC 7000000 1007 W 1/25 5:30 pm-7:30 pm
Orientation for Phlebotomy No 13743.

Health Occupations Professionalism
NURAC 2109102 24 Contact Hours $228
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. 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-CyFair
6029 NURAC 2109102 5001 MW 3/22/5/1
Instruction Type: Online

LSC-Kingwood
3716 NURAC 2109102 2001 Th 3/21/4/3 6:00 pm-10:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.
1199 NURAC 2109102 2001 MW 6/12/7/5 6:00 pm-10:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Montgomery
6048 NURAC 2109102 4001 Nsu 2/27/3/27
Instruction Type: Online
6050 NURAC 2109102 4002 Nsu 2/27/3/27
Instruction Type: Online
6051 NURAC 2109102 4003 Nsu 4/7/5/7
Instruction Type: Online
6053 NURAC 2109102 4004 Nsu 4/7/5/7
Instruction Type: Online

LSC-Tomball
4533 NURAC 2109102 3002 MW 3/22/5/1
Instruction Type: Online
4495 NURAC 2109102 3001 MW 3/22/5/1
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
7444 HITTC 2100500 1001 Th 2/21/3/23 6:00 pm-10:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.
1165 HITTC 2100500 1001 Th 7/11/8/3 6:00 pm-10:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-CyFair
4161 HITTC 2100500 5001 M 1/23/5/15 8:30 am-10:30 am
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Kingwood
3715 HITTC 2100500 2001 Th 1/24/2/16 6:00 pm-7:20 pm
Department consent required. Contact the CTE office at a LSC campus to register.
1206 HITTC 2100500 2001 Th 6/6/4/29 9:00 am-1:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Montgomery
6035 HITTC 2100500 4001 MTh 1/172/13 12:30 pm-2:30 pm
6062 HITTC 2100500 4002 MTh 3/6/4/6 12:30 pm-2:30 pm

LSC-Tomball
4485 HITTC 2100500 3001 MW 1/183/20 3:00 pm-5:00 pm $177
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
4643 NURAC 2104104 1001 Su 2/18 8:30 am-4:30 pm CMED 206
4646 NURAC 2104104 1002 Su 4/22 8:30 am-4:30 pm CMED 206

LSC-Tomball
4488 NURAC 2104104 3001 Su 1/21 8:30 am-4:30 pm E 178
4489 NURAC 2104104 3002 Su 4/1 8:30 am-4:30 pm E 178

Nurse Aide, Certified
NURAC 2100105 64 Contact Hours $496
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 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. The course explains the National Nurse Aide Assessment Program (NNAAP) Skills.

Health Professions Building
6187 NURAC 2100105 1001 TTh 1/24/23 8:30 am-12:30 pm
Patient Care Technician Cohort Pathway Department consent required. Contact the CTE office at a LSC campus to register.
6189 NURAC 2100105 1002 MTTh 2/20/23 5:30 pm-9:30 pm
Patient Care Technician Cohort Pathway Department consent required. Contact the CTE office at a LSC campus to register.
6190 NURAC 2100105 1003 MW 4/3/23 9:00 am-1:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.
1140 NURAC 2100105 1001 TTh 6/6/23 8:30 am-12:30 pm
Department consent required. Contact the CTE office at a LSC campus to register.
1142 NURAC 2100105 1002 MTTh 6/19/23 5:30 pm-9:30 pm
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Conroe Center
5981 NURAC 2100105 C003 MTh 1/17/23 8:00 am-12:00 pm CC 120
Department consent required. Contact the CTE office at a LSC campus to register.
5984 NURAC 2100105 C004 MTh 1/17/23 5:30 pm-9:30 pm
Department consent required. Contact the CTE office at a LSC campus to register.
5986 NURAC 2100105 C005 MTh 3/6/23 8:00 am-12:00 pm CC 120
Department consent required. Contact the CTE office at a LSC campus to register.
5987 NURAC 2100105 C006 MTh 3/6/23 5:30 pm-9:30 pm CC 120
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-CyFair
4131 NURAC 2100105 5001 TTh 1/17/23 8:30 am-12:30 pm HSC 105
Department consent required. Contact the CTE office at a LSC campus to register.
4138 NURAC 2100105 5002 MWF 3/20/23 5:30 pm-6:50 pm HSC 105
Department consent required. Contact the CTE office at a LSC campus to register.
4146 NURAC 2100105 5003 TTh 3/21/23 8:30 am-12:30 pm HSC 105
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Tomball
4490 NURAC 2100105 3001 MWF 3/3/23 7:00 am-7:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.
4493 NURAC 2100105 3002 MWF 5/2/23 7:00 am-7:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Victory Center
6218 NURAC 2100105 V001 TTh 5/26/23 8:00 am-5:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.

Offsite - In District
3604 NURAC 2100105 5001 MWF 2/2/23 8:00 am-5:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.
4132 NURAC 2100105 5001 MWF 2/17/23 6:00 am-6:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.
A study of the aspects of one-on-one training including marketing, program development, legal aspects, documentation, training methodologies, and business considerations. Emphasis on the development of safe and enjoyable individualized training sessions. This course is a component of the program that prepares for the National Academy of Sports Medicine.

**Personal Training**

**Exercise Science**

FITTC 2201301 48 Contact Hours $513

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**

4112 FITTC 2201301 5001 MW 1/303/29 5:00 pm-8:00 pm

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

**LSC-Montgomery**

6255 FITTC 2201301 4001 TTh 1/102/16 6:00 pm-8:00 pm MCA A202

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

6262 FITTC 2201301 4002 TTh 2/284/13 6:00 pm-8:00 pm MCA A202

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

6263 FITTC 2201301 4003 TTh 4/255/30 6:00 pm-8:00 pm MCA A202

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

1334 FITTC 2201301 4001 TTh 6/139/5 6:00 pm-8:00 pm MCA A202

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

**LSC-Tomball**

4598 FITTC 2201301 3001 T 1/245/16 9:00 am-12:00 pm E 177

**Phlebotomist**

**Phlebotomy**

PLABC 2102301 96 Contact Hours $816

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**

13743 PLABC 2102301 1002 MW 1/341/27 5:30 pm-9:30 pm HPR 210

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

6291 PLABC 2102301 1001 MW 3/205/24 9:00 am-2:00 pm

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

1151 PLABC 2102301 1003 TTh 5/26/14 9:00 am-2:00 pm

No class 7/03.17 Department consent required. Contact the CTE office at a LSC campus to register.

**LSC-Conroe Center**

6273 PLABC 2102301 C002 MW 1/241/19 5:30 pm-9:30 pm

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

**LSC-EMCID**

3608 PLABC 2102301 E001 MW 1/304/26 5:00 pm-9:00 pm

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

**LSC-Kingwood**

1202 PLABC 2102301 T001 MW 5/158/9 9:00 am-1:00 pm

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

**LSC-Tomball Health Science Bldg**

4556 PLABC 2102301 T001 TTh 1/245/13 8:30 am-2:30 pm

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**

13760 PLABC 2109100 1002 MW 4/285/25 7:00 am-7:00 pm OFFSITE

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

1150 PLABC 2109100 1051 TTh 5/256/16 7:00 am-7:00 pm

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

1153 PLABC 2109100 1053 MTh 8/1511/1 7:00 am-7:00 pm

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

Phlebotomy, Clinical
PLABC 2106001 100 Contact Hours $608
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.

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
Overview

Are you fond of food or a believer in flower power? Do you like helping others or being part of the team that executes a party or other large event? If so, take your curiosity and creativity to the next level with one of Lone Star College’s hospitality certification programs.

The hospitality industry is one of the world’s largest employers, and you can get started locally at Lone Star College, where we believe in careers, not just jobs.

We have the perfect program for you, whether you take one course for fun or several courses to earn a certification.

For more information, including course lists for each program, go to LoneStar.edu/CTE-hospitality.

Programs

**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

Linked with a credit course. See page 5 for requirements.
## Floral Design Program Orientation

**FMKTC 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**  
4281 FMKTC 7300001 3001 Th 1/12 7:00 pm-8:00 pm E 178

## 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**  
4262 FMKTC 2109113 3001 TTh 2/14/28 9:00 am-1:00 pm E 178  
4264 FMKTC 2109113 3002 TTh 2/14/28 6:00 pm-10:00 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**  
4260 FMKTC 2109112 3001 TTh 1/31/9 9:30 am-11:30 am E 178  
4261 FMKTC 2109112 3002 TTh 1/31/9 6:00 pm-8:00 pm E 178

## Current Design Styles and Techniques

**FMKTC 2109118**  
20 Contact Hours  
$344

Contemporary floral designers are combining the good points of both Western and Eastern approaches into many styles and molding them to fit modern homes and surroundings. This course will teach how to construct several of the most noteworthy and practical design styles base arrangements in clear glass, vegetative, form a linear and parallel designs. Greater profit and efficiency in both time and material will result when good design techniques are applied at the worktable on a regular basis. Good design techniques include two concepts: design principles and design mechanics. This is a course in the Texas Master Florist Certification.

**LSC-Tomball**  
4275 FMKTC 2109118 3001 TTh 4/25/9 6:00 pm-10:00 pm E 178

## 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**  
4278 FMKTC 2109120 3001 TTh 4/13/20 9:00 am-1:00 pm E 178  
4280 FMKTC 2109120 3002 TTh 4/13/20 6:00 pm-10:00 pm E 178

## Funeral Design Techniques

**FMKTC 2109116**  
20 Contact Hours  
$344

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**  
4269 FMKTC 2109116 3001 TTh 3/28/11 9:00 am-1:00 pm E 178  
4270 FMKTC 2109116 3002 TTh 3/28/11 6:00 pm-10:00 pm E 178

## 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**  
4256 FMKTC 2109111 3001 TTh 1/17/26 9:30 am-11:30 am E 178  
4258 FMKTC 2109111 3002 TTh 1/17/26 6:00 pm-8:00 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
4265 FMKTC 2109115 3001 TTh 3/23/23 9:00 am-1:00 pm E 178
4267 FMKTC 2109115 3002 TTh 3/23/23 6:00 pm-10:00 pm E 178

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 LWPI’s (Lovegivity’s Wedding Planning Institute) certification exam. PC or laptop required as tablets do not work with the online system.

LSC-North Harris
6040 BUSGC 2109124 1001 M 1/30/22 6:00 pm-9:30 pm CMED 206
1118 BUSGC 2109124 1001 M 6/5/21 6:00 pm-9:30 pm CMED 206

INSTRUCTOR RECRUITING

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:

- AutoCAD/Solid Works
- 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.

CorporateCollege@LoneStar.edu
LSCCE@LoneStar.edu
Information Technology

Overview

The Internet revolutionized the way we work, live and play. It ushered in new ways of retrieving and sharing information, both locally and globally.

Information technology is an important and growing industry, and since Lone Star College believes in careers, not just jobs, we offer a variety of training courses and program certifications.

For more information, including course listings for each program, go to LoneStar.edu/CTE-infotech

Programs

CCNA (Cisco Certified Networking Associate)  
320 hours, $960
- Introduction to Networks 80 hours, $240
- Routing and Switching Essentials 80 hours, $240
- Scaling Networks 80 hours, $240
- Connecting Networks 80 hours, $240

*Oracle DBA Certification
See Industry Certification & Exam Prep  
120 hours, $4,632

CompTIA A+ Certification
See Industry Certification & Exam Prep  
96 hours, $1,281

CompTIA NET+ Certification
Coming Fall 2017  
TBD hours, $TBD

Cisco Network Security
Coming Fall 2017  
TBD hours, $TBD

Mobile Application Development
Coming Fall 2017  
TBD hours, $TBD

Linked with a credit course. See page 5 for requirements.
* Programs Coming Fall 2017
3D Modeling
ARTVC 2104502 48 Contact Hours $657
Techniques of three-dimensional (3-D) modeling utilizing industry standard software. Includes the creation and modification of 3-D geometric shapes, use of a variety of rendering techniques, camera, light sources, texture, and surface mapping. This class is designed to show the similarities and differences between 3D programs. At the outcome, students should be able to efficiently use various types of 3D programs. Topic covered in this class will be parametric sketching, constraining, part / assembly modeling, and drafting. Programs of use are AutoCAD 3D, Autodesk Inventor and Solidworks.

LSC-Kingwood
4908 ARTVC 2104502 2001 F 2/3/31 6:30 pm to 8:30 pm QLA 106

Access I
ITSWC 2105311 16 Contact Hours $232
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
4663 ITSC 2105311 2004 Sa 4/15/19
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 281.312.1660. Call 281.312.1660 for more information. Instruction Type: Online

LSC-Tomball
4312 ITSC 2105311 3001 TTh 3/28/6 6:00 pm to 10:00 pm E 160

Access II
ITSWC 2105509 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
4672 ITSC 2105509 2004 Sa 4/15/19
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 281.312.1660. Call 281.312.1660 for more information. Instruction Type: Online

LSC-Tomball
4313 ITSC 2105509 3001 TTh 4/11/4/20 6:00 pm to 10:00 pm E 160

Administering Windows Server 2012
ITMTC 2207201 80 Contact Hours $249
This course focuses on the administration tasks necessary to maintain a Windows Server 2012 infrastructure such as: configuring and troubleshooting name resolution, user and group management with Active Directory Domain Services (AD DS) and Group Policy, implementing Remote Access solutions such as DirectAccess, VPNs and Web Application Proxy, implementing Network Policies and Network Access Protection, Data Security, deployment and maintenance of server images, as well as update management and monitoring of Windows Server 2012 environments. This course is linked to ITMT 2372.

LSC-Kingwood
13707 ITMT 2207201 2001 LIB 226
Second 8-week class. Microsoft Certified class. Students must have access to the Internet. Offered in Spring only. Instruction Type: Hybrid, In

Computer Illustration
ARTCC 2105301 80 Contact Hours $252
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 ARTC 1353. Prerequisite: College Level Readiness in Reading AND Writing.

LSC-Kingwood
7391 ARTCC 2105301 2001 MW 1/17-5/14 9:30 am to 11:50 am E 160

Configuring Adv Windows Server 2012 Services
ITMTC 2207300 80 Contact Hours $198
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
13712 ITMT 2207300 2001 LIB 226
Second 8-week class. Microsoft Certified class. Students must have access to the Internet. Instruction Type: Hybrid, Internet

Computer Systems, Introduction
ITSCC 2100628 24 Contact Hours $336
Introduction to operating systems, file creation/deletion, data entry and manipulation, automatic file execution, configuration, and directory commands. Also addressed are computer systems and their uses in today's business communities. Instruction in computer terminology, hardware, and application software. The Internet and issues surrounding its use will also be addressed.

LSC-Tomball
4288 ITSCC 2100628 3001 M-Th 1/18-1/26 8:00 am to 12:00 pm E 160
4290 ITSCC 2100628 3002 MW 3/27-4/12 6:00 pm to 10:00 pm E 160
Connecting Networks

ITCCC 2207902 80 Contact Hours $240
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
13194 ITCCC 2207902 K001 MW 3/20/14 8:00 am-9:50 am CS 113
Lab ITCCC 2207902 K002 MW 3/20/14 10:20 am-1:00 pm CS 113
Department consent required. Contact the CTE office at a LSC campus to register.

13199 ITCCC 2207902 K003 MW 3/20/14 6:00 pm-7:50 pm CS 113
Lab ITCCC 2207902 K004 MW 3/20/14 8:20 pm-11:00 pm CS 113
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Kingwood
12759 ITCCC 2207902 2001 3/20/14 1:00 pm-4:50 pm LB 226
Second 8-week class. Fourth of 4 Cisco CCNA classes. Offered in Spring only.
Students must have access to the Internet. Instruction Type: Hybrid, Internet

12764 ITCCC 2207902 2003 3/20/14 6:00 pm-8:50 pm LB 226
Second 8-week class. Fourth of 4 Cisco CCNA classes. Offered in Spring only.
Students must have access to the Internet. Instruction Type: Hybrid, Internet

Computer Programming

ITSEC 2100202 80 Contact Hours $252
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. ITSC 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 ITSC 1302. Prerequisite: ITSC or COSC 1301 (or Intro to Computer Comp), ENGL 0305, ENGL 0307, MATH 0308.

LSC-Kingwood
13731 ITSEC 2100202 2001 ADM 207
Mandatory lab on Wednesdays, 3:00-5:50 pm. Students must have access to the Internet. Instruction Type: Hybrid, Internet

13734 ITSEC 2100202 2003 ADM 207
Mandatory lab on Wednesdays, 9:00-11:50 am. Students must have access to the Internet. Instruction Type: Hybrid, Internet

Cyber Security Fundamentals

ITSYC 2100001 48 Contact Hours $657
An introduction to information security including vocabulary and terminology, ethics, the legal environment, and risk management. Identification of exposures and vulnerabilities and appropriate countermeasures are addressed. The importance of appropriate planning, policies and controls is also discussed.

LSC-CyFair
8927 ITCYF 2100001 5002 TTh 3/21/11 6:30 pm-9:30 pm

Design Communications I

ARTCC 2101701 96 Contact Hours $252
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 0307 or 0326 or 0356, or higher level course (ENGL 1301), or placement by testing.

LSC-Kingwood
7412 ARTCC 2101701 2003 1Th 1/17/14 9:30 am-11:50 am ADM 202
Instruction Type: Hybrid, Co

Digital Imaging I

ARTCC 2100202 80 Contact Hours $252
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-Kingwood
11936 ARTCC 2100202 2001 1Th 1/17/14 1:30 pm-3:50 pm ADM 204A
Understanding Pixel based artwork utilizing Adobe Photoshop for usage in photo manipulation and image creation.

12018 ARTCC 2100202 2803 1/17/14
Textbook and access to software is required. Understanding Pixel based artwork utilizing Adobe Photoshop for usage in photo manipulation and image creation.

Instruction Type: Online

LSC-North Harris
13821 ARTCC 2100202 1001 MW 1/17/14 8:30 am-9:20 am DTEC 206
All exams/assignments will be completed online Instruction Type: Hybrid, Co

Digital Publishing I

ARTCC 2101301 80 Contact Hours $252
The fundamentals of using digital layout as a primary publishing tool and the basic concepts and terminology associated with typography and page layout. This course is linked to ARTC 1313. Prerequisite: ENGL 0305 or ENGL 0316 and ENGL 0307 OR 0326 OR higher level course (ENGL 1301) or placement by testing.

LSC-Kingwood
12024 ARTCC 2101301 2001 1Th 1/17/14 9:30 am-11:50 am ADM 204A
Learn the processes and art of creating print and digital publications using Adobe InDesign, Photoshop and Illustrator.

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
4524 ITSWC 2102224 5001 TTh 4/18/27 6:00 pm-10:00 pm

Register for classes online at LoneStar.edu/CTE Questions? Email LSCCE@LoneStar.edu
### Installing and Configuring Windows Server 2012

<table>
<thead>
<tr>
<th>ITMTC</th>
<th>2207100</th>
<th>80 Contact Hours</th>
<th>$240</th>
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<tbody>
<tr>
<td>Hands on instruction and practice installing and configuring Windows Server 2012, including Windows Server 2012 R2. This course is linked to ITMTC 2371.</td>
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#### LSC-Kingwood

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<tr>
<th>13675</th>
<th>ITMTC</th>
<th>2207100</th>
<th>2001</th>
<th>LIB 226</th>
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<tbody>
<tr>
<td>First 8-week class. Microsoft Certified class. Students must have access to the Internet. Instruction Type: Hybrid, Internet</td>
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### Introduction to Networks

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<th>ITCCC</th>
<th>2107502</th>
<th>80 Contact Hours</th>
<th>$240</th>
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<tbody>
<tr>
<td>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 ITCCC 1375.</td>
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<th>2107502</th>
<th>K001</th>
<th>MW</th>
<th>1/17-3/12</th>
<th>6:00 pm-7:50 pm</th>
<th>CS 111</th>
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<tbody>
<tr>
<td>Department consent required. Contact the CTE office at a LSC campus to register.</td>
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### IT Essentials

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<th>ITSCC</th>
<th>2107101</th>
<th>80 Contact Hours</th>
<th>$240</th>
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</thead>
<tbody>
<tr>
<td>IT Essentials curriculum provides an introduction to the computer hardware and software skills needed to help meet the growing demand for entry-level Information and Communications Technology (ICT) professionals. The curriculum covers the fundamentals of computer hardware and software as well as advanced concepts such as security, networking, and the responsibilities of an ICT professional. This course is linked to ITSCC 1371.</td>
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#### LSC-Kingwood

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<tr>
<th>13727</th>
<th>ITSCC</th>
<th>2107101</th>
<th>2001</th>
<th>Th</th>
<th>1/17-5/14</th>
<th>5:00 pm-8:50 pm</th>
<th>A00 207</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mandatory lab on Thursdays, 5:00-8:50 pm. Students must have access to the Internet. This course is prep for CompTIA A+ certification exam. Instruction Type: Hybrid, In</td>
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**Logic Design**

ITSEC 2102901 80 Contact Hours $240
A disciplined approach to problem-solving with structured techniques and representation of algorithms using appropriate design tools. Discussion of methods for testing, evaluation, and documentation. Must have high school diploma, successful completion of GED or be in the early admissions program. This course is linked to COSC 1309.

