FALL 2016

Career & Technical Education
Non-Credit Course Catalog & Schedule

HEALTH SCIENCE • ENERGY & MANUFACTURING • BUSINESS • INFORMATION TECHNOLOGY

LONE STAR CORPORATE COLLEGE
Open Enrollment Course Catalog and Schedule
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
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 102.
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
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  May mini-mester ends
June 5  Summer I classes begin
July 11  Summer I classes end
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
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

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

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

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

LoneStar.edu/academic-calendar

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.
# Table of Contents

**Calendar** ................................................................. 2

**General Information**
- How to Read the Schedule ........................................... 4
- Definition of Terms & Policies ..................................... 5
- Registering for Classes ................................................ 6
- Registration Form ....................................................... 7
- Student Services ........................................................ 8
- Career & Technical Education Program Listing .............. 9

**Career Cluster Programs**
- Architecture & Construction ........................................ 15
- Arts, Audio/Visual Technology & Communication ................ 19
- Business, Management & Administration ....................... 21
- Education & Training .................................................. 28
- Energy & Manufacturing ................................................ 32
- Finance ................................................................. 40
- Health Science ........................................................... 43
- Hospitality ................................................................. 52
- Information Technology ............................................... 54
- Law, Public Safety, Corrections & Security ..................... 63
- Transportation, Distribution & Logistics ......................... 65
- Industry Certification Exam & Prep .................................. 69
- Online Education (LSC-Online, Champions School of Real Estate, ed2go) .... 71
- English for Speakers of Other Languages ....................... 75
- Languages ................................................................. 86
- GED Test Preparation & Test ......................................... 91

**Programs of Study**
- Career & Technical Education Programs: Median Salaries ........ 95
- Programs of Study chart .............................................. 98

**Campuses & Contact Info** ............................................. 102

**Index** ................................................................. 110

**Registration Form** ..................................................... 112

**Locations Map** .......................................................... 113

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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.

Published June, 2016
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 8). 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

Age Guidelines
CTE classes are designed to serve adult learners. Students who are 16-17 years old must have written parental permission to attend a class.

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 status by calling their campus or going to LoneStar.edu/myLoneStar and go 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.

Sex Offender Policy
Effective September 1, 2003, the Texas Code of Criminal Procedure 62.03(h) 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 within seven days. Current LSCS board policy requires that sex offenders seeking to enroll at, provide services to, or be employed with LSCS submit information pertinent to his or her offenses to the System Review Committee to determine his or her eligibility for enrollment, vendor services or employment. A person seeking to be a student shall be required to be approved before completing the registration process.

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.
**REGISTRATION FOR CLASSES**

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

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

**Meet with an Advisor**

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

**Prerequisites**

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

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

**Register for your Career**

**To register online**

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

**Steps for online registration**

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

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

Once you have found and decided this is a class you would like to register for, click and then add it to your shopping cart by clicking Now you can return to the “Search for Classes” page to continue to search for additional classes. Or you may enter the 4-5 digit class number located in the schedule that will allow you to bypass the search and take you directly to the class you want.

If there are no other classes that you want to register for, click and . You may also add and remove classes from your shopping cart by clicking .

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

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

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

**To Register at Campus**

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

**Add/Drop Classes**

To add, drop, or change a class, you must do so 48 hours before the class start date. Students who drop the class prior to the start date are guaranteed a full refund. If a drop is made after a class starts, 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.
Date Residency Tuition Assistance

_____/______/20______

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

Last Name:                                          First Name:   Middle Name: Student ID or Soc. Sec. No.*

Previous Last Name: Date of Birth: Phone No.
Home: Cell:

Address:      City:     State:     Zip:

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

Address Change? □ Yes □ No

Email Address:

Emergency Contact Name: Relationship: Phone No:

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

Demographic Questionnaire

Gender: □ M □ F

This information is required and will be used in a nondiscriminatory manner, consistent with applicable civil rights laws. This information will be used for federal and/or state law reporting purposes only.