**LSC-Kingwood**
13566 ITSEC 2102901 2001 ADM 207
Mandatory lab on Wednesdays from 3:00-5:50 pm. Students must have access to the Internet. Instruction Type: Hybrid, Internet

13626 ITSEC 2102901 2003 ADM 207
Mandatory lab on Wednesdays from 9:00-11:50 am. Students must have access to the Internet. Instruction Type: Hybrid, Internet

**Networking Technologies, Fundamentals**

ITNW 2102501 80 Contact Hours $252
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: ITSE or COSC 1301

**LSC-Kingwood**
13718 ITNW 2102501 2001 Th 1/17-5/14 6:30-8:50 pm ADM 201
Mandatory lab on Thursdays, 6:30-8:50 pm. Students must have access to the Internet. This course is prep for COMP/TIA Network+ exam. Instruction Type: Hybrid, Internet

13721 ITNW 2102501 2803 1/17-5/14 Instruction Type: Online

**Outlook**

ITSWC 2103001 16 Contact Hours $232
An introduction to e-mail and calendaring software as a desktop information management tool. Increase productivity with the Microsoft Outlook address/phone list, appointment/events, tasks, journals, and e-mail organizational tools. Prerequisite: Internet Basic or equivalent knowledge.

**LSC-Tomball**
4297 ITSWC 2103001 3001 M-Th 3/6-3/9 8:00 am-12:00 pm E 160

**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**
4934 ITSWC 2100302 2001 Su 1/15/19
4935 ITSWC 2100302 2002 W 2/15/19
4936 ITSWC 2100302 2003 W 3/15/19
4937 ITSWC 2100302 2004 S 4/15/19
Classes start on the 15th 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 completed registration form to 281.312.1612. Call 281.312.1660 for more information. Instruction Type: Online. 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**
4624 GRPHC 2109104 2001 Su 1/15/19
4625 GRPHC 2109104 2002 W 2/15/19
4626 GRPHC 2109104 2003 W 3/15/19
4627 GRPHC 2109104 2004 S 4/15/19
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. 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 created utilizing multimedia software. Microsoft PowerPoint is used to create dynamic presentations that incorporate special effects. Prerequisite: Windows or equivalent knowledge.

**LSC-Kingwood**
4702 ITSWC 2103702 2001 Su 1/15/19
4703 ITSWC 2103702 2002 W 2/15/19
4704 ITSWC 2103702 2003 W 3/15/19
4705 ITSWC 2103702 2004 S 4/15/19
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. 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.

**LLSC-Kingwood**
4763 ITSWC 2104102 2001 Su 1/15/19
4764 ITSWC 2104102 2002 W 2/15/19
4765 ITSWC 2104102 2003 W 3/15/19
4766 ITSWC 2104102 2004 S 4/15/19
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 the completed registration to 281.312.1612. Call 281.312.1660 for more information. Instruction Type: Online. Instruction Type: Online
Scaling Networks

ITCCC 2207802 80 Contact Hours $240
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 and resolve common issues with OSPF, EIGRP, STP, and VTP in both IPv4 and IPv6 networks. This course is linked to ITCC 1376.

LSC-Creekside Center
13182 ITCCC 2107602 K001 MW 3/205/14 6:00 pm-7:50 pm CS 111
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Kingwood
12744 ITCCC 2107602 2001 TTh 3/205/14 5:00 pm-9:50 pm UB 226
Second 8-week class. Second of 4 Cisco CCNA classes. Students must have access to the Internet.

LSC-North Harris
14552 ITCCC 2107602 1001 MW 3/205/14 5:30 pm-7:20 pm DTEC 206
Department consent required. Contact the CTE office at a LSC campus to register.
Instruction Type: Hybrid, Co

Routing and Switching Essentials

ITCCC 2107602 80 Contact Hours $240
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 ITCC 1376.

LSC-Creekside Center
13182 ITCCC 2107602 K001 MW 3/205/14 6:00 pm-7:50 pm CS 111
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Montgomery
1197 ITNWC 2109100 4001 W 5/17/24 6:00 pm-10:00 pm UC 307
Spring 2017 Non-Credit Course Catalog and Schedule

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

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 include identifying 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
1097 ITNWC 2109100 4001 W 5/17/24 6:00 pm-10:00 pm UC 307

Spreadsheets, Introduction

ITSWC 2100401 80 Contact Hours $252
Instruction in the concepts, procedures, and importance of electronic spreadsheets. Must have high school diploma, successful completion of GED or be in the early admissions program. This course is linked to ITSW 1304. Prerequisite: ITSC/COSC 1301 (or Intro to Computers Comp), ENGL 0305 or ENGL 0316 AND ENGL 0307 or 0326, OR higher level course (ENGL 1301), or placement by testing.

LSC-Kingwood
13745 ITSWC 2100401 2801 1/15/14
Students must have access to the Internet. Access your online class at www.lonestar.edu/lsc-online. 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
4919 IMEDC 2100201 2001 Su 1/15/12
4920 IMEDC 2100201 2002 W 2/15/12
4921 IMEDC 2100201 2003 W 3/15/13
4922 IMEDC 2100201 2004 Sa 4/15/10
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
Windows 7 Client Configuration 70-680
ITMTC 2107001 80 Contact Hours $249
This course provides an in-depth understanding of the Microsoft Windows 7 operating system with a specific focus on implementation and desktop support needs for the clients in a variety of stand-alone and network operating system environments. Topics covered include installation, user and group accounts, security, networking, TCP/IP, built-in applications, and advanced configuration and troubleshooting techniques. This course prepares Information Technology professionals to plan, install, configure, implement, secure, support and manage Microsoft Windows 7. This course is linked to ITMT 1370.

LSC-Kingwood
13663 ITMTC 2107001 2001 LIB 226
First 8-week class. Microsoft Certified class. Students must have access to the Internet. Offered in Spring only. Instruction Type: Hybrid, Internet

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
4773 POFIC 2102406 2001 Su 1/15/19
4774 POFIC 2102406 2002 W 2/15/19
4775 POFIC 2102406 2003 W 3/15/19
4776 POFIC 2102406 2004 Su 4/15/19
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. Instruction Type: Online

LSC-Tomball
4315 POFIC 2102406 3001 TTh 4/25-5/4 6:00 pm-10:00 pm E 160

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
4791 POFIC 2104202 2001 Su 1/15/19
4792 POFIC 2104202 2002 Su 2/15/19
4793 POFIC 2104202 2003 W 3/15/19
4794 POFIC 2104202 2004 Su 4/15/19
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. Instruction Type: Online

LSC-Tomball
4316 POFIC 2104202 3001 TTh 5/9-5/18 6:00 pm-10:00 pm E 160

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-Creekside Center
5628 ITSEC 2109151 K001 W 3/22-5/10 6:00 pm-10:00 pm
LSC-Kingwood
4887 ITSEC 2109151 2001 Sa 4/1-4/22 1:00 pm-5:00 pm CLA 106
Instruction Type: Hybrid, Internet

LSC-Montgomery
5706 ITSEC 2109151 4001 T 5/25/16 6:00 pm-9:00 pm UC 307

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
5702 ITSEC 2109150 4001 W 3/22-4/12 6:00 pm-10:00 pm UC 307
Overview

If you are a natural leader who wants to serve and protect your community, you might be a great fit for a public safety career. Lone Star College offers Career and Technical Education programs to help you get your certification for careers that are both fast-paced and rewarding.

With a career in public safety, you could work in law enforcement, corrections or security. You could also have a career as a police officer, a deputy sheriff, a security guard, or as an emergency medical first responder.

At Lone Star College, you will learn specialized skills specific to your field, whether it be understanding penal codes, writing proper reports, assessing the medical needs of a patient, or performing essential medical care. In addition, Lone Star College will prepare you to take your required basic emergency medical technician or Texas Commission on Law Enforcement (TCOLE) examinations so you can enter the workforce.

Programs

Emergency Medical Technician (EMT), Basic

See Health Science

Law Enforcement Officer (TCOLE) Certification

<table>
<thead>
<tr>
<th>Program</th>
<th>Hours</th>
<th>Cost</th>
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<tbody>
<tr>
<td>Basic Peace Officer I</td>
<td>175</td>
<td>$733</td>
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<tr>
<td>Basic Peace Officer II</td>
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<td>Basic Peace Officer III</td>
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</tr>
<tr>
<td>Basic Peace Officer IV</td>
<td>175</td>
<td>$733</td>
</tr>
</tbody>
</table>

For more information, including course listings for each program, go to LoneStar.edu/LEA. You can also call 281.290.5025.

🔗 Linked with a credit course. See page 5 for requirements.
Basic Peace Officer I
CJLEC 2100602  175 Contact Hours  $733
Basic preparation for a new peace officer. Should be taken in conjunction with Basic Peace Officer II, III, IV, and V (supplement) to satisfy the Texas Commission on Law Enforcement approved Basic Peace Officer Academy. ***THIS COURSE MAY BE OFFERED ONLY BY INSTITUTIONS LICENSED AS A POLICE ACADEMY BY Texas Commission on Law Enforcement.***

LSC-University Park
2990 CJLEC 2100602 6001 M-Th 1/17/22 7:00 am-4:15 pm  UP12 116
Full time class cohort w/ 1.15 hr lunch. Department consent required. Contact the CTE office at a LSC campus to register.

3007 CJLEC 2100602 6002 M 1/17/4/10 8:00 am-5:00 pm  UP12 130
Part time FF class w/ 1 hr lunch. Department consent required. Contact the CTE office at a LSC campus to register.

3014 CJLEC 2100602 6003 Th 1/17/4/10 8:00 am-5:00 pm  UP12 130
Part time FF class w/ 1 hr lunch. Department consent required. Contact the CTE office at a LSC campus to register.

1065 CJLEC 2100602 6001 M-Th 7/13/22 7:00 am-4:15 pm  UP12 116
Full time class cohort w/1.15 hr. lunch. Department consent required. Contact the CTE office at a LSC campus to register.

1066 CJLEC 2100602 6002 M-Th 7/13/10/2 6:00 pm-10:00 pm  UP12 116
Part time night class cohort. Department consent required. Contact the CTE office at a LSC campus to register.

Basic Peace Officer II
CJLEC 2101202  175 Contact Hours  $733
Basic preparation for a new peace officer. Should be taken in conjunction with Basic Peace Officer I, III, & IV to satisfy the Texas Commission on Law Enforcement approved Basic Peace Officer Training Academy. ***THIS COURSE MAY BE OFFERED ONLY BY INSTITUTIONS LICENSED AS A POLICE ACADEMY BY Texas Commission on Law Enforcement.***

LSC-University Park
2994 CJLEC 2101202 6001 M-Th 2/23/4/10 7:00 am-4:15 pm  UP12 116
Full time class cohort with 1.15 hr lunch. Department consent required. Contact the CTE office at a LSC campus to register.

3010 CJLEC 2101202 6002 M 4/11/6/26 8:00 am-5:00 pm  UP12 130
Part time FF class w/1 hr. lunch. Department consent required. Contact the CTE office at a LSC campus to register.

3017 CJLEC 2101202 6003 Th 4/11/6/26 8:00 am-5:00 pm  UP12 130
Part time FF class w/1 hr. lunch. Department consent required. Contact the CTE office at a LSC campus to register.

Basic Peace Officer III
CJLEC 2101802  175 Contact Hours  $733
Basic preparation for a new peace officer. Should be taken in conjunction with Basic Peace Officer I, II, IV, and V (supplement) to satisfy the Texas Commission on Law Enforcement approved Basic Peace Officer Academy. ***THIS COURSE MAY BE OFFERED ONLY BY INSTITUTIONS LICENSED AS A POLICE ACADEMY BY Texas Commission on Law Enforcement.***

LSC-University Park
2999 CJLEC 2101802 6001 M-Th 4/11/5/17 7:00 am-4:15 pm  UP12 116
Full time class cohort with 1.15 hr. lunch. Department consent required. Contact the CTE office at a LSC campus to register.

1067 CJLEC 2101802 6001 M 6/27/9/13 8:00 am-5:00 pm  UP12 130
Part time FF class w/ 1 hr. lunch. Department consent required. Contact the CTE office at a LSC campus to register.

1068 CJLEC 2101802 6002 Th 6/27/9/12 8:00 am-5:00 pm  UP12 130
Part time FF class w/ 1 hr. lunch. Department consent required. Contact the CTE office at a LSC campus to register.

Basic Peace Officer IV
CJLEC 2102402  175 Contact Hours  $733
Basic preparation for a new peace officer. Should be taken in conjunction with Basic Peace Officer I, II, III, and V (supplement) to satisfy the Texas Commission on Law Enforcement approved Basic Peace Officer Training Academy. ***THIS COURSE MAY BE OFFERED ONLY BY INSTITUTIONS LICENSED AS A POLICE ACADEMY BY Texas Commission on Law Enforcement.***

LSC-University Park
1069 CJLEC 2102402 6001 M-Th 5/18/6/29 7:00 am-4:15 pm  UP12 116
Full time class cohort w/ 1.15 hr. lunch. Department consent required. Contact the CTE office at a LSC campus to register.

Introduction to Criminal Justice
CRJC 3100101  48 Contact Hours  $237
This course provides a historical and philosophical overview of the American criminal justice system, including the nature, extent, and impact of crime; criminal law; and justice agencies and processes. This course is linked to CRJC 1301.

LSC-Kingwood
12355 CRJC 3100101  2801 1/17/5/14
Instruction Type: Online

Information Sessions for the Law Enforcement Academy
Are you looking for a successful Law Enforcement Academy program? Are you looking for more information about basic peace officer training? Join us for an information session with a question and answer opportunity with our law enforcement experts. Registration is not required. All information sessions will be held at Lone Star College-University Park, Building 12 Room 111.

March 30, 2017  10:00 a.m. – Noon
March 30, 2017  2:00 – 4:00 p.m.
April 13, 2017  10:00 a.m. – Noon
April 13, 2017  2:00 – 4:00 p.m.
April 27, 2017  10:00 a.m. – Noon
April 27, 2017  2:00 – 4:00 p.m.
Overview

People who work in the transportation, distribution, and logistics industry are responsible for managing the flow of goods, material, information and people between a point of origin and a point of consumption. This growing career sector includes air, rail, water and truck transportation, urban transit and ground passenger transportation, warehousing and storage, and motor vehicle repair.

Through Lone Star College’s Career and Technical Education programs, you can become a professional truck driver, automotive technician, diesel technician or become certified in logistics.

As an additional opportunity Lone Star College offers a separate professional truck driver program in an intensive 3-week format that guarantees employment to those who successfully complete and meet the eligibility requirements.

Schedule an orientation today to see which Professional Truck Driver (CDL) program is best for you! For more information, call 281.765.7750.

Programs

<table>
<thead>
<tr>
<th>Program</th>
<th>Hours</th>
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<td>Automotive Technology, Introduction</td>
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<td>Automotive Electrical Systems</td>
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<td>Professional Truck Driver II</td>
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<tr>
<td>Commercial Drivers License Exam Preparation</td>
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<td>$248</td>
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</table>

Linked with a credit course. See page 5 for requirements.
Automotive Brake Systems
AUMTC 2101001 112 Contact Hours $326
Operation and repair of drum/disk type brake systems. Emphasis on safe use of modern equipment. Topics include break theory, diagnosis and repair of power, manual, anti-lock brake systems, and parking brakes. May be taught manufacturer specific. Must have high school diploma, successful completion of GED or be in the early admissions program. Prerequisite: Automotive Electrical Systems.

LSC-North Harris
14534 AUMTC 2101001 1003 MW 1/17/14 8:30 am-9:20 am AUTC 128 Registration requires online application and departmental approval. To apply go to http://fs4.formsite.com/sheclay/form4/index.html. To register see advisors in AT102. Department consent required. Contact the CTE office at a LSC campus to register. Instruction Type: Hybrid, Internet
14529 AUMTC 2101001 1001 TTh 1/17/14 8:00 am-8:50 am AUTC 128 Registration requires online application and departmental approval. To apply go to http://fs4.formsite.com/sheclay/form4/index.html. To register see advisors in AT102. Department consent required. Contact the CTE office at a LSC campus to register. Instruction Type: Hybrid, Internet

Automotive Electrical Systems
AUMTC 2100701 112 Contact Hours $326
An overview of automotive electrical systems including topics in operational theory, testing, diagnosis, and repair of batteries, charging and starting systems, and electrical accessories. Emphasis on electrical schematic diagrams and service manuals. May be taught manufacturer specific. Must have high school diploma, successful completion of GED or be in the early admissions program. This course is linked to AUMT 1407.

LSC-North Harris
14515 AUMTC 2100701 1001 1/17/14 AUTC 125 Registration requires online application and departmental approval. To apply go to http://fs4.formsite.com/sheclay/form4/index.html. To register see advisors in AT102. Department consent required. Contact the CTE office at a LSC campus to register. Instruction Type: Hybrid, Internet
14520 AUMTC 2100701 1003 TTh 1/17/14 1:00 pm-1:50 pm AUTC 125 Registration requires online application and departmental approval. To apply go to http://fs4.formsite.com/sheclay/form4/index.html. To register see advisors in AT102. Department consent required. Contact the CTE office at a LSC campus to register. Instruction Type: Hybrid, Internet

Automotive Technology, Introduction
AUMTC 2100501 112 Contact Hours $326
An introduction to the automotive industry including automotive history, safety practices, shop equipment and tools, vehicle subsystems, service publications, fasteners, professional responsibilities, and automotive maintenance. May be taught manufacturer specific. Must have high school diploma, successful completion of GED or be in the early admissions program. This course is linked to AUMT 1405.

LSC-North Harris
14490 AUMTC 2100501 1001 MW 1/17/14 8:00 am-8:50 am AUTC 125 Registration requires online application and departmental approval. To apply go to http://fs4.formsite.com/sheclay/form4/index.html. To register see advisors in AT102. Department consent required. Contact the CTE office at a LSC campus to register. Instruction Type: Hybrid, Internet
14494 AUMTC 2100501 1003 TTh 1/17/14 8:30 am-9:20 am AUTC 125 Registration requires online application and departmental approval. To apply go to http://fs4.formsite.com/sheclay/form4/index.html. To register see advisors in

Commercial Drivers License Written Skills
CVOPC 2100500 64 Contact Hours $929
Overview of the State of Texas Class A Commercial Drivers License written test. In depth coverage of air brakes, combination vehicle, double and triples, tankers and hazardous materials. Includes preparation for mastery of the Commercial Drivers License written examination. Textbooks, license and permit fees are not included in the cost of the course. 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. 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.

Offsite - In District
4945 CVOPC 2100500 1050 MF 1/23/2 7:00 am-4:30 pm TRANS INST 102 Department consent required. Contact the CTE office at a LSC campus to register.
4962 CVOPC 2100500 1052 SaSu 1/28/2 7:00 am-5:00 pm TRANS INST 102 Department consent required. Contact the CTE office at a LSC campus to register.
5041 CVOPC 2100500 1054 MF 2/22/3 7:00 am-4:30 pm TRANS INST 100 Department consent required. Contact the CTE office at a LSC campus to register.
5096 CVOPC 2100500 1060 SaSu 3/24/2 7:00 am-5:00 pm TRANS INST 102 Department consent required. Contact the CTE office at a LSC campus to register.
5058 CVOPC 2100500 1056 MF 3/27/4 7:00 am-4:30 pm TRANS INST 102 Department consent required. Contact the CTE office at a LSC campus to register.
5074 CVOPC 2100500 1058 MF 4/26/5 7:00 am-4:30 pm TRANS INST 102 Department consent required. Contact the CTE office at a LSC campus to register.
1045 CVOPC 2100500 1062 MF 5/24/2 7:00 am-4:30 pm TRANS INST 102 Department consent required. Contact the CTE office at a LSC campus to register.
4946 CVOPC 2100500 1064 SaSu 6/3/25 7:00 am-5:00 pm TRANS INST 102 Department consent required. Contact the CTE office at a LSC campus to register.
4947 CVOPC 2100500 1066 MF 6/26/7 7:00 am-4:30 pm TRANS INST 102 Department consent required. Contact the CTE office at a LSC campus to register.
4948 CVOPC 2100500 1068 MF 7/31/8 7:00 am-4:30 pm TRANS INST 102 Department consent required. Contact the CTE office at a LSC campus to register.
4949 CVOPC 2100500 1070 SaSu 8/19/9 7:00 am-5:00 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 $1153
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.

Offsite - In District
4949 CVOPC 2101300 1050 MF 2/23/1 7:00 am-4:30 pm TRANS INST 102 Department consent required. Contact the CTE office at a LSC campus to register.
4966 CVOPC 2101300 1052 SaSu 2/19/7 7:00 am-7:00 pm TRANS INST 102 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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**Offsite - In District**

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<td>7:00 am-5:00 pm</td>
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**Commercial Driver's 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.

**Offsite - In District**

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<td>Commercial Driver's License Exam Preparation</td>
<td>6/25-9/9</td>
<td>7:00 am-5:00 pm</td>
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**Professional Truck Driver I**

CVOPC 1101301 | 80 Contact Hours | $0 |

Overview of the State of Texas Class A Commercial Driver’s License written test. Includes preparation for mastery of the Commercial Driver’s License written examination, general truck driving skills with hands-on skill 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, and road test. The purpose of the Commercial Driver’s License is to certify basic skills in actually operating a commercial vehicle. Professional Truck Driver I Permit A and Professional Truck Driver II Permit A must be taken concurrently.

LSC-North Harris

CVOPC 1101301 | 1179 | 7:30 am-5:30 pm |

Department consent required. Contact the CTE office at a LSC campus to register.
Register for classes online at LoneStar.edu/CTE     Questions? Email LSCCE@LoneStar.edu

Career & Technical Education

Offsite - In District

1087 CVOPC 1101301 1196 MF 7/24-8/4 7:30 am-5:30 pm TRANS INST 101 Department consent required. Contact the CTE office at a LSC campus to register.

Professional Truck Driver II

CVOPC 1104001 1179 MF 1/24-2/4 7:30 am-5:30 pm TRANS INST 101 Department consent required. Contact the CTE office at a LSC campus to register.

CVOPC 1105001 1180 MF 1/24-2/4 7:30 am-5:30 pm TRANS INST 101 Department consent required. Contact the CTE office at a LSC campus to register.

CVOPC 1106001 1181 MF 1/24-2/4 7:30 am-5:30 pm TRANS INST 101 Department consent required. Contact the CTE office at a LSC campus to register.

CVOPC 1107001 1182 MF 1/24-2/4 7:30 am-5:30 pm TRANS INST 101 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.

Career & Technical Education

Course Descriptions

Transportation, Distribution & Logistics

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

CVOPC 1101301 1177 MF 7/31-8/11 7:30 am-5:30 pm TRANS INST 101 Department consent required. Contact the CTE office at a LSC campus to register.

CVOPC 1101301 1178 MF 7/31-8/11 7:30 am-5:30 pm TRANS INST 101 Department consent required. Contact the CTE office at a LSC campus to register.

CVOPC 1101301 1179 MF 7/31-8/11 7:30 am-5:30 pm TRANS INST 101 Department consent required. Contact the CTE office at a LSC campus to register.

CVOPC 1101301 1180 MF 7/31-8/11 7:30 am-5:30 pm TRANS INST 101 Department consent required. Contact the CTE office at a LSC campus to register.

CVOPC 1101301 1181 MF 7/31-8/11 7:30 am-5:30 pm TRANS INST 101 Department consent required. Contact the CTE office at a LSC campus to register.

CVOPC 1101301 1182 MF 7/31-8/11 7:30 am-5:30 pm TRANS INST 101 Department consent required. Contact the CTE office at a LSC campus to register.

CVOPC 1101301 1183 MF 7/31-8/11 7:30 am-5:30 pm TRANS INST 101 Department consent required. Contact the CTE office at a LSC campus to register.

CVOPC 1101301 1184 MF 7/31-8/11 7:30 am-5:30 pm TRANS INST 101 Department consent required. Contact the CTE office at a LSC campus to register.

CVOPC 1101301 1185 MF 7/31-8/11 7:30 am-5:30 pm TRANS INST 101 Department consent required. Contact the CTE office at a LSC campus to register.

CVOPC 1101301 1186 MF 7/31-8/11 7:30 am-5:30 pm TRANS INST 101 Department consent required. Contact the CTE office at a LSC campus to register.

CVOPC 1101301 1187 MF 7/31-8/11 7:30 am-5:30 pm TRANS INST 101 Department consent required. Contact the CTE office at a LSC campus to register.

CVOPC 1101301 1188 MF 7/31-8/11 7:30 am-5:30 pm TRANS INST 101 Department consent required. Contact the CTE office at a LSC campus to register.

CVOPC 1101301 1189 MF 7/31-8/11 7:30 am-5:30 pm TRANS INST 101 Department consent required. Contact the CTE office at a LSC campus to register.

CVOPC 1101301 1190 MF 7/31-8/11 7:30 am-5:30 pm TRANS INST 101 Department consent required. Contact the CTE office at a LSC campus to register.

CVOPC 1101301 1191 MF 7/31-8/11 7:30 am-5:30 pm TRANS INST 101 Department consent required. Contact the CTE office at a LSC campus to register.

CVOPC 1101301 1192 MF 7/31-8/11 7:30 am-5:30 pm TRANS INST 101 Department consent required. Contact the CTE office at a LSC campus to register.

CVOPC 1101301 1193 MF 7/31-8/11 7:30 am-5:30 pm TRANS INST 101 Department consent required. Contact the CTE office at a LSC campus to register.

CVOPC 1101301 1194 MF 7/31-8/11 7:30 am-5:30 pm TRANS INST 101 Department consent required. Contact the CTE office at a LSC campus to register.

CVOPC 1101301 1195 MF 7/31-8/11 7:30 am-5:30 pm TRANS INST 101 Department consent required. Contact the CTE office at a LSC campus to register.

CVOPC 1101301 1196 MF 7/31-8/11 7:30 am-5:30 pm TRANS INST 101 Department consent required. Contact the CTE office at a LSC campus to register.

CVOPC 1101301 1197 MF 7/31-8/11 7:30 am-5:30 pm TRANS INST 101 Department consent required. Contact the CTE office at a LSC campus to register.

CVOPC 1101301 1198 MF 7/31-8/11 7:30 am-5:30 pm TRANS INST 101 Department consent required. Contact the CTE office at a LSC campus to register.

CVOPC 1101301 1199 MF 7/31-8/11 7:30 am-5:30 pm TRANS INST 101 Department consent required. Contact the CTE office at a LSC campus to register.

CVOPC 1101301 1200 MF 7/31-8/11 7:30 am-5:30 pm TRANS INST 101 Department consent required. Contact the CTE office at a LSC campus to register.

CVOPC 1101301 1201 MF 7/31-8/11 7:30 am-5:30 pm TRANS INST 101 Department consent required. Contact the CTE office at a LSC campus to register.

CVOPC 1101301 1202 MF 7/31-8/11 7:30 am-5:30 pm TRANS INST 101 Department consent required. Contact the CTE office at a LSC campus to register.

CVOPC 1101301 1203 MF 7/31-8/11 7:30 am-5:30 pm TRANS INST 101 Department consent required. Contact the CTE office at a LSC campus to register.

CVOPC 1101301 1204 MF 7/31-8/11 7:30 am-5:30 pm TRANS INST 101 Department consent required. Contact the CTE office at a LSC campus to register.

CVOPC 1101301 1205 MF 7/31-8/11 7:30 am-5:30 pm TRANS INST 101 Department consent required. Contact the CTE office at a LSC campus to register.
Course Descriptions
Spring 2017  Non-Credit Course Catalog and Schedule
Transportation, Distribution & Logistics

Suspension and Steering
AUMTC  2101601  112 Contact Hours  $326
The course covers the theory and operation of automotive suspension and steering systems including tire and wheel problem diagnosis, component repair, and alignment procedures. May be taught manufacturer specific. This course is linked to AUMT 1416. Student must have high school diploma, successful completion of GED or be in the early admissions program. Prerequisite: Automotive Electrical Systems.

LSC-North Harris
14588 AUMTC  2101601  1003 MW  1/17-5/14  1:00 pm-1:50 pm  APTC 128
Registration requires online application and departmental approval. To apply go to http://fs4.formsite.com/sheclay/form4/index.html. To register see advisors in AT102. Department consent required. Contact the CTE office at a LSC campus to register. Instruction Type: Hybrid, Internet

14584 AUMTC  2101601  1001 TTh  1/17-5/14  12:30 pm-1:20 pm  APTC 128
Registration requires online application and departmental approval. To apply go to http://fs4.formsite.com/sheclay/form4/index.html. To register see advisors in AT102. Department consent required. Contact the CTE office at a LSC campus to register. Instruction Type: Hybrid, Internet

Lone Star Corporate College offers a professional truck driver program in an intensive 3-week format that guarantees employment to those who successfully complete and meet the eligibility requirements. Schedule an orientation today to see which Professional Truck Driver (CDL) program is best for you!

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

Participants will learn the skills needed to become a professional truck driver, including pre-trip inspection, basic control skills, backing, and city street/highway driving. This program satisfies the requirements set by the Texas Department of Public Safety!

For more information contact:
Lorie Qualls
281.765.7751
Lorie.W.Qualls@LoneStar.edu
Overview

Lone Star College's Career and Technical Education industry certification prep programs can help you stand out to current or potential employers because you will be trained and certified by the highest industry standards.

For more information, including course lists for each program, go to LoneStar.edu/Industry-Certification-Prep

Linked with a credit course. See page 5 for requirements.

* Programs Coming Fall 2017

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Programs

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* Linked with a credit course. See page 5 for requirements.

For more information, including course lists for each program, go to LoneStar.edu/Industry-Certification-Prep

Programs Coming Fall 2017
Lean Six Sigma Black Belt Certification
BMGTC  1109150  62 Contact Hours  $3324
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
5496  BMGTC  1109150  6001  TTh  1/31/3/20  6:30 pm-9:30 pm  UPEAN 210
Instruction Type: Hybrid, Internet

Lean Six Sigma Green Belt Certification
BMGTC  1109151  57 Contact Hours  $1918
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
8064  BMGTC  1109151  6001  MW  1/30/3/29  6:30 pm-9:30 pm  UPEAN 210
Instruction Type: Hybrid, Internet

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
5469  BMGXC  5000134  6001  MW  2/6/3/10  8:00 am-5:00 pm
Instruction Type: Hybrid, Internet
5476  BMGXC  5000134  6002  MW  4/17/4/21  8:00 am-5:00 pm
Instruction Type: Hybrid, Internet

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. Preparations for the WWPI’s (Lovegavity’s Wedding Planning Institute) certification exam. PC or laptop required as tablets do not work with the online system.

LSC-North Harris
6040  BUSGC  2109124  1001  M  1/30/22  6:00 pm-9:30 pm  CANED 206
1118  BUSGC  2109124  1001  M  6/5/21  6:00 pm-9:30 pm  CANED 206

Welding Inspector Preparation Part I
NDTEC  1201102  48 Contact Hours  $657
Welding fundamentals, welding inspection and code interpretation in preparation for the certified welding inspector examination. General principles of welding inspection including welding processes, terms and definitions, welding discontinuities, duties and responsibilities of inspectors, destructive and nondestructive testing, quality assurance/quality control, welding codes and blueprints, procedures, and case studies. An overview of welding tools and equipment, metallurgy, chemistry, and joint design.

LSC-Conroe Center
6653  NDTEC  1201102  0001  MTh  1/12/23  6:00 pm-10:00 pm
6655  NDTEC  1201102  0002  MTh  5/4/6/12  6:00 pm-10:00 pm

Welding Inspector Preparation Part II
NDTEC  1201103  48 Contact Hours  $657
Welding fundamentals, welding inspection and code interpretation in preparation for the certified welding inspector examination. General principles of welding inspection including welding processes, terms and definitions, welding discontinuities, duties and responsibilities of inspectors, destructive and nondestructive testing, quality assurance/quality control, welding codes and blueprints, procedures, and case studies. An overview of welding tools and equipment, metallurgy, chemistry, and joint design.

LSC-Conroe Center
6679  NDTEC  1201103  0001  MTh  2/27/13  6:00 pm-10:00 pm

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
8555  TESTC  8900123  6001  W  2/1  9:00 am-10:00 am  UPEAN 143
8583  TESTC  8900123  6003  W  3/1  9:00 am-10:00 am  UPEAN 143
8585  TESTC  8900123  6004  W  3/29  9:00 am-10:00 am  UPEAN 143
8570  TESTC  8900123  6002  W  4/19  9:00 am-10:00 am  UPEAN 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
8572 TESTC 8900121 6001 W 2/1 10:00 am-11:00 am UP-EMI 143
8588 TESTC 8900121 6003 W 3/3 10:00 am-11:00 am UP-EMI 143
8592 TESTC 8900121 6004 W 3/29 10:00 am-11:00 am UP-EMI 143
8575 TESTC 8900121 6002 W 4/19 10:00 am-11:00 am UP-EMI 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
8577 TESTC 8900122 6001 W 2/1 11:00 am-12:00 pm UP-EMI 143
8580 TESTC 8900122 6003 W 3/3 11:00 am-12:00 pm UP-EMI 143
8581 TESTC 8900122 6004 W 3/29 11:00 am-12:00 pm UP-EMI 143
8578 TESTC 8900122 6002 W 4/19 11:00 am-12:00 pm UP-EMI 143

OFFICE ACCOUNTING

Begin a satisfying career!
Accounting Assistant/Bookkeeper
If you have a knack for numbers and want to contribute to the bottom-line success of a company or organization, consider training to become an accounting assistant. Training includes computer fundamentals, beginning and intermediate Excel spreadsheet training, accounting functions and fundamentals, training in QuickBooks, and essential accounting software applications.

For more information, go to LoneStar.edu/CTE.
Overview

Update your skills, discover a new talent, or chart a new career path at your own pace in the comfort of your own home or office. Online courses start at only $104 per course and can be taken through Lone Star College, Champions School of Real Estate, or through ed2go.

See the following pages for a list of available courses and information on how to register.

Linked with a credit course. See page 5 for requirements.
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.

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 Complete
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, Review
Anatomy and Physiology II, Review
Art Appreciation
AutoCAD, Advanced
AutoCAD, Intermediate
AutoCAD, Introduction
Business Communications
Business Ethics
Business Law I
Business Principles
Clinical Teaching
Communication Skills for Managers
Components of Special Education
Computer Illustration
Creating Successful Classrooms
Design Communications I
Digital Imaging I
Digital Publishing I
Emergency Services Districts’ Practices
Employee Performance Review
Excel Complete
Excel I
Excel II
Federal Income Tax, Individual
Federal Income Tax, Partnerships/Corporations
Fitness and Wellness
Generalist Teacher Preparation
Google Sketchup

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
MCAS Exam (Access)
MCAS Exam (Excel)
MCAS Exam (PowerPoint)
MCAS Exam (Word)
Nitrous Oxide Sedation Monitoring
Pedagogy and Professional Responsibilities (PPR)
Personal Finance
Photoshop I
Photoshop II
PowerPoint Complete
PowerPoint I
PowerPoint II
Problem Solving
Professionalism in the Workplace
Project Scheduling using MS Project
Public Budgets & Management
Small Business Management
Spanish I, Beginning
Spanish II, Beginning
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 281.290.5991.
ed2go Featured Courses

View the complete course catalog online at ed2go.com/LoneStar.

Basic Computer Literacy
- Computer Skills for the Workplace
- Linux
- Keyboarding
- Navigating the Internet

Business Communication & Leadership
- Achieving Success with Difficult People
- Building Teams That Work
- Interpersonal Communication
- Keys to Effective Communication
- Leadership

Business Fundamentals
- Business Applications
- Business Fundamentals
- Supervision and Management
- Technical Writing
- Total Quality Fundamentals

Business Writing
- Business and Marketing Writing
- Resume Writing Workshop
- Writing Great Technical Documents

Certification Prep
- CompTIA A+ Certification Prep
- Microsoft Windows Certification Prep

Children, Parents and Family
- Assisting Aging Parents
- Everyday Math
- Genealogy Basics
- Guiding Kids on the Internet
- Handling Medical Emergencies
- Homeschooling
- Ready, Set, Read!
- Understanding Adolescents

Computer Programming
- Alice 2.0 Programming
- ASP.NET
- C# Programming
- C++ Programming
- Java Programming
- Perl Programming
- PHP and MySQL
- Python Programming
- Ruby Programming
- Visual Basic

Creative Writing
- Fiction Writing
- Forensic Science for Writers
- Grammar Refresher
- Internet Writing Markets
- Journaling
- Mystery Writing
- Pleasures of Poetry
- Research Methods for Writers
- Romance Writing
- 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
- Making Movies with Windows XP
- Photoshop Elements
- Secrets of Better Photography

Finance and Personal Wealth
- Debt Elimination Techniques That Work
- Getting 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
- Certificate in Bioenergy and Spiritual Healing
- CPR
- Healing Through Hypnosis
- Human Anatomy and Physiology
- Luscious, Low-Fat, Lighting-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
- Workplace Microbiology

HTML Courses
- Creating User Requirements Documents
- Creating Web Pages
- CSS and XHTML
- Designing Effective Websites
- Resume Writing Workshop
- Twelve Steps to a Successful Job Search

Languages
- Braille Transcription
- Conversational French
- Conversational Japanese
- Instant Italian
- Spanish in the Classroom
- Speed Spanish

Law and Legal
- Business Law for the Small Business Owner
- Constitutional Law: Bill of Rights
- 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
- CorelDRAW X3
- Dreamweaver
- Excel
- Flash
- FrontPage
- Illustrator
- Microsoft Office Accounting Professional
- Microsoft Project
- Microsoft Publisher
- Microsoft Visio
- Outlook
- Performing Payroll
- Photoshop
- PowerPoint
- What’s New in Microsoft Office
- Windows Vista
- 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
- Getting 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
English for Speakers of Other Languages

About ESL Programs

Lone Star College offers a wide variety of ESOL programs to meet the diverse needs of the community. Classes are offered during the day, at night, and on weekends.

Requirements

- See an Advisor or Program Coordinator at a campus.
- Take a placement test (may not apply to all students)

Available Programs

- English for Workplace & Everyday Life: Designed to help students with reading, writing, speaking and listening skills. Courses are designed for professionals preparing to enter the workforce.
- Basic English Skills: Designed for learners with low literacy level who have little or no English learning background. These courses are free to students who qualify.
- Academic Preparation: Designed for academically bound students.

For additional information, contact a campus near you or go to LoneStar.edu/esol-ce.

Linked with a credit course. See page 5 for requirements.

Acerca de los Programas

Lone Star College ofrece una amplia variedad de programas de ESOL para satisfacer las necesidades de la comunidad local. Nosotros ofrecemos clases durante el día, la noche, los fines de semana y en línea.

Requisitos

- Pongase en contacto con el departamento de Educación Continua y pida hablar con un consejero académico de ESOL.
- Para determinar su nivel de inglés usted deberá tomar un examen (Quizás este examen no se aplique a todos los estudiantes)

Programas Disponibles

- Inglés para el Trabajo y para la Vida Diaria: Estos cursos están diseñados para ayudarle con la lectura, la escritura y la conversación en inglés. Los cursos del departamento de Educación Continua se dirigen a estudiantes quienes se están preparando para ingresar a las carreras vocacionales técnicas.
- Inglés Básico: Estos cursos de inglés están dirigidos a los estudiantes que tienen muy poco o ningún conocimiento del idioma inglés. Estos cursos gratuitos están disponibles para los estudiantes que califiquen para el programa.
- Preparación Académica: Los cursos de ESOL académico están dirigidos para los estudiantes que quieren inscribirse en la universidad.

Para más información, hay que ponerse en contacto con el colegio donde quiere tomar el curso.
Free Information Sessions Available for English for Speakers of Other Languages (ESOL)

Lone Star College offers a wide variety of ESOL programs to meet the diverse needs of the community. Join us at one of our many information sessions to discovery options for free training (based on eligibility), scheduled course dates and Q&A.

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<td>January 9, 2017</td>
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<tr>
<td>March 28, 2017</td>
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Contact your campus Career & Technical office for additional information sessions not listed below.

Academic Preparation

ESOL Grammar I
ESOLC 3000801  64 Contact Hours  $213
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
14110 ESOLC 3000801 5001
Department consent required. Contact the CTE office at a LSC campus to register. Students must also enroll in ESOL.0381.5B01, ESOL.0371.5B01 and ESOL.0361.5B01.
14116 ESOLC 3000801 5003
Department consent required. Contact the CTE office at a LSC campus to register.
14121 ESOLC 3000801 5005
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Kingwood
8299 ESOLC 3000801 2210  TTh 1/17/14  8:30 am-10:20 am  UB 201

LSC-North Harris
14745 ESOLC 3000801 1201  TTh 1/17/14  8:00 am-9:50 am
Department consent required. Contact the CTE office at a LSC campus to register.
14750 ESOLC 3000801 1203  TTh 1/17/14  10:00 am-11:50 am
Department consent required. Contact the CTE office at a LSC campus to register.
14752 ESOLC 3000801 1401  TTh 1/17/14  6:00 pm-7:50 pm
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Tomball
13017 ESOLC 3000801 3001  TTh 1/30/14  7:40 pm-9:40 pm  S 205
Department consent required. Contact the CTE office at a LSC campus to register.

ESOL Grammar II
ESOLC 3000802  64 Contact Hours  $213
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.