Race (Check all that apply)
□ American Indian/Alaskan Native
□ Asian
□ Hispanic or Latino
□ Not Hispanic or Latino
□ Black/African American
□ Native Hawaiian/Pacific Islander
□ White

Additional Information
□ Academically disadvantaged □ Limited English
□ Economically disadvantaged □ Displaced Homemaker
□ 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
□ LoneStar.edu
□ Other:

What is your primary goal?
• Personal Enrichment
□ Leisure Learning
□ Professional Development
□ Workforce Certificate, Which certificate?
□ Other

Course Selection

Class # Ex: 55555
Course Title Introduction to Computers
Catalog # ITSCC 2100103
Campus LSC-CyFair
Start Date 09/02/14
Course Fee $180

Payment is due at the time of registration.

Make all checks payable to Lone Star College System.
Please read the refund policy in the schedule.
A $20 infrastructure fee is charged per semester.

Method of Payment
Entered by
Date
Receipt #

Charge to My:
□ AmEx □ Discover
□ Master Card □ Visa

Name on Card: Authorized Signature: Billing Address:

Bottom portion to be destroyed.

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

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

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.

Refunds
Students must officially withdraw 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.

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
Veterans who are eligible for benefits under the Hazlewood Act should contact Veterans Affairs at 281.290.2922.

Check with your local LSC campus for more information on additional financial assistance programs and Workforce Grant opportunities.

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

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 Office of Counseling Services. 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
Academy for Lifelong Learning (ALL) is a membership program that offers courses specifically designed for active adults age 50+. The membership fee is nonrefundable. For more information, contact the Lone Star College ALL program nearest you.

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

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.

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.

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.

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LSC-Tomball 281.351.3398
LSC-University Park 281.401.5323

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<table>
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<tr>
<th>PROGRAM/ COURSE</th>
<th>CATALOG#</th>
<th>COURSE#</th>
<th>CONTACT HOURS</th>
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These programs are designed to prepare students for employment; however, individual workforce courses can also be taken for personal enrichment. Students who complete all courses within a program will earn a workforce certificate.

### Business Management & Administration

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### Education & Training

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Additional costs required for certification fees and testing, background checks, courses, course materials and textbooks. Preparers for Texas Teacher Certification Exams.

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Generalist Teacher Prep or Creating Successful Classrooms
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Field Experience & Mentor Fee  
Tuition and Fees  
305  $4,549.50

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

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

Machining

Machinist Certificate
Machine Shop Mathematics  MCHNC  1104306  64  $865
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
CNC Machine Controls, Fundamentals  MCHNC  1203400  64  865
Operation of CNC Turning Centers  MCHNC  1203100  64  865
Operation of CNC Machining Centers  MCHNC  1203400  64  865
Tuition and Fees  384  $5,283

Machinist Master Certificate
Machine Shop Mathematics  MCHNC  1104306  64  $865
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
Prepares for first NIMS Exam

Oil & Gas Drilling

Floor-Hand/Roustabout Certificate
IADC® Gateway
Introduction to Oil and Gas  PTRTC  1109110  24  $336
Introduction to Industrial Maintenance  INMTC  1100501  96  1,281
Basic Mechanical Skills for Energy  ENERC  1103001  48  657
Drilling (Rig Floor Core Skills)  PTRTC  1100301  80  1,073
Work Skills for the Workplace  BUSGC  1101200  16  232
IADC RIG PASS®  PTRTC  1202500  8  149
IADC WellSharp®  PTRTC  1109105  24  336
Tuition and Fees  296  $4,064

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Programs of Study

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<td>179</td>
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<td></td>
<td></td>
<td></td>
<td>+$12/8/0</td>
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</tr>
<tr>
<td>Prepares for Electrocardiograph Technician Exam</td>
<td>Required by: American Certification Agency for Healthcare Professionals</td>
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<tr>
<td>Emergency Medical Technician (EMT), Basic Certificate</td>
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</table>
### Nurse Aide (CNA) Certificate

<table>
<thead>
<tr>
<th>Program</th>
<th>CATALOG#</th>
<th>COURSE#</th>
<th>CONTACT HOURS</th>
<th>TUITION &amp; FEES</th>
<th>CAMPUS</th>
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<tbody>
<tr>
<td>Nurse Aide, Certified</td>
<td>NURAC</td>
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<tr>
<td>Nurse Aide, Certified (Clinical)</td>
<td>NURAC</td>
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<td>44</td>
<td>332</td>
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<tr>
<td>Nurse Aide State Exam Facilitator</td>
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<td>7800121</td>
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</table>