LSC-CyFair
14128 ESOLC 3000802 5001
Department consent required. Contact the CTE office at a LSC campus to register. Students must also enroll in ESOL.0382.5B01, ESOL.0372.5B01 and ESOL.0362.5B01.
14133 ESOLC 3000802 5003
Department consent required. Contact the CTE office at a LSC campus to register.
14137 ESOLC 3000802 5005
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Kingwood
8313 ESOLC 3000802 2210  TTh 1/17/14  8:30 am-10:20 am  CLB 129

LSC-North Harris
14756 ESOLC 3000802 1201  TTh 1/17/14  10:00 am-11:50 am
Department consent required. Contact the CTE office at a LSC campus to register.
14763 ESOLC 3000802 1203  TTh 1/17/14  12:30 pm-2:20 pm
Department consent required. Contact the CTE office at a LSC campus to register.
14765 ESOLC 3000802 1401  TTh 1/17/14  6:00 pm-7:50 pm
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Tomball
13022 ESOLC 3000802 3001  TTh 1/30/14  7:40 pm-9:40 pm  S 205
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-University Park
9910 ESOLC 3000801 6003  TTh 1/17/15  8:00 am-9:50 am  UP13 615
Access to a computer outside of class time is required. Lab hours are included in Lecture Component.
9913 ESOLC 3000801 6005  TTh 1/17/15  10:00 am-11:50 am  UP13 615
Access to a computer outside of class time is required. Lab hours are included in Lecture Component.
9906 ESOLC 3000801 6001  TTh 1/17/14  6:00 pm-7:50 pm  UP13 615

ESOL Grammar III
ESOLC 3000803  64 Contact Hours  $213
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-Creekside Center
13174 ESOLC 3000803 K001  TTh 1/30/14  11:40 am-1:40 pm  UP13 615
Department consent required. Contact the CTE office at a LSC campus to register.
ESOL Grammar IV
ESOLC 3000804  64 Contact Hours  $213
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. 3201085912 This course is linked to ESOL 0394. Prerequisite: ESOL 0393 or Placement by exam.

LSC-CyFair
14236 ESOLC 3000803  5001
Department consent required. Contact the CTE office at a LSC campus to register. Students must also enroll in ESOLC 0383.5B01, ESOLC 0373.5B01 and ESOLC 0363.5B01.
14239 ESOLC 3000803  5003
Department consent required. Contact the CTE office at a LSC campus to register.
14242 ESOLC 3000803  5005
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-North Harris
14769 ESOLC 3000803  1201 TTh 1/17/15/4  8:00 am-9:50 am
Department consent required. Contact the CTE office at a LSC campus to register.
14772 ESOLC 3000803  1203 TTh 1/17/15/4  10:00 am-11:50 am
Department consent required. Contact the CTE office at a LSC campus to register.
14776 ESOLC 3000803  1401 TTh 1/17/15/4  6:00 pm-7:50 pm
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-University Park
9943 ESOLC 3000803  6003 TTh 1/17/15/4  8:00 am-9:50 am
9938 ESOLC 3000803  6001 TTh 1/17/15/4  6:00 pm-7:50 pm
9946 ESOLC 3000803  6005 TTh 1/30/15/4  2:00 pm-4:10 pm

ESOL Grammar V
ESOLC 3000805  64 Contact Hours  $213
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. 3201085712 This course is linked to ESOL 0395. Prerequisite: ESOL 0394 or Placement by exam.

LSC-CyFair
14303 ESOLC 3000805  5001
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-North Harris
14803 ESOLC 3000805  1201 TTh 1/17/15/4  10:00 am-11:50 am
Department consent required. Contact the CTE office at a LSC campus to register.
14807 ESOLC 3000805  1401 TTh 1/17/15/4  6:00 pm-7:50 pm
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-University Park
9965 ESOLC 3000805  6001 TTh 1/17/15/4  8:00 am-9:50 am

ESOL Language Skills Workshop
ESOLC 3000800  64 Contact Hours  $213
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
13747 ESOLC 3000800  5001
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-North Harris
13754 ESOLC 3000800  5003
Department consent required. Contact the CTE office at a LSC campus to register.
13762 ESOLC 3000800  5005
Department consent required. Contact the CTE office at a LSC campus to register.
13773 ESOLC 3000800  5007
Department consent required. Contact the CTE office at a LSC campus to register.
14 week late start class meeting 1/30/17-5/14/17-. Developing Pronunciation Skills for levels 4 & 5 only.
13781 ESOLC 3000800  5009
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-University Park
9911 ESOLC 3000800  6003 TTh 1/17/15/4  8:00 am-9:50 am
9912 ESOLC 3000800  6001 TTh 1/17/15/4  6:00 pm-7:50 pm
9915 ESOLC 3000800  6005 TTh 1/30/15/4  2:00 pm-4:10 pm

ESOL Language Skills Workshop
ESOLC 3000800  64 Contact Hours  $213
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
13747 ESOLC 3000800  5001
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-North Harris
13754 ESOLC 3000800  5003
Department consent required. Contact the CTE office at a LSC campus to register.
13762 ESOLC 3000800  5005
Department consent required. Contact the CTE office at a LSC campus to register.
13773 ESOLC 3000800  5007
Department consent required. Contact the CTE office at a LSC campus to register.
14 week late start class meeting 1/30/17-5/14/17-. Developing Pronunciation Skills for levels 4 & 5 only.
13781 ESOLC 3000800  5009
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-University Park
9911 ESOLC 3000800  6003 TTh 1/17/15/4  8:00 am-9:50 am
9912 ESOLC 3000800  6001 TTh 1/17/15/4  6:00 pm-7:50 pm
9915 ESOLC 3000800  6005 TTh 1/30/15/4  2:00 pm-4:10 pm

ESOL Language Skills Workshop
ESOLC 3000800  64 Contact Hours  $213
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
13747 ESOLC 3000800  5001
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-North Harris
13754 ESOLC 3000800  5003
Department consent required. Contact the CTE office at a LSC campus to register.
13762 ESOLC 3000800  5005
Department consent required. Contact the CTE office at a LSC campus to register.
13773 ESOLC 3000800  5007
Department consent required. Contact the CTE office at a LSC campus to register.
14 week late start class meeting 1/30/17-5/14/17-. Developing Pronunciation Skills for levels 4 & 5 only.
13781 ESOLC 3000800  5009
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-University Park
9911 ESOLC 3000800  6003 TTh 1/17/15/4  8:00 am-9:50 am
9912 ESOLC 3000800  6001 TTh 1/17/15/4  6:00 pm-7:50 pm
9915 ESOLC 3000800  6005 TTh 1/30/15/4  2:00 pm-4:10 pm

ESOL Language Skills Workshop
ESOLC 3000800  64 Contact Hours  $213
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.
**ESOL Oral Communication I**

ESOLC 3008101 64 Contact Hours $213

In this course beginning English-language students learn the key vocabulary and structures necessary for adequate basic oral communication. Students refine listening and speaking skills and increase control of the English sound system to minimize miscommunication due to pronunciation. 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 0381. Pre-requisite: placement by testing.

**LSC-Creekside Center**

13164 ESOLC 3008101 K001 Th 1/30/14 11:40 am-1:40 pm LB 203

**LSC-CyFair**

14046 ESOLC 3008101 5001

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

14048 ESOLC 3008101 5003

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

14050 ESOLC 3008101 5005

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

**LSC-University Park**

9110 ESOLC 3008000 6001 MW 1/17/14 8:00 am-9:50 am UP13 323

9119 ESOLC 3008000 6003 F 1/20/14 9:00 am-10:50 am UP13 323

**LSC-Kingwood**

8375 ESOLC 3008201 2140 MW 1/17/14 8:00 am-9:50 pm CLB 129

**ESOL Oral Communication II**

ESOLC 3008201 64 Contact Hours $213

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.

**LSC-Creekside Center**

13167 ESOLC 3008201 K001 Th 1/30/14 11:40 am-1:40 pm

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

**ESOL Oral Communication III**

ESOLC 3008301 64 Contact Hours $213

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**

13170 ESOLC 3008301 K001 Th 1/30/14 9:30 am-11:40 am

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

**LSC-CyFair**

14071 ESOLC 3008301 5001

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

14072 ESOLC 3008301 5003

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

14082 ESOLC 3008301 5005

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

**LSC-Kingwood**

8379 ESOLC 3008301 2140 MW 1/17/14 11:00 am-12:00 pm

**LSC-North Harris**

14721 ESOLC 3008201 1101 MW 1/17/14 8:00 pm-9:50 pm

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

ESOL.0361.5B01, ESOL.0371.5B01 and ESOL.0391.5B01.

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

ESOL.0392.5B01.

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

ESOL.0393.5B01.

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

ESOL.0382 or placement by testing.
**ESOL Oral Communication IV**

ESOLC 3008401 64 Contact Hours $213

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. Pre-requisite: ESOL 0383 or placement by testing.

**LSC-Creekside Center**
13172 ESOLC 3008401 K001 TTh 1/30/14 9:30 am-11:40 am

**LSC-CyFair**
14091 ESOLC 3008401 5001
Department consent required. Contact the CTE office at a LSC campus to register.
14094 ESOLC 3008401 5003
Department consent required. Contact the CTE office at a LSC campus to register.
14103 ESOLC 3008401 5005
Department consent required. Contact the CTE office at a LSC campus to register.

**ESOL Reading I**

ESOLC 3006101 64 Contact Hours $213

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 literacy 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**
13796 ESOLC 3006101 5001
Department consent required. Contact the CTE office at a LSC campus to register. Students must also enroll in ESOL.0382.5B01, ESOL.0372.5B01 and ESOL.0392.5B01.
13799 ESOLC 3006101 5003
Department consent required. Contact the CTE office at a LSC campus to register.
13803 ESOLC 3006101 5005
Department consent required. Contact the CTE office at a LSC campus to register.

**LSC-North Harris**
14256 ESOLC 3006101 1101 MW 1/17/14 10:00 am-11:50 am
Department consent required. Contact the CTE office at a LSC campus to register.
14260 ESOLC 3006101 1301 MW 1/17/14 6:00 pm-7:50 pm
Department consent required. Contact the CTE office at a LSC campus to register.

**LSC-University Park**
9296 ESOLC 3006101 6001 MW 1/17/14 5:30 pm-7:30 pm S 205
Department consent required. Contact the CTE office at a LSC campus to register.

**ESOL Reading II**

ESOLC 3006201 64 Contact Hours $213

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**
13808 ESOLC 3006201 5001
Department consent required. Contact the CTE office at a LSC campus to register. Students must also enroll in ESOL.0382.5B01, ESOL.0372.5B01 and ESOL.0392.5B01.
13812 ESOLC 3006201 5003
Department consent required. Contact the CTE office at a LSC campus to register.
13814 ESOLC 3006201 5005
Department consent required. Contact the CTE office at a LSC campus to register.

**LSC-Kingwood**
8406 ESOLC 3006201 2120 MW 1/17/14 9:00 am-10:50 am CLB 129

**ESOL Reading III**

ESOLC 3006301 64 Contact Hours $213

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 selected passages. Writing is required to complement reading activities. This course is linked to ENGL 0363. Prerequisites: ENGL 0362 or placement by exam.

**LSC-CyFair**
13817 ESOLC 3006301 5001
Department consent required. Contact the CTE office at a LSC campus to register. Students must also enroll in ESOL.0383.5B01, ESOL.0373.5B01 and ESOL.0393.5B01.
This course is linked to ESOL 0365. Prerequisite: ESOL 0364 or multilingual society. 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.

**ESOL Reading IV**
ESOLC 3006401 64 Contact Hours $213
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.

**ESOL Writing I**
ESOLC 3007101 64 Contact Hours $213
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.

**ESOL Reading V**
ESOLC 3006501 64 Contact Hours $213
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.
**ESOL Writing II**
ESOLC 3007201 64 Contact Hours $213
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**
13865 ESOLC 3007201 5001 Department consent required. Contact the CTE office at a LSC campus to register. Students must also enroll in ESOL 0382.5B01, ESOL 0362.5B01 and ESOL 0392.5B01.
13868 ESOLC 3007201 5003 Department consent required. Contact the CTE office at a LSC campus to register.
13870 ESOLC 3007201 5005 Department consent required. Contact the CTE office at a LSC campus to register.

**LSC-Kingwood**
8498 ESOLC 3007201 2220 TTh 1/17/14 10:30 am-12:20 pm CLB 129

**LSC-North Harris**
14604 ESOLC 3007201 1201 TTh 1/17/14 10:00 am-11:50 am Department consent required. Contact the CTE office at a LSC campus to register.
14606 ESOLC 3007201 1203 TTh 1/17/14 12:30 pm-2:20 pm Department consent required. Contact the CTE office at a LSC campus to register.
14612 ESOLC 3007201 1401 TTh 1/17/14 8:00 pm-9:50 pm Department consent required. Contact the CTE office at a LSC campus to register.

**LSC-Tomball**
12981 ESOLC 3007201 3001 MW 1/30/14 7:40 pm-9:40 pm S 205 Department consent required. Contact the CTE office at a LSC campus to register.

**LSC-University Park**
9213 ESOLC 3007201 6003 TTh 1/17/14 10:00 am-11:50 am UP13 421
9217 ESOLC 3007201 6005 TTh 1/17/14 12:00 pm-1:50 pm UP13 421
9206 ESOLC 3007201 6001 TTh 1/17/14 8:00 pm-9:50 pm UP13 615

**ESOL Writing III**
ESOLC 3007301 64 Contact Hours $213
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 0372. Pre-requisite: ESOL 0372 or placement by testing.

**LSC-Creekside Center**
13162 ESOLC 3007401 K001 MW 1/30/14 11:40 am-1:40 pm Department consent required. Contact the CTE office at a LSC campus to register.

**LSC-CyFair**
13999 ESOLC 3007401 5001 Department consent required. Contact the CTE office at a LSC campus to register.
14004 ESOLC 3007401 5003 Department consent required. Contact the CTE office at a LSC campus to register.
14008 ESOLC 3007401 5005 Department consent required. Contact the CTE office at a LSC campus to register.

**LSC-Kingwood**
8534 ESOLC 3007401 2220 TTh 1/17/14 10:30 am-12:20 pm UB 203
11128 ESOLC 3007401 2440 TTh 1/17/14 1:30 pm-3:20 pm CLB 129

**LSC-North Harris**
14639 ESOLC 3007401 1201 TTh 1/17/14 10:00 am-11:50 am Department consent required. Contact the CTE office at a LSC campus to register.
14641 ESOLC 3007401 1203 TTh 1/17/14 12:30 pm-2:20 pm Department consent required. Contact the CTE office at a LSC campus to register.
14643 ESOLC 3007401 1401 TTh 1/17/14 8:00 pm-9:50 pm Department consent required. Contact the CTE office at a LSC campus to register.

**LSC-University Park**
9297 ESOLC 3007401 6003 TTh 1/17/14 10:00 am-11:50 am
9299 ESOLC 3007401 6005 TTh 1/17/14 12:00 pm-1:50 pm UP13 613
9292 ESOLC 3007401 6001 TTh 1/17/14 8:00 pm-9:50 pm UP13 421

**ESOL Writing IV**
ESOLC 3007401 64 Contact Hours $213
Development of college-level writing focusing on idea generation, drafting, organization, revision, and utilization of standard English. This course carries institutional credit but will not transfer and will not be used to meet degree requirements. This course is linked to ESOL 0374. Pre-requisites: ESOL 0373 or placement by testing.

**LSC-Creekside Center**
13162 ESOLC 3007401 K001 MW 1/30/14 11:40 am-1:40 pm Department consent required. Contact the CTE office at a LSC campus to register.

**LSC-CyFair**
14009 ESOLC 3007401 5001 Department consent required. Contact the CTE office at a LSC campus to register.
14004 ESOLC 3007401 5003 Department consent required. Contact the CTE office at a LSC campus to register.
14008 ESOLC 3007401 5005 Department consent required. Contact the CTE office at a LSC campus to register.

**LSC-Kingwood**
8534 ESOLC 3007401 2220 TTh 1/17/14 10:30 am-12:20 pm UB 203
11128 ESOLC 3007401 2440 TTh 1/17/14 1:30 pm-3:20 pm CLB 129

**LSC-North Harris**
14639 ESOLC 3007401 1201 TTh 1/17/14 10:00 am-11:50 am Department consent required. Contact the CTE office at a LSC campus to register.
14641 ESOLC 3007401 1203 TTh 1/17/14 12:30 pm-2:20 pm Department consent required. Contact the CTE office at a LSC campus to register.
14643 ESOLC 3007401 1401 TTh 1/17/14 8:00 pm-9:50 pm Department consent required. Contact the CTE office at a LSC campus to register.

**LSC-University Park**
9297 ESOLC 3007401 6003 TTh 1/17/14 10:00 am-11:50 am
9299 ESOLC 3007401 6005 TTh 1/17/14 12:00 pm-1:50 pm UP13 613
9292 ESOLC 3007401 6001 TTh 1/17/14 8:00 pm-9:50 pm UP13 421

**ESOL Writing V**
ESOLC 3007501 64 Contact Hours $213
Focuses on strategies and techniques of writing and composition. Open only to non-native speakers. This course carries institutional credit but will not transfer and will not be used to meet degree requirements. This course is linked to ESOL 0375. Pre-requisite: ESOL 0374 or placement by testing.

**LSC-CyFair**
14012 ESOLC 3007501 5001 Department consent required. Contact the CTE office at a LSC campus to register.
14017 ESOLC 3007501 5003 Department consent required. Contact the CTE office at a LSC campus to register. Students must also enroll in ESOL 0365.5B03
14022 ESOLC 3007501 5005 Department consent required. Contact the CTE office at a LSC campus to register. 14 week late start class meeting 1/30/17-5/14/17.
Community Education

English for Speakers of Other Languages

Basic English Skills

Integrated Reading & Writing
ESOLC 3003101 64 Contact Hours $213
Integration of critical reading and academic writing skills. The course fulfills TSI requirements for reading and/or writing. This course carries institutional credit but will not transfer and will not be used to meet degree requirements. This course is linked to ESOL 0310.

LSC-University Park
9122 ESOLC 3003101 6001 TTh 1/17/14 12:00 pm-1:50 pm

Workplace English Skills

Communication for Workplace I
COMGC 2100073 64 Contact Hours $225
Designed for students whose primary language is other than English. Presentation of industry-related basic reading, writing, speaking, and listening skills. Emphasis on high-frequency vocabulary (basic sight words) and phonics; refining oral and written production and listening skills for enhanced job productivity; and increasing control of the English sound system to minimize on the job miscommunication or misperception due to foreign accent. The course provides learners with coping skills and cultural information necessary for written and oral workplace communication. It offers learners the opportunity to develop, practice, and apply the basic structures of English, and to perform simple speaking, reading, and writing job-related tasks. Students enrolled in this course should have basic literacy skills in their native language and be familiar with Roman script.

LSC-Conroe Center
6168 COMGC 2100073 CO01 MW 1/30/24 6:30 pm-8:30 pm
6169 COMGC 2100073 CO02 MF 2/6/3/28 9:00 am-11:00 am
1274 COMGC 2100073 CO11 MTh 6/5/7/11 9:00 am-12:00 pm
Department consent required. Contact the CTE office at a LSC campus to register. No class 2/7/4.

LSC-CyFair
4000 COMGC 2100073 5003 MTh 1/31/3/7 8:30 am-10:30 am HSC 112
Department consent required. Contact the CTE office at a LSC campus to register.
3997 COMGC 2100073 5001 MF 3/20/5/3 8:30 am-10:30 am
Department consent required. Contact the CTE office at a LSC campus to register.
3999 COMGC 2100073 5002 MTh 3/21/5/3 6:00 pm-8:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.
4010 COMGC 2100073 C001 MTh 3/21/5/3 6:00 pm-8:30 pm
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-EMCID
3717 COMGC 2100073 E001 TTh 2/7/4/26 6:00 pm-8:00 pm

Communication for Workplace II
COMGC 2100148 64 Contact Hours $225
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
6171 COMGC 2100148 CO01 MW 1/30/24 6:30 pm-8:30 pm
6172 COMGC 2100148 CO02 MF 4/3/15/7 9:00 am-11:00 am
1275 COMGC 2100148 CO01 MTh 7/17/8/21 9:00 am-12:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-CyFair
4004 COMGC 2100148 5003 TTh 1/17/3/7 6:00 pm-9:00 pm HSC 106
Department consent required. Contact the CTE office at a LSC campus to register.
4002 COMGC 2100148 5002 MF 1/23/3/7 10:30 am-12:30 pm HSC 112
Department consent required. Contact the CTE office at a LSC campus to register.
4001 COMGC 2100148 5001 MF 3/20/5/3 8:30 am-10:30 am HSC 112
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-EMCID
3718 COMGC 2100148 E001 MTh 2/6/4/6 10:00 am-12:00 pm

Search & Register for classes online at LoneStar.edu/CE
Communication for Workplace III
COMGC 2100456 64 Contact Hours $225
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
6215 COMGC 2100456 C001 Th 1/31/5/25 6:30 pm-8:30 pm
Department consent required. Contact the CTE office at a LSC campus to register.

6216 COMGC 2100456 C002 M-F 2/6/3/28 9:00 am-11:00 am
Department consent required. Contact the CTE office at a LSC campus to register.

1260 COMGC 2100456 C002 M-Th 6/5/7/11 9:00 am-12:00 am
Department consent required. Contact the CTE office at a LSC campus to register.

1259 COMGC 2100456 C001 Th 6/6/8/17 6:30 pm-9:30 pm
Hybrid class with computer literacy component. No textbook is required. Burlington English Software utilized, students need to purchase seat for $48 for 6 months. No class 7/4. Levels 3/4.

LSC-CyFair
4006 COMGC 2100456 5003 M-F 1/23/3/7 10:30 am-12:30 pm
Department consent required. Contact the CTE office at a LSC campus to register.

4003 COMGC 2100456 5001 M-F 3/20/5/3 10:30 am-12:30 pm HSCI 112
Department consent required. Contact the CTE office at a LSC campus to register.

4005 COMGC 2100456 5002 M-Th 3/21/5/9 6:00 pm-9:00 pm HSCI 106
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Montgomery
6203 COMGC 2100456 4002 M-W 1/30/5/24 9:00 am-10:20 am
Department consent required. Contact the CTE office at a LSC campus to register.

6204 COMGC 2100456 4003 T-Th 1/31/5/25 9:00 am-11:00 am
Department consent required. Contact the CTE office at a LSC campus to register.

6197 COMGC 2100456 4001 T-Th 1/31/5/25 6:30 pm-8:30 pm
Department consent required. Contact the CTE office at a LSC campus to register.

1257 COMGC 2100456 4002 M-W 6/5/8/14 9:00 pm-12:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.

1258 COMGC 2100456 4003 Th 6/6/8/17 9:00 am-12:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-North Harris
5797 COMGC 2100456 1001 M-F 1/23/3/7 10:30 am-12:30 pm
Department consent required. Contact the CTE office at a LSC campus to register.

5799 COMGC 2100456 1002 M-W 1/30/5/3 6:30 pm-9:00 pm

Communication for Workplace IV
COMGC 2100562 64 Contact Hours $225
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 continues to provide dynamic communicative practice, exposing students to the uses of language in a variety of job-related contexts. This course enhances student’s ability to interact and exchange information, take surveys, role-play situations, and discuss various everyday situations and job-related topics.

LSC-Conroe Center
6235 COMGC 2100562 C001 Th 1/31/5/25 6:30 pm-8:30 pm
Department consent required. Contact the CTE office at a LSC campus to register. Hybrid class with computer literacy component. No textbook is required. Burlington English Software utilized, students need to purchase seat for $48 for 6 months. No class 7/4. Levels 3/4.

1264 COMGC 2100562 C001 Th 6/6/17 6:30 pm-9:30 pm
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-CyFair
4008 COMGC 2100562 5002 M-F 1/23/3/7 10:30 am-12:30 pm
Department consent required. Contact the CTE office at a LSC campus to register.

4007 COMGC 2100562 5001 M-F 3/20/5/3 10:30 am-12:30 pm
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Montgomery
6223 COMGC 2100562 4002 M-W 1/30/5/24 9:00 am-11:00 am
Department consent required. Contact the CTE office at a LSC campus to register.

6227 COMGC 2100562 4003 Th 1/31/5/25 9:00 am-11:00 am
Department consent required. Contact the CTE office at a LSC campus to register.

6220 COMGC 2100562 4001 Th 1/31/5/25 6:30 pm-8:30 pm Comm. 3 & 4 Combined.
Department consent required. Contact the CTE office at a LSC campus to register.

1263 COMGC 2100562 4003 Th 6/6/17 9:00 am-12:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.

1261 COMGC 2100562 4001 Th 6/6/17 6:30 pm-9:30 pm
Hybrid class with computer literacy component. No textbook is required. Burlington English Software utilized, students need to purchase seat for $48 for 6 months. No class 7/4. Levels 3/4.

LSC-North Harris
6164 COMGC 2100562 1002 M-W 2/20/5/17 6:30 pm-9:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.

5800 COMGC 2100562 1001 M-F 3/20/5/3 10:30 am-12:30 pm
Department consent required. Contact the CTE office at a LSC campus to register.

7196 COMGC 2100562 1003 M-F 3/20/5/3 10:30 am-12:30 pm
Department consent required. Contact the CTE office at a LSC campus to register.

1132 COMGC 2100562 1002 M-W 5/22/8/23 6:30 pm-9:00 pm
No class 7/03/16. Hybrid class with computer literacy component. Department consent required. Contact the CTE office at a LSC campus to register.
Communication for Workplace, Basic
COMGC 2100308 48 Contact Hours $177
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-CyFair
3998 COMGC 2100308 5002 M-Th 1/173/1 6:00 pm-8:30 pm HSCI 112
Department consent required. Contact the CTE office at a LSC campus to register.
3996 COMGC 2100308 5001 M-Th 1/233/2 8:30 am-10:30 am
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-EMCID
3719 COMGC 2100308 E001 M-Th 1/233/23 8:00 am-10:00 am

LSC-Fairbanks Center
4009 COMGC 2100308 F001 M-Th 1/173/1 6:00 pm-8:30 pm

LSC-Kingwood
1209 COMGC 2100308 2001 M-Th 5/154/26 8:00 am-10:00 am

LSC-North Harris
5791 COMGC 2100308 1001 M-Th 1/233/2 8:30 am-10:30 am
Department consent required. Contact the CTE office at a LSC campus to register.
5792 COMGC 2100308 1002 M-Th 1/233/2 8:30 am-9:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.
7187 COMGC 2100308 1003 M-Th 3/204/20 8:30 am-10:30 am
Department consent required. Contact the CTE office at a LSC campus to register.
13806 COMGC 2100308 1004 M-Th 3/215/3 6:30 pm-9:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.
1102 COMGC 2100308 1001 M-Th 5/157/13 8:30 am-10:30 am
No class 7/23.
Department consent required. Contact the CTE office at a LSC campus to register.
1103 COMGC 2100308 1002 M-Th 5/157/12 6:30 pm-9:00 pm
No class 7/20.
Department consent required. Contact the CTE office at a LSC campus to register.

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-Conroe Center
6182 COMGC 2100366 C002 MW 1/304/12 6:30 pm-8:30 pm
6181 COMGC 2100366 C001 M-Th 1/314/13 6:30 pm-8:30 pm
6183 COMGC 2100366 C003 MW 2/63/3 11:15 am-1:15 pm
6184 COMGC 2100366 C004 MW 4/35/1 11:15 am-1:15 pm
1273 COMGC 2100366 C002 MW 6/58/9 12:30 pm-2:30 pm
Department consent required. Contact the CTE office at a LSC campus to register.
Levels 1/2.
1272 COMGC 2100366 C001 MW 6/58/9 12:30 pm-2:30 pm
Department consent required. Contact the CTE office at a LSC campus to register.
Levels 1/2.

Grammar and Writing for the Workplace I
COMGC 2100561 64 Contact Hours $225
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-North Harris
5794 COMGC 2100366 1001 M-Th 1/303/1 8:30 am-10:30 am
Department consent required. Contact the CTE office at a LSC campus to register.
5796 COMGC 2100366 1002 M-Th 2/214/20 8:30 am-9:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.
7198 COMGC 2100366 1003 M-Th 3/274/27 8:30 am-10:30 am
Department consent required. Contact the CTE office at a LSC campus to register.
1104 COMGC 2100366 1001 M-Th 5/224/26 8:30 am-10:30 am
No class 7/23.
Department consent required. Contact the CTE office at a LSC campus to register.
1105 COMGC 2100366 1002 M-Th 6/198/16 6:30 pm-9:00 pm
No class 7/23.
Department consent required. Contact the CTE office at a LSC campus to register.

Pronunciation for the Workplace I
COMGC 2100671 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
6252 COMGC 2100671 0001 M-Th 4/185/25 6:30 pm-9:00 pm
6270 COMGC 2100671 0002 M-Th 6/77/27 6:30 pm-9:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.
No class 7/4.
Levels 1/2.
1269 COMGC 2100671 0001 M-Th 6/77/27 6:30 pm-9:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.
Levels 1/2.
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  
6261 COMGC 2100672 C001 MW 4/17-5/24  6:30 pm-8:30 pm
6260 COMGC 2100672 C003 TTh 4/18-5/25  9:00 am-11:30 am

LSC-Montgomery  
6259 COMGC 2100672 4002 MW 4/17-5/24  11:30 am-2:00 pm
6260 COMGC 2100672 4003 TTh 4/18-5/25  9:00 am-11:30 am

Levels 3/4.

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:

- AutoCAD/Solid Works
- 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.

CorporateCollege@LoneStar.edu  LSCCE@LoneStar.edu
Languages

Overview

Whether you would like to learn a language for travel or to increase your employability, the ability to speak another language is increasingly important in the Houston area. Discover how learning a language can enrich your life.

Specialized Courses

We live in a multicultural, ethnically-diverse nation, making learning multiple languages more important than ever. Lone Star College has a variety of courses and programs designed to help at home, school or work.

For more information, go to LoneStar.edu/CE.

Linked with a credit course. See page 5 for requirements.

Arabic

Arabic I, Beginning
ARABC 3000001 80 Contact Hours $276
This course includes beginner’s punctuation, oral practice, conversation, development of listening comprehension, basic principles of grammar, simple exercises in composition, easy reading which includes cultural material. This course is linked to ARAB 1411.

LSC-Tomball
12842 ARABC 3000001 3001 Sa 1/20/14 8:30 am-1:50 pm S 205
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-University Park
8102 ARABC 3000001 6001 TTh 1/17/14 6:00 pm-7:20 pm UP13 529

Arabic II, Beginning
ARABC 3101101 80 Contact Hours $276
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-Tomball
12847 ARABC 3101101 3001 Sa 1/20/14 8:30 am-1:50 pm S 205
Department consent required. Contact the CTE office at a LSC campus to register.
**CHINESE**

**Chinese I, Beginning**
CHINC 3101101 80 Contact Hours $272
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: College Level exam, ENGL 0305 or ENGL 0316 AND ENGL 0307 or 0326, OR higher level course (ENGL 1301), OR placement by testing.

**Chinese II, Beginning**
CHINC 3101102 80 Contact Hours $272
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.

**French**

**French I, Conversational**
FRENCH 3100114 24 Contact Hours $156
Senior Fee: $129.60
Emphasis is on conversation while developing French vocabulary and phraseology used for business, travel and other communication needs. Instruction in selected vocabulary, pronunciation and basic structures used by those employed.

**French II, Conversational**
FRENCH 3100115 24 Contact Hours $156
Senior Fee: $129.60
Emphasis is on conversation while developing French vocabulary and phraseology used for business, travel and other communication needs. Instruction in selected vocabulary, pronunciation and basic structures used by those employed. Prerequisite: French I or its equivalent.

**French I, Beginning**
FRENCH 3141101 80 Contact Hours $260
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.

**French II, Beginning**
FRENCH 3141201 80 Contact Hours $260
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.

**French I, Intermediate**
FRENCH 3231101 48 Contact Hours $198
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**
8127 FRENCH 3231101 6001 1/30/17-5/14
This is a 14 week late start online class meeting 1/30/17-5/14. Internet access is required. Access your online course at www.lonestar.edu/lsc-online. Contact instructor for more information. Department consent required. Contact the CTE office at a LSC campus to register. Instruction Type: Online

**LSC-Tomball**
13032 FRENCH 3141101 3001 1/30/14
Access your online class at www.LoneStar.edu/lsc-online. Contact instructor for more information. Department consent required. Contact the CTE office at a LSC campus to register. Instruction Type: Online

**LSC-Tomball**
12931 CHINC 3101101 3001 MW 1/17/14 6:30 pm-8:45 pm $279
Department consent required. Contact the CTE office at a LSC campus to register.

**LSC-Tomball**
12941 CHINC 3101102 3001 MW 1/17/14 6:30 pm-8:45 pm $279
Department consent required. Contact the CTE office at a LSC campus to register.

**LSC-Tomball**
13014 FRENCH 3141101 3001 1/30/14
Access your online class at www.LoneStar.edu/lsc-online. Contact instructor for more information. Department consent required. Contact the CTE office at a LSC campus to register. Instruction Type: Online
# Community Education

## Course Descriptions

### Languages

#### 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  
4610 GERMC 3100181 3001 W 1/18/3/8 6:00 pm-9:00 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  
4613 GERMC 3100182 3002 W 3/22/10 6:00 pm-9:00 pm

**German I, Beginning**

GERMC 3200001 80 Contact Hours $0.0000  
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  
13018 GERMC 3200001 3001 T 1/305/14 3:30 pm 5:20 pm  S 205  
The class will meet Tuesdays and the rest of the class will be online. This is a great opportunity for you to take an online-based class, but still be able to meet with the instructor face-to-face. Access your online class at www.LoneStar.edu/lsc-online.  
Instruction Type: Hybrid, Internet

#### Italian

**Italian II**

ITALC 3100176 48 Contact Hours $297  
Senior Fee: $244.20  
Enhance speaking, listening, reading and writing language skills using McGraw-Hill's Prego! An invitation to Italian, 6th Edition in level II as you explore the culture and regions of Italy. Learn more travel tips.  
LSC-Tomball  
4622 ITALC 3100176 3001 T Th 2/14/3/9 6:00 pm-9:00 pm

**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  
4620 ITALC 3100193 3001 T Th 1/17/2/9 6:00 pm-9:00 pm

#### Japanese

**Japanese I, Beginning**

JAPNC 3101101 80 Contact Hours $260  
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: ENGL0305 or ENGL 0316 AND ENGL 0307 or 0326, OR higher level course (ENGL 1301), OR placement by testing.  
LSC-Kingwood  
13111 JAPNC 3101101 3001 MW 1/17/5/14 9:00 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 $260  
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-Tomball  
13114 JAPNC 3101201 3001 MW 1/17/5/14 12:00 pm-2:15 pm  S 205  
Department consent required. Contact the CTE office at a LSC campus to register.

#### Begin American Sign Language I

SGNLC 3100101 80 Contact Hours $278  
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  
11689 SGNLC 3100101 5001  
Already know some ASL? Test out of this class! Contact Chris Orta at Christopher.J.Orta@LoneStar.edu for more information.

LSC-Kingwood  
11771 SGNLC 3100101 3001 MW 1/17/5/14 9:00 am-11:20 am  ADM 208

#### Begin American Sign Language II

SGNLC 3100201 80 Contact Hours $278  
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  
11693 SGNLC 3100201 5001  
8 week class meeting 03/20/17 - 05/14/17.

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Search & Register for classes online at LoneStar.edu/CE
Spanish I, Conversational  
**SPANC 3100134** 24 Contact Hours $156  
Senior Fee: $129.60  
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-Conroe Center**  
1239 SPANC 3100134 C001 MW 6/5-7/12 12:00 pm-2:00 pm  
Department consent required. Contact the CTE office at a LSC campus to register.  
**LSC-Kingwood**  
3725 SPANC 3100134 2001 MW 1/30-3/8 6:00 pm-8:00 pm  
1216 SPANC 3100134 2001 MW 6/5-7/19 6:00 pm-8:00 pm  
**LSC-Montgomery**  
13345 SPANC 3100134 4004 MW 2/20-4/5 12:00 pm-2:00 pm  
Department consent required. Contact the CTE office at a LSC campus to register.  
13265 SPANC 3100134 4001 MW 2/20-4/5 6:00 pm-8:00 pm  
Department consent required. Contact the CTE office at a LSC campus to register.  
1238 SPANC 3100134 4002 MW 6/5-7/12 12:00 pm-2:00 pm  
Department consent required. Contact the CTE office at a LSC campus to register.  
1237 SPANC 3100134 4001 MW 6/5-7/12 6:00 pm-8:00 pm  
Department consent required. Contact the CTE office at a LSC campus to register.  
**LSC-Tomball**  
4647 SPANC 3100134 3001 Sa 1/23-3/11 8:00 am-11:00 pm  
4653 SPANC 3100134 3002 TTh 1/31-3/9 9:00 am-11:00 am  
4656 SPANC 3100134 3003 TTh 1/31-3/9 6:30 pm-8:30 pm  
**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-Conroe Center**  
1251 SPANC 3100135 C001 MW 6/5-7/12 12:00 pm-2:00 pm  
Department consent required. Contact the CTE office at a LSC campus to register.  
**LSC-Montgomery**  
13311 SPANC 3100135 4001 MW 2/20-4/5 12:00 pm-2:00 pm  
Department consent required. Contact the CTE office at a LSC campus to register.  
1333 SPANC 3100135 4002 MW 2/20-4/5 6:00 pm-8:00 pm  
Department consent required. Contact the CTE office at a LSC campus to register.  
**SPANC 3100135 4002 MW 6/5-7/12 12:00 pm-2:00 pm  
Department consent required. Contact the CTE office at a LSC campus to register.**

Spanish III, Conversational  
**SPANC 3100136** 24 Contact Hours $156  
Senior Fee: $129.60  
This course is designed to amplify the basic concepts learned in Spanish II with drills for mastery in basic structural patterns and functional vocabulary, pronunciation, and basic structures used by those employed. Prerequisite: Spanish II, Conversational or its equivalent.  
**LSC-Montgomery**  
13312 SPANC 3100136 4001 TTh 2/21-4/6 12:00 pm-2:00 pm  
Department consent required. Contact the CTE office at a LSC campus to register.  
No class week of 3/13 - 3/19.  
13339 SPANC 3100136 4002 TTh 2/21-4/6 6:00 pm-8:00 pm  
Department consent required. Contact the CTE office at a LSC campus to register.  
No class week of 3/13 - 3/19.  
1248 SPANC 3100136 4001 TTh 6/6-7/18 6:00 pm-8:00 pm  
Department consent required. Contact the CTE office at a LSC campus to register.  
No class 7/4.  
**Spanish IV, Conversational**  
**SPANC 3100137** 24 Contact Hours $156  
Senior Fee: $129.60  
Designed to build on the concepts learned in Spanish III, this course provides further drills for mastery in structural patterns and functional vocabulary. Instruction in selected vocabulary, pronunciation, and basic structures used by those employed. Prerequisite: Spanish III, Conversational or its equivalent.  
**LSC-Montgomery**  
12926 SPANC 3100137 4002 TTh 2/21-4/6 12:00 pm-2:00 pm  
Department consent required. Contact the CTE office at a LSC campus to register.  
No class week of 3/13 - 3/19.  
13287 SPANC 3100137 4001 TTh 2/21-4/6 6:00 pm-8:00 pm  
Department consent required. Contact the CTE office at a LSC campus to register.  
No class week of 3/13 - 3/19.  
1249 SPANC 3100137 4001 TTh 6/6-7/18 6:00 pm-8:00 pm  
Department consent required. Contact the CTE office at a LSC campus to register.  
No class 7/4.  
**Spanish I, Beginning**  
**SPANC 3141101** 80 Contact Hours $260  
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**  
11794 SPANC 3141101 2001 MW 1/17-5/14 9:00 am-10:50 am  
1251 SPANC 3100135 4002 MW 6/5-7/12 12:00 pm-2:00 pm  
Department consent required. Contact the CTE office at a LSC campus to register.  
1245 SPANC 3100135 4001 MW 6/5-7/12 6:00 pm-8:00 pm  
Department consent required. Contact the CTE office at a LSC campus to register.  
1338 SPANC 3100135 4002 MW 6/5-7/12 6:00 pm-8:00 pm  
Department consent required. Contact the CTE office at a LSC campus to register.  
1249 SPANC 3100135 4001 TTh 6/6-7/18 6:00 pm-8:00 pm  
Department consent required. Contact the CTE office at a LSC campus to register.  
No class 7/4.  

No class week of 3/13 - 3/19.
Languages

Spanish I, Intermediate

SPANC 3231101 48 Contact Hours $198

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

11990 SPANC 3231101 2802 1/30/14

Students must have access to the internet. Access your online course at www.lonestar.edu/lsc-online. Students must have textbook by third day of semester. Instruction Type: Online

Spanish II, Intermediate

SPANC 3231201 80 Contact Hours $260

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

11804 SPANC 3141201 2801 MW 1/30/14 11:00 am-12:20 pm LB 225

Students must have access to the internet. Access your online class at www.lonestar.edu/lsc-online. Students must have textbook by third day of semester. Instruction Type: Online

Spanish II, Intermediate

SPANC 3231201 48 Contact Hours $237

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-University Park

8158 SPANC 3231201 6001 1/30/14

This is a 14 week late start online class meeting 1/30/17-5/14/17. Internet access is required. Access your online course at www.lonestar.edu/lsc-online Instruction Type: Online
Leisure Learning

Overview

Where you would like to learn a new language, play an instrument, get physically fit or pick up a new hobby, Lone Star College Leisure Learning can be the perfect opportunity to join a variety of new classes.

Additional Community Programs

**Discovery College (Youth)**

During our Summer months Lone Star College offers Discovery College Summer Camp. Discover exciting and rewarding ways for your child to grow this summer, with science, technology, engineering, and math-based programs, as well as performing arts, physical activity and more!