Prepares for TDADS Nurse Aide State Exam | Required by: Nurse Aide Training and Competency Program

### Patient Care Technician Certificate

<table>
<thead>
<tr>
<th>Program</th>
<th>CATALOG#</th>
<th>COURSE#</th>
<th>CONTACT HOURS</th>
<th>TUITION &amp; FEES</th>
<th>CAMPUS</th>
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<tbody>
<tr>
<td>Nurse Aide, Certified</td>
<td>NURAC</td>
<td>2100105</td>
<td>64</td>
<td>$496</td>
<td>CF</td>
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<tr>
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<td>NURAC</td>
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<td>44</td>
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<td>NURC</td>
<td>7800121</td>
<td>8</td>
<td>64</td>
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<tr>
<td>Phlebotomy, Clinical</td>
<td>PLABC</td>
<td>2102301</td>
<td>96</td>
<td>816</td>
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<td>Electrocardiography</td>
<td>ECRDC</td>
<td>2101100</td>
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<td>126</td>
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<td>Medical Terminology</td>
<td>HITTC</td>
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</table>

Prepares for TDADS Nurse Aide State Exam | Nurse Aide Training and Competency Program | Preps for NHA Exam. Required by: National Center for Competency Testing, National Healthcare Association, American Society for Clinical Pathology

### Personal Trainer Certificate

<table>
<thead>
<tr>
<th>Program</th>
<th>CATALOG#</th>
<th>COURSE#</th>
<th>CONTACT HOURS</th>
<th>TUITION &amp; FEES</th>
<th>CAMPUS</th>
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<tr>
<td>Personal Training</td>
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<td>Exercise Science</td>
<td>FITTC</td>
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<td>$857</td>
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</table>

Prepares for certification by National Academy of Sports Medicine (NASM) exam.

### Phlebotomist Certificate

<table>
<thead>
<tr>
<th>Program</th>
<th>CATALOG#</th>
<th>COURSE#</th>
<th>CONTACT HOURS</th>
<th>TUITION &amp; FEES</th>
<th>CAMPUS</th>
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</thead>
<tbody>
<tr>
<td>Phlebotomy</td>
<td>PLABC</td>
<td>2102301</td>
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<td>$816</td>
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<tr>
<td>Phlebotomy, Clinical</td>
<td>PLABC</td>
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<td>Tuition and Fees</td>
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### Information Technology

### Cisco Network Administrator (CCNA) Certificate

<table>
<thead>
<tr>
<th>Program</th>
<th>CATALOG#</th>
<th>COURSE#</th>
<th>CONTACT HOURS</th>
<th>TUITION &amp; FEES</th>
<th>CAMPUS</th>
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</thead>
<tbody>
<tr>
<td>Introduction to Networks; Linked to ITCC 1375</td>
<td>ITCCC</td>
<td>2107502</td>
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<td>$240</td>
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<tr>
<td>Routing &amp; Switching Essentials; Linked to ITCC 1376</td>
<td>ITCCC</td>
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<td>Scaling Networks; Linked to ITCC 2376</td>
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<tr>
<td>Connecting Networks; Linked to ITCC 2379</td>
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<td>$960</td>
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</table>

Prepares for CISCO Certification Exam.

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

### Law Enforcement Officer Certificate

<table>
<thead>
<tr>
<th>Program</th>
<th>CATALOG#</th>
<th>COURSE#</th>
<th>CONTACT HOURS</th>
<th>TUITION &amp; FEES</th>
<th>CAMPUS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Peace Officer I</td>
<td>CJLEC</td>
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<td>175</td>
<td>$733</td>
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<td>2101202</td>
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<td>733</td>
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<td>Peace Officer III</td>
<td>CJLEC</td>
<td>2101802</td>
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<td>Peace Officer IV</td>
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</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.

### Transportation, Distribution, & Logistics

#### Automotive Technician Certificate

<table>
<thead>
<tr>
<th>Program</th>
<th>Course</th>
<th>Catalog #</th>
<th>Contact Hours</th>
<th>Tuition &amp; Fees</th>
</tr>
</thead>
<tbody>
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<td>AUMTC 2100501</td>
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<td>$326</td>
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<td>CF</td>
<td>LSC-CyFair</td>
<td>AUMTC 2100701</td>
<td>112</td>
<td>326</td>
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<tr>
<td>K</td>
<td>LSC-Kingwood</td>
<td>AUMTC 2101001</td>
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<td>Tuition and Fees</td>
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#### Certified Logistics Associate Certificate

<table>
<thead>
<tr>
<th>Program</th>
<th>Course</th>
<th>Catalog #</th>
<th>Contact Hours</th>
<th>Tuition &amp; Fees</th>
</tr>
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<tbody>
<tr>
<td>NH</td>
<td>LSC-North Harris</td>
<td>LMGTC 1109307</td>
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<td>$530</td>
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<td>NH</td>
<td>LSC-Victory Center</td>
<td>LMGXC 5200001</td>
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<tr>
<td>Tuition and Fees</td>
<td>39</td>
<td>$683</td>
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</table>

- Prepares students for MSSC/CLA | Program includes training material and one (1) certified exam per required component.

#### Certified Logistics Technician Certificate

<table>
<thead>
<tr>
<th>Program</th>
<th>Course</th>
<th>Catalog #</th>
<th>Contact Hours</th>
<th>Tuition &amp; Fees</th>
</tr>
</thead>
<tbody>
<tr>
<td>NH</td>
<td>LSC-North Harris</td>
<td>LMGTC 1109308</td>
<td>36</td>
<td>$530</td>
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<tr>
<td>NH</td>
<td>LSC-Victory Center</td>
<td>LMGXC 5200001</td>
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<tr>
<td>Tuition and Fees</td>
<td>39</td>
<td>$683</td>
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</table>

- Prepares students for MSSC/CLT | Program includes training material and one (1) certified exam per required component.

#### Professional Truck Driver Certificate

<table>
<thead>
<tr>
<th>Program</th>
<th>Course</th>
<th>Catalog #</th>
<th>Contact Hours</th>
<th>Tuition &amp; Fees</th>
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<td>Tuition and Fees</td>
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</table>

- Texas Department of Public Safety

### Industry Certification & Exam Prep

#### A+ Certification

<table>
<thead>
<tr>
<th>Program</th>
<th>Course</th>
<th>Catalog #</th>
<th>Contact Hours</th>
<th>Tuition &amp; Fees</th>
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</thead>
<tbody>
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<td>LSC-University Park</td>
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- Prepares for CompTIA A+ Certification Examinations 220-801 & 220-802

#### Electrician - Journeyman: Exam Review

<table>
<thead>
<tr>
<th>Program</th>
<th>Course</th>
<th>Catalog #</th>
<th>Contact Hours</th>
<th>Tuition &amp; Fees</th>
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<tbody>
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<td>Total</td>
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#### Electrician - Master: Exam Review

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<th>Program</th>
<th>Course</th>
<th>Catalog #</th>
<th>Contact Hours</th>
<th>Tuition &amp; Fees</th>
</tr>
</thead>
<tbody>
<tr>
<td>V</td>
<td>LSC-Victory Center</td>
<td>ELPTC 2104001</td>
<td>48</td>
<td>$657</td>
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<tr>
<td>V</td>
<td>LSC-Victory Center</td>
<td>ELPTC 2205203</td>
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<td>Tuition and Fees</td>
<td>96</td>
<td>$1,314</td>
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</table>

#### Oracle Certification

<table>
<thead>
<tr>
<th>Program</th>
<th>Course</th>
<th>Catalog #</th>
<th>Contact Hours</th>
<th>Tuition &amp; Fees</th>
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<td>UP</td>
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<td>UP</td>
<td>LSC-University Park</td>
<td>ITSEC 1109104</td>
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- Prepares for the Oracle DBA exam

#### Welding Inspector Exam Prep

<table>
<thead>
<tr>
<th>Program</th>
<th>Course</th>
<th>Catalog #</th>
<th>Contact Hours</th>
<th>Tuition &amp; Fees</th>
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</thead>
<tbody>
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<td>NDTEC 1201102</td>
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<td>$657</td>
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<tr>
<td>V</td>
<td>LSC-Victory Center</td>
<td>NDTEC 1201103</td>
<td>48</td>
<td>657</td>
</tr>
<tr>
<td>Tuition and Fees</td>
<td>96</td>
<td>$1,314</td>
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</tr>
</tbody>
</table>

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Search & Register for classes online at LoneStar.edu/CE
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

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

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

**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

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

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

LSC-Conroe Center
4043 DFTGC 2101401 C001 MW 8/22/9/15 6:00 pm-10:00 pm CC 215 Closed 9/5/2016.