Register today at: [LoneStar.edu/Discovery-College](https://LoneStar.edu/Discovery-College)

**Academy for Lifelong Learning (50+)**

We also offer our Academy for Lifelong Learning program which is a membership community that offers free and low-cost classes, events and activities for adults age 50 and older. Choose from technology, health and wellness, financial planning, community service projects, literary discussion groups, genealogy, arts and crafts, an insider’s view of Texas history, and more.

Register today at: [LoneStar.edu/ALL](https://LoneStar.edu/ALL)
Ceramics I
ARTSC 3234601 96 Contact Hours $260
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
10006 ARTSC 3234601 5001 MW 1/17/14 1:30 pm-2:50 pm ART 117
A supply list will be provided on the first day of class. Field trip may be required.

Ceramics II
RTSC 3234701 96 Contact Hours $260
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
10030 RTSC 3234701 5001 MW 1/17/14 1:30 pm-2:50 pm ART 117
A supply list will be provided on the first day of class. Field trip may be required.

Ceramics I
ARTSC 3234601 96 Contact Hours $260
Design I (2-D)
ARTSC 3131101 96 Contact Hours $250
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-CyFair
10361 ARTSC 3131101 5001 MW 1/17/14 9:10 am-12:05 pm ART 116
10367 ARTSC 3131101 5003 MW 1/17/14 12:40 pm-3:35 pm ART 116
10371 ARTSC 3131101 5005 MW 1/17/14 6:00 pm-8:55 pm ART 116
10376 ARTSC 3131101 5007 TTh 1/17/14 11:00 am-1:50 pm ART 116

LSC-Tomball
7864 ARTSC 3131101 3001 MW 1/17/14 2:00 pm-2:50 pm E 183
Department consent required. Contact the CTE office at a LSC campus to register.

Design II
ARTSC 3930003 96 Contact Hours $250
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 and ARTS 1316. This course is linked to ARTS 1317.

LSC-Tomball
7913 ARTSC 3930003 3003 MW 1/17/14 6:00 pm-6:50 pm  E 180
Department consent required. Contact the CTE office at a LSC campus to register.
7879 ARTSC 3930003 3001 Th 1/17/14 2:00 pm-2:50 pm  E 180
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-University Park
14337 ARTSC 3930003 6301 Th 1/17/14 9:00 am-10:20 am  UP13 711

Painting I
ARTSC 3231601 96 Contact Hours $250
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
9746 ARTSC 3231601 5001 Th 1/17/14 11:00 am-1:50 pm  ART 115
A supply list will be provided on the first day of class. Field trip may be required. A supplies list will be provided on the first day of class. Field trip may be required. Contact the CTE office at a LSC campus to register.

LSC-Tomball
7924 ARTSC 3231601 3001 MW 1/17/14 11:00 am-11:50 am  E 180
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-University Park
14339 ARTSC 3231601 6301 MW 1/17/14 9:00 am-10:20 am  UP10 102

Painting II
ARTSC 3231701 96 Contact Hours $250
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
9761 ARTSC 3231701 5001 Th 1/17/14 11:00 am-1:50 pm  ART 115
A supply list will be provided on the first day of class. Field trip may be required. A supplies list will be provided on the first day of class. Field trip may be required. Contact the CTE office at a LSC campus to register.

LSC-Tomball
7932 ARTSC 3231701 3001 MW 1/17/14 11:00 am-11:50 pm  E 180
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-University Park
14342 ARTSC 3231701 6301 MW 1/17/14 9:00 am-10:20 am  UP10 102

Photography I
PHOTC 3235601 96 Contact Hours $260
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
10053 PHOTC 3235601 5001 MW 1/17/14 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. A includes digital photography processes. A digital 35 mm SLR is optional.
10056 PHOTC 3235601 5003 Th 1/17/14 10:10 am-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-North Harris
3807 PHOTC 3235601 1001 MW 1/30/14 9:00 am-9:50 am  NCAD 231
DIGITAL (Computer) BASED course. Students must provide their own Digital SLR camera that can be made fully manual.

LSC-Tomball
12855 PHOTC 3235601 3001 MW 1/17/14 2:30 pm-5:10 pm  E 266
Department consent required. Contact the CTE office at a LSC campus to register.

Photography II
PHOTC 3235701 96 Contact Hours $260
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-CyFair
10067 PHOTC 3235701 5001 Th 1/17/14 1:20 pm-4:20 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-Tomball
12920 PHOTC 3235701 3001 MW 1/17/14 2:30 pm-5:10 pm  E 266
Department consent required. Contact the CTE office at a LSC campus to register.

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
3995 BUSXC 3000004 5001 Th 1/24/2 7:00 pm-9:00 pm

LSC-Tomball
4253 BUSXC 3000004 3001 Th 2/14/23 7:00 pm-9:00 pm

College Interests
Community Education

Leisure Learning

Fitness, Sports, & Dance

Aerobics I
PHEDC 311401  48 Contact Hours  $85
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 PHED 1114.

LSC-University Park
10457 PHEDC 311401 6001 MW 1/17/14 7:00 am-8:20 am CB FITSTU
10460 PHEDC 311401 6002 MW 1/17/14 5:00 pm-6:20 pm CB FITSTU
10461 PHEDC 311401 6003 TTh 1/17/14 8:00 am-9:20 am CB FITSTU

Aerobics II
PHEDC 3201401  48 Contact Hours  $85
Aerobics II is a continuation of Aerobics I structured for cardiovascular fitness, muscular endurance, muscular strength, and flexibility. 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 2114.

LSC-Kingwood
10225 PHEDC 3201401 2220 TTh 1/17/14 9:30 am-10:50 am FTC 101
Class Topic: LAB 2228 Focus on Boot Camp. Students should not purchase textbooks until after first class.

Ballet I
DANCC 3980003  48 Contact Hours  $88
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-North Harris
3811 DANCC 3980003 1001 TTh 1/17/14 10:30 am-11:50 am HLPE 110
Supportive rubber soled hip-hop shoes required. Events outside of class time required. Contact: Laura.E.Harrell@LoneStar.edu.

Ballet II
DANCC 3124201  48 Contact Hours  $88
Instruction and participation in ballet technique. This course is a continuation of DANC 1141 and provides additional instruction and practice in beginning 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 1142.

LSC-North Harris
3812 DANCC 3124201 1001 TTh 1/17/14 10:30 am-11:50 am HLPE 110
Supportive rubber soled hip-hop shoes required. Events outside of class time required. Contact: Laura.E.Harrell@LoneStar.edu.

First Aid
PHEDC 3130600  48 Contact Hours  $225
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
10215 PHEDC 3130600 2220 TTh 1/17/14 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.

LSC-Tomball
8545 PHEDC 3130600 3001 N 220
Required Orientation: Wednesday, January 18 at 9:30AM in Room N102. For more information, email Sydne.C.Marshall@LoneStar.edu Department consent required. Contact the CTE office at a LSC campus to register.

Foundations of Kinesiology
PHEDC 3130100  48 Contact Hours  $225
The purpose of this course is to provide students with an introduction to human movement that includes the historical development of physical education, exercise science, and sport. This course offers the student both an introduction to the knowledge base, as well as, information on expanding career opportunities. This course is linked to PHED 1301.

LSC-Kingwood
10212 PHEDC 3130100 2800 1/17/14
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  $85
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
8518 PHEDC 3112301 3001 W 1/17/14 1:00 pm-3:40 pm N 102
Range ball fee $70.00. First class meets at LSC-Tomball. Department consent required. Contact the CTE office at a LSC campus to register.
8519 PHEDC 3112301 3002 F 1/20/14 9:00 am-11:50 am N 102
Range ball fee $70.00. First class meeting at LSC-Tomball. Department consent required. Contact the CTE office at a LSC campus to register.

Golf II
PHEDC 3950002  48 Contact Hours  $85
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
8548 PHEDC 3950002 3001 E 154
Range ball fee $70.00. First class meeting at LSC-Tomball. Department consent required. Contact the CTE office at a LSC campus to register.
8551 PHEDC 3950002 3002 E 154
Range ball fee $70.00. First class meeting at LSC-Tomball. Department consent required. Contact the CTE office at a LSC campus to register.
Introduction to Physical Fitness & Sport

PHEDC 3116401 48 Contact Hours $89
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 exercises are included. 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

9920 PHEDC 3116401 2221 FTC 101
Focus on Tai Chi. Students should not purchase textbooks until after first class meeting.

9966 PHEDC 3116401 2243 FTC 107
Focus on Jazz Dance. Students should not purchase textbook until after first class meeting.

10130 PHEDC 3116401 2380 FTC 101
Focus on Aqua Aerobics. First Class meets Wed. 1/18 @ 4:30 pm in FTC 107B. Subsequent classes meet at W. W. Dive. Email ralmstedt@lonestar.edu or call 281.312.1656 for info. Additional $60 lab fee paid to W. W. Dive. Non-weight bearing aerobic and strength conditioning. Suitable for students with special needs.

9812 PHEDC 3116401 2100 MW 1/17/14 7:00 am-8:20 am FTC 107B
Class Topic: LAB 21B2 Focus on Aqua Aerobics. First Class meets Wed. 1/18 @ 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.

9814 PHEDC 3116401 2130 MW 1/17/14 10:10 am-11:30 am FTC 103
Class Topic: LAB 21B3 Focus on Weight Training. Students should not purchase textbooks until after first class meeting.

9903 PHEDC 3116401 2140 MW 1/17/14 11:40 am-1:00 pm FTC 101
Class Topic: LAB 21B4 Focus on Yoga. Students should not purchase textbooks until after first class meeting.

10122 PHEDC 3116401 2351 MW 1/17/14 12:20 pm-1:40 pm FTC 101
Class Topic: LAB 23B1 Focus on Weight Training. Students should not purchase textbook until after first class meeting.

10127 PHEDC 3116401 2360 MW 1/17/14 2:30 pm-3:50 pm FTC 101
Class Topic: LAB 23B2 Focus on Yoga. Students should not purchase textbook until after first class meeting.

10162 PHEDC 3116401 2591 MW 1/17/14 6:00 pm-7:20 pm FTC 106
Focus on Tennis. Students should not purchase textbook until after first class meeting.

9896 PHEDC 3116401 2200 TH 1/17/14 7:00 pm-8:20 pm FTC 107B
Class Topic: LAB 22B2 Focus on Aqua Aerobics. First Class meets Tues. 1/17 @ 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.

9914 PHEDC 3116401 2220 TH 1/17/14 9:30 am-10:50 am FTC 101
Class Topic: LAB 22B2 Focus on Boot Camp. Students should not purchase textbooks until after first class.

10186 PHEDC 3116401 2222 TH 1/17/14 9:30 am-10:50 am FTC 110
Class Topic: LAB 22B2 Focus on Weight Training. Students should not purchase textbook until after first class meeting.

9936 PHEDC 3116401 2231 TH 1/17/14 11:00 am-12:20 pm FTC 103
Class Topic: LAB 22B3 Focus on Weight Training. Students should not purchase textbook until after first class meeting.

9941 PHEDC 3116401 2232 TH 1/17/14 11:00 am-12:20 pm FTC 107
Class Topic: LAB 22B2 Focus on Volleyball. Students should not purchase textbook until after first class meeting.

10133 PHEDC 3116401 2440 TH 1/17/14 1:30 pm-2:50 pm FTC 106
Class Topic: LAB 24B2 Focus on Weight Training. Students should not purchase textbook until after first class meeting.

10136 PHEDC 3116401 2442 TH 1/17/14 1:30 pm-2:50 pm FTC 101
Class Topic: LAB 24B2 Focus on Modern Dance. Students should not purchase textbook until after first class meeting.

10145 PHEDC 3116401 2450 TH 1/17/14 3:00 pm-4:20 pm FTC 101
Class Topic: LAB 24B2 Focus on Yoga. Students should not purchase textbook until after first class meeting.

10208 PHEDC 3116401 2760 Su 1/20/14 2:00 pm-5:00 pm FTC 102
Focus on Bowling. First class meets Sunday, 1/22/17, at 2:00 pm in FTC 102. Subsequent classes meet at AMF Humble lanes. Additional fees apply. Email Juliana.Garcia@lonestar.edu for info. Students should not purchase textbook until after first class meeting.

Jogging I

PHEDC 3111300 48 Contact Hours $85
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

11273 PHEDC 3111300 6001 CB FITNESS CN

Modern Dance II

DANCC 3124601 48 Contact Hours $150
This course is a continuation of DANC 1145. It provides intermediate instruction and practice in modern dance technique. Emphasis continues to be upon placement, alignment, technique, and terminology. Intermediate patterns of floor, center and locomotor technique are used. (5003015226) This course is linked to DANC 1146. Prerequisites: DANC 1145 or instructor approval.

LSC-Kingwood

8543 DANCC 3124601 2440 TH 1/17/15 1:30 pm-2:50 pm FTC 101
Class Topic: LAB 24B2
Tai Chi I
PHEDC 3113001
48 Contact Hours $85
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 0336, OR higher level
course (ENGL 1301), OR placement by testing.

LSC-Tomball
8532 PHED 3113001 3001 TTh 1/17/14 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 $85
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
8528 PHED 3902101 3001 Sa 1/20/14 8:30 am-11:20 am N 104
Department consent required. Contact the CTE office at a LSC campus to register.

Tennis II
PHEDC 3902102
48 Contact Hours $85
Tennis II is designed to develop and improve skill levels in serving,
forehand and background drives, lob, 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
10228 PHED 3902102 2591 MW 1/17/14 6:00 pm-7:20 pm FTC 106
Focus on Tennis. Students should not purchase textbook until after first class meeting.

LSC-Tomball
8554 PHED 3902102 3001 Sa 1/20/14 8:30 am-11:20 am N 104
Department consent required. Contact the CTE office at a LSC campus to register.

Volleyball II
PHEDC 3950014
48 Contact Hours $85
Volleyball II is a continuation of Volleyball I with emphasis on the
instruction and practice of intermediate volleyball techniques and skills. The course includes extensive practice of intermediate
skills and participation in game situations with application of rules,
offensive and defensive strategy, teamwork, and safety aspects. Linked to PHED 2132. Prerequisite: Volleyball I.

LSC-Kingwood
10225 PHED 3950014 2232 TTh 1/17/14 11:00 am-12:20 pm FTC 107
Class Topic: LAB 2282Focus on Volleyball. Students should not purchase textbook until after first class meeting.

Weight Training I
PHEDC 3111201
48 Contact Hours $85
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-University Park
10446 PHEDC 3111201 6001 MW 1/17/14 8:00 am-9:20 am CB FITSTU
10452 PHEDC 3111201 6003 MW 1/17/14 7:10 pm-8:30 pm CB FITSTU
10451 PHEDC 3111201 6002 Th 1/17/14 8:00 am-9:20 am CB FITSTU
10454 PHEDC 3111201 6004 Th 1/17/14 7:10 pm-8:30 pm CB FITSTU

Weight Training II
PHEDC 3201202
48 Contact Hours $85
Weight Training II is a continuation of Weight Training I, in which students apply muscular strength, flexibility, endurance and
wellness concepts learned in Weight Training. Must have high
school diploma, successful completion of GED, or be in the early admissions program. This course is linked to PHED 2112.

LSC-Kingwood
10219 PHEDC 3201202 2130 MW 1/17/14 10:10 am-11:30 am FTC 103
Class Topic: LAB 2138Focus on Weight Training. Students should not purchase textbooks until after first class meeting.
10222 PHEDC 3201202 2222 TTh 1/17/14 9:30 am-10:50 am FTC 110
Class Topic: LAB 2282Focus on Weight Training. Students should not purchase textbooks until after first class meeting.
10224 PHEDC 3201202 2231 TTh 1/17/14 11:00 am-12:20 pm FTC 103
Class Topic: LAB 2238Focus on Weight Training. Students should not purchase textbook until after first class meeting.

Yoga I
PHEDC 3112801
48 Contact Hours $85
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
department consent required. Contact the CTE office at a LSC campus to register.

Yoga II
PHEDC 3901502
48 Contact Hours $85
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-Kingwood
10234 PHEDC 3901502 2140 MW 1/17/14 11:40 am-1:00 pm FTC 101
Class Topic: LAB 2148Focus on Yoga. Students should not purchase textbooks until after first class meeting.
10238 PHEDC 3901502 2740 Sa 1/20/14 11:00 am-2:00 pm FTC 101
Focus on Yoga. Students should not purchase textbook until after first class meeting.
Performing Arts

Acting I
DRAMC 3135101 48 Contact Hours $240
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.

LSC-University Park
14349 DRAMC 3135101 6:30 M 1/17/14 9:30 am-10:50 am UPI2135

Band, Symphonic
MUENC 3212401 42 Contact Hours $88
The study of a wide variety of literature for woodwinds, brass and percussion instruments through rehearsal and performance. Open to all community members with instrumental experience. Bring instrument to first class. Students may rent instruments from the college for $50. Rental fees are to be paid the first night of class. Music is provided. This course is linked to MUENC 2124.

LSC-Kingwood
9766 MUENC 3212401 2230 M 1/17/14 11:00 am-12:20 pm MUS 118 Wind Ensemble. Audition required. Email Alfredo.Velez@lonestar.edu for audition and info.
9767 MUENC 3212401 2590 M 1/30/14 7:00 pm-10:00 pm MUS 118 Kingwood Community Band. Late start class begins the week of 1/30/17. Audition required. Email Alfredo.Velez@lonestar.edu for audition and info.

Chamber Ensemble
MUENC 3103601 48 Contact Hours $88
Chamber Ensemble is a mixed instrumentation group of wind, string, percussion, and brass players performing chamber (small group) repertoire from any style period. This course linked to MUEN 1136. Prerequisite: ENGL 0305 or ENGL 0316 AND ENGL 0307 or 0326; OR higher level course (ENGL 1301), OR placement by testing.

LSC-Tomball
8507 MUENC 3103601 3001 M 1/30/14 11:00 am-12:20 pm E 252 Contact Lisa.R.Morales@LoneStar.edu for performance schedule and more information. Department consent required. Contact the CTE office at a LSC campus to register.

Chamber Singers
MUENC 3105101 48 Contact Hours $88
The Chamber Singers are a small vocal ensemble performing sacred and secular choral literature of various eras including madrigals. Audition required. This course is linked to MUEN 1151.

LSC-Kingwood
9745 MUENC 3105101 2440 M 1/30/14 11:00 am-12:30 pm MUS 118 Evok Chambers Singers. Late Start class begins the week of 1/30/17. Audition required. Email Todd.R.Miller@lonestar.edu for audition and info.

Concert Choir
MUENC 3930001 48 Contact Hours $88
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-Kingwood
9742 MUENC 3930001 2590 M 1/17/14 7:00 pm-10:00 pm MUS 117 Kingwood Chorale. Audition required. Email Todd.R.Miller@lonestar.edu for audition and info.
10837 MUENC 3930001 2230 M 1/17/14 11:00 am-12:20 pm MUS 117 Concert Choir. Audition required. Email Todd.R.Miller@lonestar.edu for audition and info.

LSC-Tomball
8507 MUENC 3930001 3001 M 1/30/14 11:00 am-12:20 pm E 252 Contact Lisa.R.Morales@LoneStar.edu for performance schedule and more information. Department consent required. Contact the CTE office at a LSC campus to register.

Jazz Ensemble
MUENC 3930002 48 Contact Hours $88
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-Kingwood
9667 MUENC 3930002 2440 M 1/17/14 1:30 pm-2:50 pm MUS 118 Jazz Ensemble. Audition required. Email Alfredo.Velez@lonestar.edu for audition and info.
9668 MUENC 3930002 2671 M 1/30/14 7:00 pm-10:10 pm MUS 118 Kingwood Big Band. Late Start class begins the week of 1/30/17. Audition required. Email Alfredo.Velez@lonestar.edu for audition and info.
9731 MUENC 3930002 2672 M 1/30/14 7:00 pm-10:10 pm MUS 117 ChAlOvere (mixed vocal/instrumental/jazz ensemble). Late Start class begins the week of 1/30/17. Audition required. Email Jose.Diaz@lonestar.edu for audition and info.

LSC-Tomball
8499 MUENC 3930002 3001 T 1/30/14 7:00 pm-10:00 pm E 179 Department consent required. Contact the CTE office at a LSC campus to register.

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
15088 MUAPC 3930001 1001 M 1/17/14 7:00 pm-8:00 pm Department consent required. Contact the CTE office at a LSC campus to register.
Piano Class I
MUSIC 3118101  48 Contact Hours  $108  
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-Tomball
8511 MUSC 3118101  3001  TTh  1/17/14-5/14 12:30 pm-1:50 pm  T 154  
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-University Park
14350 MUSC 3118101  6301  TTh  1/17/14-5/14  11:00 am-12:20 pm  U12 132

Piano Class II
MUSIC 3118201  48 Contact Hours  $108  
Keyboard instruction for the general music major as well as the non-music major that 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 2181.