LSC-CyFair
17454 DFTGC 2101401 5002 MW 8/22/19 6:00 pm-10:00 pm CASA 219 Department consent required. Contact the CTE office at a LSC campus to register.
17547 DFTGC 2101401 5003 Th 8/23/15 6:00 pm-10:00 pm CASA 219 Department consent required. Contact the CTE office at a LSC campus to register.
17544 DFTGC 2101401 5001 Su 8/27/10/1 Mandatory orientation. For information email Randel.H.Dobson@LoneStar.edu. Department consent required. Contact the CTE office at a LSC campus to register.

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
4050 DFTGC 1105000 C001 MW 9/26/10/19 6:00 pm-10:00 pm CC 215 Department consent required. Contact the CTE office at a LSC campus to register.

LSC-CyFair
4727 DFTGC 1105000 5003 Th 9/20/10/13 6:00 pm-10:00 pm
4726 DFTGC 1105000 5002 MW 9/26/10/19 6:00 pm-10:00 pm
4725 DFTGC 1105000 5001 Sa 10/8/11/12 Instruction Type: Online.

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
4057 DFTGC 1200400 C001 MW 10/31/11/28 6:00 pm-10:00 pm CC 215 Department consent required. Contact the CTE office at a LSC campus to register. Closed 11/23/2016.

LSC-CyFair
4730 DFTGC 1200400 5003 Th 10/18/11/10 6:00 pm-10:00 pm
4729 DFTGC 1200400 5002 MW 10/24/11/16 6:00 pm-10:00 pm
4728 DFTGC 1200400 5001 Sa 11/19/12/24 Instruction Type: Online.

Basic Pipefitting Skills NCER
PPCBC 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
10038 PFPBC 2100801 1001 9/14/10/4
10038 PFPBC 2100801 1001 W 9/14 10:00 am-3:30 pm
10038 PFPBC 2100801 1001 M-Th 9/15/10/3 7:30 am-3:30 pm
10038 PFPBC 2100801 1001 T 10/4 7:30 am-10:00 am

Construction Methods & Materials I NCER
CNBTC 2101106 73 Contact Hours $982
This course develops a foundation for construction skilled 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
10025 CNBTC 2101106 1002 M-Th 8/22/7/6 7:30 am-3:30 pm
10035 CNBTC 2101106 1003 M-Th 8/29/9/13 7:30 am-3:30 pm
15500 CNBTC 2101106 1005 M-Th 7/9/21 7:30 am-3:30 pm
10025 CNBTC 2101106 1002 W 9/7 7:30 am-12:30 pm
10040 CNBTC 2101106 1004 M-Th 9/12/26 7:30 am-3:30 pm
10035 CNBTC 2101106 1003 W 9/14 7:30 am-10:00 am
15500 CNBTC 2101106 1005 Th 9/22 7:30 am-12:30 pm
10040 CNBTC 2101106 1004 T 9/27 7:30 am-12:30 pm
Forklift Certification
CNSEC 1100304  10 Contact Hours  $154
Information and training for forklift operators including forklift
design, controls and instrumentation, comprehensive pre-use
inspection, and forklift stability and factors affecting stability.
Includes hands-on training and demonstration of proficiency.
Providing a Train the Trainer Workshop.

LSC-University Park
16295 CNSEC 1100304 6001 WTH 9/14-9/15 8:00 am-1:00 pm UPEMI 110
16297 CNSEC 1100304 6002 WTH 10/12-10/13 8:00 am-1:00 pm UPEMI 110
16299 CNSEC 1100304 6003 WTH 11/16-11/17 8:00 am-1:00 pm UPEMI 110

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
Start anytime and complete in twelve weeks! Call 281.312.1660 to register.
Department consent required. Contact the CTE office at a LSC campus to register.
Instruction Type: Online.

Refrigeration Principles
HARTC 2100701  96 Contact Hours  $336
An introduction to the refrigeration cycle, basic thermodynamics,
heat transfer, temperature/pressure relationship safety,
refrigeration 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
Start anytime and complete in twelve weeks! Call 281.312.1660 to register.
Department consent required. Contact the CTE office at a LSC campus to register.

Refrigeration Principles NCCER
HARTC 2100705  120 Contact Hours  $1593
An introduction to the refrigeration cycle, heat transfer theory,
temperature/pressure relationship, refrigerant handling,
refrigeration components, and safety.

LSC-North Harris
10046 HARTC 2100705 1001 T 9/27 12:30 pm-3:30 pm
Department consent required. Contact the CTE office at a LSC campus to register.
10046 HARTC 2100705 1001 M-Th 9/28-10/24 7:30 am-3:30 pm
10046 HARTC 2100705 1001 T 10/25 7:30 am-12:30 pm
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
17552 DFTGC 2109120 5001 MW 9/12-10/12 6:00 pm-9:00 pm CASA 219
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-North Harris
2701 DFTGC 2109120 1001 TTh 9/6-10/6 6:00 pm-9:00 pm DTEC 103

LSC-University Park
7049 DFTGC 2109120 6001 Sa 9/10-10/8 9:00 am-3:00 pm UP-EMI 214
7065 DFTGC 2109120 6002 Su 10/29-12/17
Instruction Type: Online.

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
4733 DFTGC 1109101 5001 MW 10/17-11/16 6:00 pm-9:00 pm CASA 219
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-North Harris
2701 DFTGC 1109101 1001 TTh 10/11-11/10 6:00 pm-9:00 pm DTEC 103

LSC-University Park
17587 DFTGC 1109101 6002 Sa 10/22-11/19 9:00 am-3:00 pm UP-EMI 214
17590 DFTGC 1109101 6003 Su 10/29-12/17
Instruction Type: Online.

14154 DFTGC 1109101 6001 TTh 11/15-12/15 6:00 pm-10:00 pm

Notes:
- Financial Aid is available for those who qualify
- Industry experienced faculty
- High tech facilities for hands-on training

National Center for Construction Education and Research (NCCER) is partnering with Lone Star College to provide approved training in Welding, HVAC, Pipefitting and Ironworking! Enter into the fastest-growing industry in Houston by selecting your courses today!

Register Today!
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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</thead>
<tbody>
<tr>
<td>HTML I, Website Development (Introduction)</td>
<td>32</td>
<td>$440</td>
</tr>
<tr>
<td>Photoshop I for Web</td>
<td>24</td>
<td>$336</td>
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<tr>
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<td>24</td>
<td>$336</td>
</tr>
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**Web Developer**

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<td>24</td>
<td>$336</td>
</tr>
<tr>
<td>HTML II: Website Development (Advanced)</td>
<td>24</td>
<td>$336</td>
</tr>
<tr>
<td>Wordpress II</td>
<td>32</td>
<td>$440</td>
</tr>
<tr>
<td>Designing Effective Websites</td>
<td>16</td>
<td>$232</td>
</tr>
<tr>
<td>SEO: Analytics and Tracking</td>
<td>16</td>
<td>$232</td>
</tr>
</tbody>
</table>

Linked with a credit course. See page 5 for requirements.
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
15907  ARTCC 2101701 2001 Th  8/29/12-18  9:30 am-11:50 am  ADM 202

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
15904  ARTCC 2100202 2001 MW  8/29/12-18  1:30 pm-3:50 pm  ADM 202
Class Topic: Instructor: Monteferante
LSC-Montgomery
14797  ARTCC 2100202 4301 T  8/29/12-18  6:30 pm-9:00 pm  MCF F331
Blended; In person with some online instruction required. Online orientation required. Access your course at www.LoneStar.edu/lsc-online. Instruction Type: Hybrid, Internet.