LSC-Tomball
8513 MUSC 3118201  3001  TTh  1/17/14-5/14 12:30 pm-1:50 pm  T 154  
Department consent required. Contact the CTE office at a LSC campus to register.

Piano Class III
MUSIC 3218101  48 Contact Hours  $108  
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-Tomball
8516 MUSC 3218101  3001  TTh  1/17/14-5/14 12:30 pm-1:50 pm  T 154  
Department consent required. Contact the CTE office at a LSC campus to register.

Piano Class IV
MUSIC 3218201  48 Contact Hours  $108  
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-Tomball
8517 MUSC 3218201  3001  TTh  1/17/14-5/14 12:30 pm-1:50 pm  T 154  
Department consent required. Contact the CTE office at a LSC campus to register.

Private Music Brass
MUAPC 3104101  8 Contact Hours  $178  
One 1/2 hour lesson per week. This course is linked to MUAP 1141.

LSC-Tomball
8172 MUAPC 3104101  3001  1/17/14  
Contact Lisa.R.Morales@LoneStar.edu for permission to register. Department consent required. Contact the CTE office at a LSC campus to register.

Private Music Guitar
MUAPC 3116101  8 Contact Hours  $178  
One 1/2 hour lesson per week. This course is linked to MUAP 1157.

LSC-Tomball
8177 MUAPC 3116101  3001  1/17/14  
Contact Lisa.R.Morales@LoneStar.edu for permission to register. Department consent required. Contact the CTE office at a LSC campus to register.
Private Music Strings
MUAPC 3220101 16 Contact Hours $329
Second year, two 1/2 hour lessons per week; two credits per semester. This course is linked to MUAP 2201.

LSC-Tomball
8462 MUAPC 3220101 3001 1/17/14
Contact Lisa.R.Morales@LoneStar.edu for permission to register. Department consent required. Contact the CTE office at a LSC campus to register.
8491 MUAPC 3220101 3002 1/17/14
Contact Lisa.R.Morales@LoneStar.edu for permission to register. Department consent required. Contact the CTE office at a LSC campus to register.

Private Music Voice
MUAPC 3118101 8 Contact Hours $178
Senior Fee: $166.80
One 1/2 hour lesson per week. This course is linked to MUAP 1181.

LSC-Tomball
8184 MUAPC 3118101 3001 1/17/14
Contact Lisa.R.Morales@LoneStar.edu for permission to register. Department consent required. Contact the CTE office at a LSC campus to register.

Private Music Woodwinds
MUAPC 3102201 16 Contact Hours $329
Two 1/2 hour lessons per week; two credits per semester. This course is linked to MUAP 1222.

LSC-Tomball
8191 MUAPC 3102201 3001 1/17/14
Contact Lisa.R.Morales@LoneStar.edu for permission to register. Department consent required. Contact the CTE office at a LSC campus to register.
8193 MUAPC 3102201 3002 1/17/14
Contact Lisa.R.Morales@LoneStar.edu for permission to register. Department consent required. Contact the CTE office at a LSC campus to register.

Stage Movement
DRAMC 3102201 48 Contact Hours $240
Basic postural alignment and movement, emphasis on body awareness and rhythm. This course is linked to DRAM 1322.
Prerequisite: ENGL 0305 or ENGL 0316 AND ENGL 0307 or 0326 or 0356, OR higher level course (ENGL 1301), OR placement by testing.

LSC-University Park
14346 DRAMC 3102201 6301 TTh 1/17/14 11:00 am-12:20 pm UP12 135

Symphony Orchestra
MUENC 3112301 48 Contact Hours $88
The study and performances of music compositions for full orchestra, including string, woodwinds, brass, and percussion. Audition required. Linked to MUEN 1123.

LSC-Kingwood
9663 MUENC 3112301 2670 Th 1/17/14 7:00 pm-10:00 pm MUS 118
Kingwood Pops Orchestra. Audition required. Email Gary.Liebst@Lonestar.edu for audition and info.

Voice Instruction, Beginning
MUSIC 3118302 48 Contact Hours $88
This course is beginning voice instruction for the student who has little or no experience. This course is linked to MUSI 1183.

LSC-University Park
14352 MUSIC 3118302 6301 MW 1/17/14 11:00 am-12:20 pm UP12 132

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-down, stay-down, heel-sit-down, 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 DHL, PARVO, and Rabies (if over 4 months) vaccinations. Do not bring your dog to the first class.

LSC-Tomball
4475 ANIMC 3900102 3001 Sa 2/4/14 10:00 am-11:00 am
4476 ANIMC 3900102 3002 Sa 4/15/16 10:00 am-11:00 am

Safety: Driver Education & Firearms

Handgun Proficiency-Right to Carry
SFTYC 39000007 8 Contact Hours $113
Senior Fee: $92.20
This course fulfills the minimum hours of educational and proficiency requirements by Texas Department of Public Safety to apply for a concealed handgun license. Topics discussed include laws relating to weapons and the use of deadly force, handgun use and safety, non-violent dispute resolution, and proper storage practices. There will also be a written exam and a firearms proficiency exam, which will be conducted at a firearms range. Eye and ear protection will be available, as well as firearms. Student will need to purchase ammunition for proficiency exam (50 rounds). Fee for license paid to the state will vary depending...
on age and military status. Application process can be initiated prior to date of class by visiting www.texasonline.gov. DO NOT BRING YOUR HANDGUN INTO THE CLASSROOM.

**LSC-Tomball**

**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.

**Careers**

The Career Trek Program is designed to meet the needs of motivated developmentally disabled adults who wish to further their education beyond a high school level. Career Trek courses are tailored to provide students exceptional workforce training skills that can be utilized toward future employment opportunities.

**For more information:**

Donna Daughdrill
281-290-3957
Donna.S.Daughdrill@LoneStar.edu
GED® Test Preparation & Test

Overview
Do you need to take the GED®?

A high school diploma or its equivalent will get you into college, up the workforce ladder and closer to your personal goals. Online or face to face, full review or subject by subject, Lone Star College has a GED® for you. Lone Star College also offers test preparation for the SAT and TSIA.

For additional information, contact a campus near you or go to LoneStar.edu/College-Prep.

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.

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>January 10, 2017</td>
<td>9:00 a.m. - Noon</td>
<td>Conroe Center</td>
</tr>
<tr>
<td>January 23, 2017</td>
<td>6:00 - 9:00 p.m.</td>
<td>Greenspoint Center</td>
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<tr>
<td>January 31, 2017</td>
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<td>February 7, 2017</td>
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<td>February 20, 2017</td>
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<td>February 28, 2017</td>
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<td>March 1, 2017</td>
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<td>March 7, 2017</td>
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<td>Conroe Center</td>
</tr>
<tr>
<td>March 20, 2017</td>
<td>6:00 - 9:00 p.m.</td>
<td>Greenspoint Center</td>
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</tbody>
</table>

Contact your campus Career & Technical office for additional information sessions not listed below.
Citizenship Preparation
DEVS C 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

GED Full Review
DEVS C 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

GED® Test Preparation & Test
Course Descriptions
Senior Fee: $75
Department consent required. Contact the CTE office at a LSC campus to register.
Instruction Type: Hybrid, Internet
Closed 1.16.17 . Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Kingwood

LSC-North Harris

LSC-Tomball

LSC-University Park

GED Revisión en Español
DEVS C 3900001 42 Contact Hours $123
Senior Fee: $100.20
La preparación en las cinco áreas del GED en Español examina: GED matemáticas, estudios sociales de GED, GED ciencia, comprensión de lectura de GED y escritura GED. La persona interesada en este curso, debe ser de 17 años de edad al registrarse.

LSC-Conroe Center
Pre-GED
DEVSC 3300009 42 Contact Hours $109
Senior Fee: $89
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 6900004

LSC-CyFair
4014 DEVSC 3300009 5001 F 2/10/12 6:00 pm-9:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-North Harris
5918 DEVSC 3300009 1001 MW 1/23/8 6:00 pm-9:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.

Pre-GED in Spanish
DEVSC 3300010 42 Contact Hours $109
Senior Fee: $89
Este curso es para estudiantes que no han tenido estudios de preparatoria previos. Este curso hace hincapié en desarrollar las habilidades de pensamiento crítico en matemáticas, escritura y lectura, necesarias para una transición efectiva a clases de GED. Prerequisite: ABEAC 6900004

LSC-North Harris
5933 DEVSC 3300010 1001 TTh 4/3/15 6:00 pm-9:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.

SAT Preparation
DEVSC 3900402 32 Contact Hours $185
Senior Fee: $149.80
This course prepares high school students to take the current SAT Test. Students will learn critical thinking, and test strategies for both the verbal and math portions of the SAT test. Verbal instruction will include methods to increase reading comprehension, understanding author’s point of view, sentence completion, vocabulary emphasis, and student-written essay. Math instruction will include methods to increase problem recognition, analysis, logic utilization and deductive reasoning with an increased emphasis on topics such as linear functions, manipulations, and geometric properties.

LSC-Atascocita Center
3721 DEVSC 3900402 A001 M-Th 2/27/9 5:30 pm-9:30 pm

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, logic utilization and deductive reasoning with an increased emphasis on topics such as linear functions, manipulations, and geometric properties. 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
5210 DEVSC 3800002 C001 TTh 1/17/2 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
5211 DEVSC 3800002 C002 MW 1/23/8 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
5213 DEVSC 3800002 C003 MW 3/27/10 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
5214 DEVSC 3800002 C004 TTh 3/28/11 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
4015 DEVSC 3800002 5001 TTh 4/18/18 1:00 pm-4:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-North Harris
5936 DEVSC 3800002 1002 TTh 2/6/3/29 9:00 am-12:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.
5935 DEVSC 3800002 1001 MW 3/21/4 6:00 pm-9:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Tomball
4209 DEVSC 3800002 3001 TTh 1/24/23 9:00 am-12:00 pm
4210 DEVSC 3800002 3002 TTh 3/21/4 9:00 am-12:00 pm
4245 DEVSC 3800002 3003 MW 4/24/5 6:00 pm-9:00 pm
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 011145) 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>
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<td><strong>AGRICULTURE, FOOD &amp; NATURAL RESOURCES</strong></td>
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<td>HVAC Occupritional Entry Certificate</td>
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<td>Web Designer Certificate</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Web Developer Certificate</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>BUSINESS MANAGEMENT &amp; ADMINISTRATION</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Accounting</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Accounting, AAS</td>
<td>$35,768</td>
<td>23.6%</td>
<td>1,125</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>$46,326</td>
<td>24.1%</td>
<td>1,660</td>
</tr>
<tr>
<td>*Accounting Assistant/Budgetary Assistant Certificate</td>
<td>$35,768</td>
<td>23.6%</td>
<td>1,125</td>
</tr>
<tr>
<td>*Payroll Assistant Certificate</td>
<td>$38,128</td>
<td>26.1%</td>
<td>200</td>
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<tr>
<td><strong>Administrative Services</strong></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Administrative Services AAS, Administrative</td>
<td>$30,471</td>
<td>23.7%</td>
<td>1,710</td>
</tr>
<tr>
<td>Administrative Support Certificate Level II: Administrative Specialty</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Administrative Services AAS: Medical</td>
<td>$29,389</td>
<td>41.8%</td>
<td>1,025</td>
</tr>
<tr>
<td>Administrative Support Certificate Level II: Medical Specialty</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Administrative Services AAS: Office Applications</td>
<td>$29,066</td>
<td>15.9%</td>
<td>2,885</td>
</tr>
<tr>
<td>Administrative Support Certificate Level II: Office Applications</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Business Operations Assistant Certificate Level I</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Business Administration</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Business Administration, AAS: Business Management</td>
<td>$52,150</td>
<td>22.8%</td>
<td>1,335</td>
</tr>
<tr>
<td>Business Administration Certificate Level II: Business Management Specialization</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Business Operations Certificate Level I</td>
<td>$29,066</td>
<td>15.9%</td>
<td>2,885</td>
</tr>
<tr>
<td>Business Administration, AAS: Human Resource Specialization</td>
<td>$57,207</td>
<td>20.8%</td>
<td>365</td>
</tr>
<tr>
<td>Business Administration Certificate Level II: Human Resource Specialization</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Business Operations Certificate Level I</td>
<td>$29,066</td>
<td>15.9%</td>
<td>2,885</td>
</tr>
<tr>
<td>Business Administration, AAS: Marketing Specialization</td>
<td>$65,076</td>
<td>43.5%</td>
<td>370</td>
</tr>
<tr>
<td>Business Administration Certificate Level II: Marketing Specialization</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Business Operations Certificate Level I</td>
<td>$29,066</td>
<td>15.9%</td>
<td>2,885</td>
</tr>
<tr>
<td><strong>Construction Supervision</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Construction Supervision, AAS</td>
<td>$59,030</td>
<td>28.0%</td>
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<tr>
<td>Construction Supervision Certificate Level II</td>
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</tr>
<tr>
<td>Business Operations Certificate Level I</td>
<td>$29,066</td>
<td>15.9%</td>
<td>2,885</td>
</tr>
<tr>
<td><strong>Logistics Management</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Logistics Management, AAS</td>
<td>$86,241</td>
<td>22.9%</td>
<td>130</td>
</tr>
<tr>
<td>First Line Logistics Leader Certificate Level I</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>*Certified Logistics Associate Certificate</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>*Certified Logistics Technician Certificate</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>EDUCATION &amp; TRAINING</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Education</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Associate of Arts In Teaching</td>
<td>No wage data available</td>
<td>22.4%</td>
<td>125</td>
</tr>
<tr>
<td>*Substitute Teacher</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>*Texas Teacher Certification: Clinical Teaching Track</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>*Texas Teacher Certification: Internship Track</td>
<td></td>
<td></td>
<td></td>
</tr>
<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>$60,306</td>
<td>22.3%</td>
<td>45</td>
</tr>
<tr>
<td>Mechatronics Technician Certificate Level II</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Industrial Diesel Technology AAS</td>
<td>$42,166</td>
<td>23.6%</td>
<td>265</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 Degree</td>
<td>$60,506</td>
<td>24.3%</td>
<td>150</td>
</tr>
<tr>
<td>Petroleum Field Service Technician Certificate Level II</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Field Service Technician Certificate Level I</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Fast-track non-credit program.

<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>Petroleum Data Technology AAS Degree</td>
<td>$57,633</td>
<td>29.0%</td>
<td>180</td>
</tr>
<tr>
<td>Petroleum Data Technology Certificate</td>
<td>$67,676</td>
<td>14.5%</td>
<td>180</td>
</tr>
<tr>
<td>Process Technology AAS Degree (Effective FA/16 Pending THECB Approval)</td>
<td>$56,371</td>
<td>12.4%</td>
<td>255</td>
</tr>
<tr>
<td>Industrial Maintenance Assistant Certificate</td>
<td>$52,605</td>
<td>29.7%</td>
<td>100</td>
</tr>
<tr>
<td>Field Service Technician Certificate</td>
<td>$60,506</td>
<td>24.3%</td>
<td>150</td>
</tr>
</tbody>
</table>

| Engineering Design Technology | Architectural Technology, AAS | $41,549 | 7.9% | 70 |
| Computer-Aided Design Operator/Drafting Certificate Level I: Architectural, Civil/Structural | $48,348 | 6.7% | 90 |
| Computer-Aided Design Operator/Drafting Certificate Level I: Mechanical, Manufacturing, Product Design | $57,692 | 15.3% | 55 |

| Machining Technology | Machining Technology, AAS | $39,492 | 37.7% | 780 |
| Machine I Certificate Level I | $39,492 | 37.7% | 780 |
| Machine II Certificate Level I | $36,060 | 49.7% | 290 |
| Machine Tool (CNC) Operator Certificate | $36,060 | 49.7% | 290 |
| Machining Master Certificate | $39,492 | 37.7% | 780 |

| Welding & Inspection | Inspection Technology Specialization AAS | $34,816 | 27.6% | 680 |
| Welding Technology Specialization AAS | $37,328 | 26.3% | 870 |
| Gas Tungsten Arc Welding Certificate | $37,328 | 26.3% | 870 |
| Layout and Fabrication Welding Certificate | $37,328 | 26.3% | 870 |
| Pipe Fitting Certificate | $43,970 | 24.4% | 385 |
| Pipe Welding Certificate | $43,970 | 24.4% | 385 |
| Welding NCCER Certificate | $37,998 | 26.3% | 155 |

| FINANCE | Accounting, AAS | $35,768 | 23.6% | 1,125 |
| Accounting Certificate | $66,326 | 24.1% | 1,660 |
| Accounting Assistant/Bookkeeper Certificate | $35,768 | 23.6% | 1,125 |
| Physician Assistant Certificate | $38,128 | 26.1% | 200 |

| GOVERNMENT & PUBLIC ADMINISTRATION | No programs offered. Individual classes are available. |

| HEALTH SCIENCE | Dental Hygiene, AAS | $72,066 | 31.8% | 170 |
| Dental Assistant Certificate | $33,585 | 23.8% | 250 |

*Fast-track non-credit program.
### Median Salaries & Job Growth Projections (As of 5.24.16)

<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>Human Services, AAS: General Human Services Concentration</td>
<td>$30,920</td>
<td>21.3%</td>
<td>145</td>
</tr>
<tr>
<td>Human Services Certificate Level I</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Human Services, AAS: Substance Abuse Counseling Concentration</td>
<td>$36,334</td>
<td>28.2%</td>
<td>45</td>
</tr>
<tr>
<td>Basic Chemical Dependency Counselor Certificate Level I</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Interpretation</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Interpretation, AAS</td>
<td>$42,096</td>
<td>48.0%</td>
<td>75</td>
</tr>
<tr>
<td>ASL Communications Skills Certificate Level I</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### INFORMATION TECHNOLOGY

<table>
<thead>
<tr>
<th>Computer Applications</th>
<th>Median Wage</th>
<th>Job Growth Rate</th>
<th>Job Openings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Microsoft Office Specialist Certificate Level I</td>
<td>$46,449</td>
<td>28.6%</td>
<td>550</td>
</tr>
<tr>
<td>Computer Programming</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Computer Programming, AAS</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Computer Programmer Certificate Level I</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C++ Programming Enhanced Skills Certificate</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Visual Basic Enhanced Skills Certificate</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Geographic Information Systems</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Geographic Information Systems, AAS</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Geographic Information Systems Analyst Certificate Level II</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Geographic Information Systems Technician Certificate Level I</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Geographic Information Systems Marketable Skills Award</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Industrial Electronics

<table>
<thead>
<tr>
<th>Industrial Electronics Technology AAS Degree</th>
<th>Median Wage</th>
<th>Job Growth Rate</th>
<th>Job Openings</th>
</tr>
</thead>
<tbody>
<tr>
<td>$52,605</td>
<td>29.7%</td>
<td>100</td>
<td></td>
</tr>
</tbody>
</table>

### Integrated Technology

<table>
<thead>
<tr>
<th>Converged Technology Advanced Technical Certificate</th>
<th>Median Wage</th>
<th>Job Growth Rate</th>
<th>Job Openings</th>
</tr>
</thead>
<tbody>
<tr>
<td>$78,436</td>
<td>23.3%</td>
<td>325</td>
<td></td>
</tr>
<tr>
<td>Network &amp; Computer System Administrator AAS Degree</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Network &amp; Computer System Administrator Certificate Level II</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Network &amp; Computer System Administrator Basic Certificate Level I</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Networking: Cisco & Microsoft

<table>
<thead>
<tr>
<th>Cisco Networking, AAS</th>
<th>Median Wage</th>
<th>Job Growth Rate</th>
<th>Job Openings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cisco Network Administrator Certificate Level II</td>
<td>$78,436</td>
<td>23.3%</td>
<td>325</td>
</tr>
<tr>
<td>Cisco Network Analyst Certificate Level I</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Computer Networking, AAS</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Network and System Support Certificate Level I</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>*Cisco (CC) Network Administrator Certificate</td>
<td>$78,436</td>
<td>23.3%</td>
<td>325</td>
</tr>
</tbody>
</table>

### LAW, PUBLIC SAFETY, CORRECTIONS & SECURITY

<table>
<thead>
<tr>
<th>Emergency Medical Services Professionals</th>
<th>Median Wage</th>
<th>Job Growth Rate</th>
<th>Job Openings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Emergency Medical Services Professions, AAS</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Emergency Medical Services Professions Paramedic Certificate Level I</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Emergency Medical Services Professions Intermediate Certificate Level I</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>*Emergency Medical Technician (EMT) Basic Certification</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Fire Science Technology

<table>
<thead>
<tr>
<th>Fire Science Technology, AAS</th>
<th>Median Wage</th>
<th>Job Growth Rate</th>
<th>Job Openings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic Structural Firefighter Certificate Level I</td>
<td>$43,829</td>
<td>77.7%</td>
<td>180</td>
</tr>
<tr>
<td>Law Enforcement</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Law Enforcement, AAS</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Law Enforcement Academy Certificate Level I</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Law Enforcement Core Certificate Level I</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>*TCOLE Law Enforcement Officer</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Paralegal Studies