LSC-North Harris
10375  ARTCC 2100202 1001 MW  8/29/12-18  8:30 am-10:20 am  DTEC 111
Use Photoshop. Additional 1 hr/week in open lab. Department consent required. Contact the CTE office at a LSC campus to register. Instruction Type: Hybrid, Computer.
10401  ARTCC 2100202 1003 MW  8/29/12-18  2:00 pm-4:20 pm  DTEC 113
Use Photoshop. Additional 1 hr/week in open lab. Department consent required. Contact the CTE office at a LSC campus to register. Instruction Type: Hybrid, Computer.
10415  ARTCC 2100202 1007 F  9/9/12-18  DTEC 111
Use Photoshop. Additional 1 hr/week in open lab. Department consent required. Contact the CTE office at a LSC campus to register. Instruction Type: Hybrid, Computer.
10409  ARTCC 2100202 1005 T  9/9/12-18  6:00 pm-9:50 pm  DTEC 113
Use Photoshop. Additional 1 hr/week in open lab. Department consent required. Contact the CTE office at a LSC campus to register. Instruction Type: Hybrid, Computer.

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
15397  ITNWC 2105901 K001 W  8/31-10/19  6:00 pm-10:00 pm
Overview

Never have there been so many options for business-minded people. We 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.

Programs

**Accounting Assistant/Bookkeeper Certificate,**
See Finance

**Bookkeeper/Payroll Clerk Certificate,**
See Finance

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

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

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-Creekside Center**
15365 ACNTC 2100106 K001 MW 9/7-9/26 6:00 pm-10:00 pm

**LSC-CyFair**
4759 ACNTC 2100106 5001 TTh 9/20-10/6 6:00 pm-10:00 pm

**LSC-Kingwood**
5779 ACNTC 2100106 2001 MW 9/19-10/26 9:00 am-1:00 pm

**LSC-North Harris**
2657 ACNTC 2100106 1001 TTh 9/6-9/29 6:00 pm-9:00 pm DETC 102

**LSC-Tomball**
2918 ACNTC 2100106 3001 MW 10/17-11/2 9:00 am-1:00 pm

**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-Conroe Center**
6057 ACNTC 2104201 C001 MW 9/12-10/5 6:00 pm-10:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.

**LSC-Creekside Center**
15376 ACNTC 2104201 K001 MW 9/28-10/17 6:00 pm-10:00 pm

**LSC-CyFair**
4763 ACNTC 2104201 5001 TTh 10/11-10/27 6:00 pm-10:00 pm

**LSC-Kingwood**
5781 ACNTC 2104201 2001 TTh 10/4-11/10 7:00 pm-9:00 pm
5782 ACNTC 2104201 2002 MW 10/31-12/14 9:00 am-11:00 am

**LSC-North Harris**
2659 ACNTC 2104201 1001 TTh 10/4-10/27 6:00 pm-9:00 pm DETC 102

**LSC-Tomball**
2920 ACNTC 2104201 3001 MW 11/7-11/30 9:00 am-1:00 pm E 182

**Accounting II, Principles**
ACCTC 3200202 80 Contact Hours $312
An introduction to managerial accounting including a study of costs and cost behavior within business entities, the use of cost information for planning and control decisions, and product costing for purposes of inventory valuation and income determination. This course is linked to ACCT 2402. Prerequisite: ACCT 2401.

**LSC-Kingwood**
15352 ACCTC 3200202 2001 MW 8/29-12/18 10:30 am-12:50 pm LB 220

**LSC-North Harris**
12046 ACCTC 3200202 1003 MW 8/29-12/18 1:00 pm-2:15 pm
Hybrid class some face to face meetings required Internet access and minimum computer skills required Lab hours are included in Lecture Component Department consent required. Contact the CTE office at a LSC campus to register. Instruction Type: Hybrid, Internet.
13932 ACCTC 3200202 1011 TTh 8/29-12/18 3:00 pm-5:20 pm
Department consent required. Contact the CTE office at a LSC campus to register.

**Business Law**
BUSIC 3200501 48 Contact Hours $237
The course provides the student with foundational information about the U.S. legal system and dispute resolution, and their impact on business. The major content areas will include general principles of law, the relationship of business and the U.S. Constitution, state and federal legal systems, the relationship between law and ethics, contracts, sales, torts, agency law, intellectual property, and business law in the global context. This course is linked to BUSI 2301. Prerequisite: College Level Readiness in Reading AND Writing.