<table>
<thead>
<tr>
<th>Paralegal Studies, AAS</th>
<th>Median Wage</th>
<th>Job Growth Rate</th>
<th>Job Openings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paralegal Studies Advanced Technical Certificate</td>
<td>$47,812</td>
<td>30.8%</td>
<td>260</td>
</tr>
</tbody>
</table>

### Fast-track non-credit program.

---

<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>Marketing</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Business Administration AAS Degree: Marketing Specialization</td>
<td>$65,076</td>
<td>43.5%</td>
<td>370</td>
</tr>
<tr>
<td>Business Administration Certificate Level II: Marketing Specialization</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Business Administration Certificate Level III: Marketing Specialization</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Business Operations Certificate Level II</td>
<td>$290,466</td>
<td>15.9%</td>
<td>2,885</td>
</tr>
</tbody>
</table>

### SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS

<table>
<thead>
<tr>
<th>Biotechnology</th>
<th>Median Wage</th>
<th>Job Growth Rate</th>
<th>Job Openings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biotechnology, AAS</td>
<td>$39,954</td>
<td>17.5%</td>
<td>60</td>
</tr>
</tbody>
</table>

### Computer Engineering

<table>
<thead>
<tr>
<th>Computer Engineering</th>
<th>Median Wage</th>
<th>Job Growth Rate</th>
<th>Job Openings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Computer Engineering, AAS</td>
<td>$60,540</td>
<td>19.1%</td>
<td>165</td>
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</table>

### Engineering Design Graphics Technology

<table>
<thead>
<tr>
<th>Engineering Design Graphics Technology</th>
<th>Median Wage</th>
<th>Job Growth Rate</th>
<th>Job Openings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Architectural Engineering Technology, AAS</td>
<td>$41,549</td>
<td>79.0%</td>
<td>70</td>
</tr>
<tr>
<td>Mechanical Engineering Technology, AAS</td>
<td>$60,506</td>
<td>24.3%</td>
<td>150</td>
</tr>
<tr>
<td>Computer-Aided Design Operator/Drafting Certificate Level I: Architectural, Civil/Structural</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Computer-Aided Design Operator/Drafting Certificate Level I: Mechanical, Manufacturing, Product Design</td>
<td></td>
<td></td>
<td></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>
</tbody>
</table>

### TRANSPORTATION, DISTRIBUTION & LOGISTICS

<table>
<thead>
<tr>
<th>Logistics Management</th>
<th>Median Wage</th>
<th>Job Growth Rate</th>
<th>Job Openings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Logistics Management, AAS</td>
<td>$86,241</td>
<td>22.9%</td>
<td>130</td>
</tr>
</tbody>
</table>

### Industry Certification & Exam Prep Cluster

<table>
<thead>
<tr>
<th>*A+ Certification</th>
<th>Median Wage</th>
<th>Job Growth Rate</th>
<th>Job Openings</th>
</tr>
</thead>
<tbody>
<tr>
<td>*A+ Certification</td>
<td>$46,449</td>
<td>28.6%</td>
<td>550</td>
</tr>
<tr>
<td>*AWS Welding Inspector Exam Prep Certificate</td>
<td>$34,816</td>
<td>27.6%</td>
<td>680</td>
</tr>
<tr>
<td>*CompTIA A+</td>
<td>Data is not available due to program training towards an industry certification and not a specific job title.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>*CompTIA Network+</td>
<td>Data is not available due to program training towards an industry certification and not a specific job title.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>*Electrical: Journeyman: Exam Review Certificate</td>
<td>$43,370</td>
<td>25.1%</td>
<td>640</td>
</tr>
<tr>
<td>*Electrical: Master: Exam Review Certificate</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>*WSSC Certified Logistics Associate</td>
<td>$86,241</td>
<td>22.9%</td>
<td>130</td>
</tr>
<tr>
<td>*WSSC Certified Logistics Technician</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>*National Career Readiness (NCR) Certificate</td>
<td>Data is not available due to program training towards an industry certification and not a specific job title.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>*National Institute for Metalworking Skills (NIMS) Certificate</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>*Oracle DBA Certification</td>
<td>$74,039</td>
<td>22.6%</td>
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<td>*OSHA 10 and 30</td>
<td>Data is not available due to program training towards an industry certification and not a specific job title.</td>
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<tr>
<td>*Project Management Certification</td>
<td>Data is not available for supervisor/management in general, but instead it is available by subject matter for several management &amp; first line supervisor occupations.</td>
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<td>*Texas Society of CPAs</td>
<td>Data is not available due to program training towards an industry certification and not a specific job title.</td>
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<td>*Welding Inspector Certification</td>
<td>$43,684</td>
<td>40.1%</td>
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*Fast-track non-credit program.*
Do you plan to directly enter the workforce?

Associate of Applied Science (AAS) Degrees and Workforce Certificates

**Agriculture, Food & Natural Resources Cluster**

**Veterinary Technology**

- Veterinary Technology AAS Degree
- Veterinary Assistant Certificate Level I

**Architecture & Construction Cluster**

- Construction Supervision AAS Degree
- Construction Supervision Certificate Level II
- Business Operations Certificate Level I
- Carpentry NCCER Certificate Fullstack NON-CREDIT
- Concrete Finishing NCCER Certificate Fullstack NON-CREDIT
- Heavy Equipment Operator NCCER Certificate Fullstack NON-CREDIT
- Masonry NCCER Certificate Fullstack NON-CREDIT
- Plumbing Basics NCCER Certificate Fullstack NON-CREDIT
- Scaffold NCCER Certificate Fullstack NON-CREDIT
- Sheet Metal NCCER Certificate Fullstack NON-CREDIT

**Electrical Technology**

- Electrical Technology AAS Degree
- Electrical Technology Certificate Level II
- Electrical Technology Certificate Level I

**Engineering Design Technology**

- Architectural Design Technology AAS Degree
- Mechanical Design Technology AAS Degree
- Computer-Aided Design Operator/Drafting Certificate Level I: Architectural, Civil/Structural
- Computer-Aided Design Operator/Drafting Certificate Level I: Mechanical, Manufacturing, Product Design

**Arts, Audio/Visual Technology & Communication Cluster**

- Game Design & Simulation
- Visual Communication
- Web
- Business Management & Administration Cluster

- Accounting

**LSC Credit and Non-Credit Programs of Study**

- Academic Transfer Degrees and Certificates
- Credit Programs of Study are designed for students that want to join the workforce and also provide transfer credits to students planning to continue their education to obtain a bachelor's degree.
- Non-Credit programs of study are designed for students that want to obtain career training for immediate employment and generally do not include transferable college credits.

LSC Credit and Non-Credit Programs of Study are organized according to nationally recognized career clusters. Each career cluster represents a broad industry and group of occupations that require common knowledge and skills, followed by the LSC Programs of Study offered in each cluster. Each LSC Program of Study degree or certification plan details a recommended sequence of coursework based on a student's interest and career goal. Specific Credit and Non-Credit Programs of Study degree plans are available at LoneStar.edu/programs-

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<th>[CF, K, M, NH, T, UP, OL]</th>
<th>[CF, K, M, NH, T, UP, OL]</th>
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<tr>
<td>AutoCAD Draftsman Certificate Fullstack NON-CREDIT</td>
<td>SolidWorks Designer Certificate Fullstack NON-CREDIT</td>
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<td>Heating, Ventilation, Air Conditioning (HVAC) &amp; Refrigeration</td>
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<td>HVAC &amp; Refrigeration Commercial Servicing Certificate Level I</td>
<td>HVAC &amp; Refrigeration Residential Servicing Certificate Level I</td>
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CS: 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
**PROGRAMS OF STUDY**

**CREDIT AND NON-CREDIT (As of 10.26.16)**

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<td>Computer Numeric Control/Programmer Certificate Level I</td>
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<td>Layout &amp; Fabrication Welding Certificate Level I</td>
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LSC-Credit and Non-Credit Programs of Study are organized according to nationally recognized career clusters. Each career cluster represents a broad industry and group of occupations that require common knowledge and skills, followed by the LSC Programs of Study offered in each cluster. Each LSC Program of Study degree or certification plan details a recommended sequence of coursework based on a student’s interest and career goal. Specific Credit and Non-Credit Program of Study degree plans are available at LoneStar.edu/programs.

Some Courses Offered.
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<td><strong>Medical Assisting</strong></td>
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**Finance Cluster**

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<td><strong>Accounting AAS Degree</strong></td>
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<td><strong>Accounting Advanced Technical Certificate in Professional Accounting</strong></td>
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**Government & Public Administration Cluster**

No programs offered. Individual classes available.

**Health Science Cluster**

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<tr>
<td><strong>Diagnostic Medical Sonography</strong></td>
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<tr>
<td><strong>Medical Radiologic Technology AAS Degree</strong></td>
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<td><strong>Medical Laboratory Technology</strong></td>
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**Human Services Cluster**

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<tr>
<td><strong>Human Services AAS Degree: General Human Services Concentration</strong></td>
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**Interpreter Training Technology**

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### Information Technology Cluster

#### Computer Programming
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- Computer Programming Specialist AAS Degree ★ ★ ★ ★ ★
- Computer Programming Specialist Certificate Level II ★ ★ ★ ★ ★
- Computer Programmer Certificate Level I ★ ★ ★ ★ ★
- C++ Programming Enhanced Skills Certificate ★ ★ ★ ★ ★
- Visual Basic Enhanced Skills Certificate ★ ★ ★ ★ ★

#### Geographic Information Systems
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- Geographic Information Systems AAS Degree ★ ★ ★ ★ ★
- Geographic Information Systems Analyst Certificate Level II ★ ★ ★ ★ ★
- Geographic Information Systems Technician Certificate Level I ★ ★ ★ ★ ★
- Geographic Information Systems Occupational Skills Award ★ ★ ★ ★ ★

#### Integrated Technology

- Converged Technology Advanced Technical Certificate ★ ★ ★ ★ ★
- Network & Computer System Administrator AAS Degree ★ ★ ★ ★ ★
- Network & Computer Administrator Advanced Certificate Level II ★ ★ ★ ★ ★
- Network & Computer System Administrator Basic Certificate Level I ★ ★ ★ ★ ★

#### Networking: Cisco & Microsoft

- Computer Networking Cisco AAS Degree ★ ★ ★ ★ ★
- Cisco Network Administrator Certificate Level II ★ ★ ★ ★ ★
- Cisco Network Analyst Certificate Level I ★ ★ ★ ★ ★
- Computer Networking Microsoft AAS Degree ★ ★ ★ ★ ★
- Network and System Support Certificate Level I ★ ★ ★ ★ ★

- (CISCO) Network Administrator Certificate/FastTrack NON-CREDIT ★ ★ ★ ★ ★

#### Web

- Visual Communication AAS: Web Design Track ★ ★ ★ ★ ★
- Web Design Certificate Level II ★ ★ ★ ★ ★
- Web Designer Certificate/FastTrack NON-CREDIT ★ ★ ★ ★ ★
- Web Developer Certificate/FastTrack NON-CREDIT ★ ★ ★ ★ ★

### Marketing Cluster

#### Business Administration AAS Degree: Marketing Specialization
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- Business Administration Certificate Level II: Marketing Specialization ★ ★ ★ ★ ★
- Business Operations Certificate Level I ★ ★ ★ ★ ★

### Science, Technology, Engineering & Mathematics Cluster

#### Biotechnology
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- Biotechnology AAS Degree ★ ★ ★ ★ ★
- Biotechnology Laboratory Technician Advanced Technical Certificate ★ ★ ★ ★ ★

#### Engineering Design Technology

- Architectural Design Technology AAS Degree ★ ★ ★ ★ ★
- Mechanical Design Technology AAS Degree ★ ★ ★ ★ ★

- Computer-Aided Design Operator/Drafting Certificate Level I: Architectural, Civil/Structural ★ ★ ★ ★ ★
- Computer-Aided Design Operator/Drafting Certificate Level I: Mechanical, Manufacturing, Product Design ★ ★ ★ ★ ★

#### Transportation, Distribution & Logistics Cluster

#### Automotive Technology
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- Automotive Service Technician AAS Degree ★ ★ ★ ★ ★
- Automotive Service Technician Certificate Level II ★ ★ ★ ★ ★
- Automotive Service Technician Certificate Level I ★ ★ ★ ★ ★
- Automotive Technician Certificate/FASTTRACK NON-CREDIT ★ ★ ★ ★ ★
- General Automotive Service Tech Certificate/ReachLink NON-CREDIT ★ ★ ★ ★ ★

- Department of Transportation CDL, Professional Truck Driving/ReachLink NON-CREDIT ★ ★ ★ ★ ★

#### Logistics Management

- Logistics Management AAS Degree ★ ★ ★ ★ ★ ★
- First Line Logistics Leader Certificate Level I ★ ★ ★ ★ ★ ★

- MSSC Certified Logistics Associate Certificate/ReachLink NON-CREDIT ★ ★ ★ ★ ★ ★
- MSSC Certified Logistics Technician Certificate/ReachLink NON-CREDIT ★ ★ ★ ★ ★ ★

### Industry Certification & Exam Prep Cluster

- A+ Certification/FASTTRACK NON-CREDIT ★ ★ ★ ★ ★ ★
- AWS Welding Inspector Exam Prep Certificate/ReachLink NON-CREDIT ★ ★ ★ ★ ★ ★
- Comptia A+/FASTTRACK NON-CREDIT ★ ★ ★ ★ ★ ★
- Comptia Network+ FASTTRACK NON-CREDIT ★ ★ ★ ★ ★ ★
- Electrician - Journeyman Exam Review Certificate/ReachLink NON-CREDIT ★ ★ ★ ★ ★ ★
- Electrician - Master Exam Review Certificate/ReachLink NON-CREDIT ★ ★ ★ ★ ★ ★

- MSSC Certified Logistics Associate Certificate/ReachLink NON-CREDIT ★ ★ ★ ★ ★ ★
- MSSC Certified Logistics Technician Certificate/ReachLink NON-CREDIT ★ ★ ★ ★ ★ ★

- National Career Readiness (NCR) FASTTRACK NON-CREDIT ★ ★ ★ ★ ★ ★
- National Institute for Metalworking Skills (NIMS) FASTTRACK NON-CREDIT ★ ★ ★ ★ ★ ★
- Oracle DBA Certification/FASTTRACK NON-CREDIT ★ ★ ★ ★ ★ ★
- OSHA 10 and 30 FASTTRACK NON-CREDIT ★ ★ ★ ★ ★ ★
- Project Management Certification/ReachLink NON-CREDIT ★ ★ ★ ★ ★ ★
- Texas Society of CPAs FASTTRACK NON-CREDIT ★ ★ ★ ★ ★ ★
- Wedding Planner Certification/ReachLink NON-CREDIT ★ ★ ★ ★ ★ ★
- WorkKeys FASTTRACK NON-CREDIT ★ ★ ★ ★ ★ ★
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 fall 2017.

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 CISCO, 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 will introduce the Process Technology Program that will prepare graduates for entry-level careers as process technologists/operators in the petrochemical, plastics, food and beverage, and pharmaceutical industries. 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’s, 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 new, 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 160 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.
• Leading-edge technology in emerging technical job fields.
• The college’s Fine Arts department offers a comprehensive curriculum with programs in art, dance, theater and music.
• The Health Professions Building, located near Houston Northwest Medical Center, is home to many of the college’s Allied Health and Nursing programs.
• 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, a 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. Learning spaces such as the Performing Arts Center, Health Science Building, Veterinary Technology Building, Language and Culture Center, the iClassroom, the 21st Century Classroom and the Communications Center also enhance the collegiate experience for students.

• 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.
The University Centers at Lone Star College

Higher Education Close to Home
The Lone Star College University Centers offer junior, senior, graduate and doctoral level classes through partnerships with several universities. Students who enroll with one of the partner universities on-site at either The Woodlands or University Park locations are able to complete a bachelor’s, master’s or doctorate degree (or teaching certificate) without traveling to the university campuses.

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.

- 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.

2+2 = BA

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-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.

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.
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.
A
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Administrative Project Solutions  28
Aerobics I  103
Aerobics II  104
Anatomy and Physiology II, Review  55
Anatomy and Physiology I, Review  55
Arabic I, Beginning  96
Arabic II, Beginning  96
AutoCAD, Advanced  20
AutoCAD, Intermediate  20
AutoCAD, Introduction  19, 41
Automotive Electrical Systems  74
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B
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Basic Machine Shop I  42
Basic Peace Officer II  72
Basic Peace Officer III  72
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Basic Pipefitting Skills NCCER  20
Basic Principles of Oil & Gas for Industry  43
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C
Cardiovascular Technology Technician, Clinical  53
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Clinical Medical Assistant-LEC  56
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Commercial Drivers License Exam Preparation  74
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Communication for Workplace II  92
Communication for Workplace III  93
Communication for Workplace IV  93
Components of Special Education  36
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Configuring Adv Windows Server 2012 Services  65
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D
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Dental Assisting II  53
Dental Assisting III (Clinical)  53
Dental Assisting Review & Exam  53
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Digital Publishing I  24
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Electrocardiography Monitor Technician  54
Electrocardiography Technician Proctor Fee  54
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Emergency Medical Technician, Basic Clinical  55
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ESOL Grammar III  86
ESOL Grammar IV  87
ESOL Grammar V  87
ESOL Language Skills Workshop  87
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ESOL Oral Communication II  88
ESOL Oral Communication III  88
ESOL Oral Communication IV  89
ESOL Reading I  89
ESOL Reading II  89
ESOL Reading III  89
ESOL Reading IV  90
ESOL Reading V  90
ESOL Writing I  90
ESOL Writing II  91
ESOL Writing III  91
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ESOL Writing V  91
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Exercise Science  59
Floral Design Program Orientation  62
Forklift Certification  21
Foundations of Kinesiology  104
French I, Beginning  97
French II, Beginning  97
Fundamentals of Oxy-Fuel Welding/Cutting NCCER  21, 45
Funeral Design Techniques  62
Gas and Electric Heating  21
Gas Metal Arc Welding (GMAW)  45
Gas Tungsten Arc Welding (GTAW)  46
GED Full Review  112
Generalist Teacher Preparation  36
German I, Conversational  98
German II, Conversational  98
Golf II  104
Grammar and Writing for the Workplace I  95
Handgun Proficiency-Right to Carry  109
Health Occupations Orientation  57
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Hydraulics and Pneumatics  41
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IADC RigPass® Petroleum Safety and Environmental Hazards  43
IADC WellSharp®  44
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Introduction to Manufacturing  44
Introduction to Physical Fitness & Sport  104
Italian I, Conversational  98
IT Essentials  67
Japanese I, Beginning  98
Jazz Ensemble  107
Jogging I  105
**Date Residency Tuition Assistance**

<table>
<thead>
<tr>
<th>Date</th>
<th>Residency</th>
<th>Tuition Assistance</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>/</strong>/202__</td>
<td></td>
<td>□ DARS  □ TPEG</td>
</tr>
<tr>
<td>Term: □ Fall □ Spring □ Summer</td>
<td>□ In the state of Texas</td>
<td>□ Hazelwood Exempt □ WIA</td>
</tr>
<tr>
<td>State:_______ County:________</td>
<td>□ Not in the state of Texas</td>
<td>□ TAA</td>
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</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>
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<tbody>
<tr>
<td>Previous Last Name:</td>
<td>Date of Birth:</td>
<td>Phone No.</td>
<td></td>
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<tr>
<td>Address:</td>
<td>Date:</td>
<td>City:</td>
<td>State:</td>
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<tr>
<td>Mailing Address (if different):</td>
<td>City:</td>
<td>State:</td>
<td>Zip:</td>
</tr>
<tr>
<td>Email Address:</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Emergency Contact**

Name: ________________________ Relationship: ________________________ Phone No: ________________________

**Demographic Questionnaire**

**Gender:**  □ M  □ F  The following questions are used by the state to help provide support for our programs. Although not required, your cooperation is appreciated.

**Race** *(Check all that apply)*

- □ American Indian/Alaskan Native
- □ Not Hispanic or Latino
- □ Asian
- □ Black/African American
- □ Hispanic or Latino
- □ Native Hawaiian/Pacific Islander
- □ White

**Additional Information**

- □ Academically disadvantaged
- □ Economically disadvantaged
- □ Disabled
- □ Single Parent
- □ Limited English
- □ Displaced Homemaker
- □ 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 # Ex: 55555</th>
<th>Course Title</th>
<th>Catalog #</th>
<th>Campus</th>
<th>Start Date</th>
<th>Course Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td></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.

[Signature]

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.

**Charge to My:**

- □ AmEx
- □ Master Card
- □ Discover
- □ Visa

**Card No:** ________________________ **Expiration Date:** ________________________ **CID number on front or back:** ________________________

**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
LONE STAR CORPORATE COLLEGE
Open Enrollment Course Catalog & Schedule

LoneStar.edu/CorporateCollege

Customized Technical Training
Professional Development & Certification Prep
Employer Services
Corporate & Community Partnerships