**LSC-Montgomery**
14883 BUSIC 3200501 4301 M 8/29-12/18 6:00 pm-9:00 pm
14882 BUSIC 3200501 4002 TTh 8/29-12/18 8:30 am-9:50 am

**Business Principles**
BUSIC 3100101 48 Contact Hours $237
This course provides a survey of economic systems, forms of business ownership, and considerations for running a business. Students will learn various aspects of business, management, and leadership functions; organizational considerations; and decision-making processes. Financial topics are introduced, including accounting, money and banking, and securities markets. Also included are discussions of business challenges in the legal and regulatory environment, business ethics, social responsibility, and international business. Emphasized is the dynamic role of business in everyday life. This course is linked to BUSI 1301.

**LSC-Montgomery**
14846 BUSIC 3100101 4001 MW 8/29-12/18 8:30 am-9:50 am
14850 BUSIC 3100101 4002 TTh 8/29-10/23 12:00 pm-1:20 pm

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

**LSC-Montgomery**
16721 BMGTC 1101900 4001 MSu 8/29-9/2
Please contact instructor by email before start date of course at Janet.L.Taber@lonestar.edu. Instruction Type: Online.
16722 BMGTC 1101900 4002 MSu 10/10-10/14
Please contact instructor by email before start date of course at Janet.L.Taber@lonestar.edu. Instruction Type: Online.

**LSC-University Park**
13986 BMGTC 1101900 6001 MSu 8/29-9/2
Please contact instructor by email before start date of course at Janet.L.Taber@lonestar.edu. Instruction Type: Online.
14005 BMGTC 1101900 6002 MSu 10/10-10/14
Please contact instructor by email before start date of course at Janet.L.Taber@lonestar.edu. Instruction Type: Online.
Employee Performance Review
BMGT 1110100 8 Contact Hours $128
A course to provide organizational leaders with methods to conduct discussions on workplace performance. Topics include identifying performance situations which require action and preparing for a collaboration performance review.

LSC-Montgomery
16719 BMGT 1110100 4001 MSu 9/19/23
Please contact instructor by email before start date of course at Janet.L.Taber@lonestar.edu. Instruction Type: Online.
16720 BMGT 1110100 4002 MSu 10/31-11/4
Please contact instructor by email before start date of course at Janet.L.Taber@lonestar.edu. Instruction Type: Online.

LSC-University Park
13996 BMGT 1110100 6001 MSu 9/19/23
Please contact instructor by email before start date of course at Janet.L.Taber@lonestar.edu. Instruction Type: Online.
14014 BMGT 1110100 6002 MSu 10/31-11/4
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-Conroe Center
6060 ITSWC 2102224 C001 MW 10/17-10/26 6:00 pm-10:00 pm
LSC-Creekside Center
15404 ITSWC 2102224 K001 MW 11/9-11/21 6:00 pm-10:00 pm
LSC-CyFair
4793 ITSWC 2102224 5001 Sa 10/15-10/22 8:00 am-5:00 pm

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

LSC-Conroe Center
6082 ITSWC 2104606 C001 MW 10/31-11/9 6:00 pm-10:00 pm

Excel
LSC-Creekside Center
15405 ITSWC 2104606 K001 MW 11/28-12/7 6:00 pm-10:00 pm
LSC-CyFair
4794 ITSWC 2104606 5001 Sa 10/29-11/5 8:00 am-5:00 pm

Information and Project Management
BMGT 2102301 48 Contact Hours $237
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. Participants must have high school diploma, successful completion of the GED or be in the early admissions program. This course is linked to BMGT 1309.

LSC-University Park
14839 BMGT 2102301 4301 T 9/26-12/18 6:00 pm-8:30 pm MCF F316
Late start 12 week course begins 9/26/2016 and ends 12/18/2016. Blended: In person with some online instruction required. Online orientation required. Access your course at www.LoneStar.edu/lsc-online. Instruction Type: Hybrid, Internet.

Lead Effective Meetings
BMGT 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-University Park
14000 BMGT 1109121 6001 MSu 9/26-9/30
Please contact instructor by email before start date of course at Janet.L.Taber@lonestar.edu. Instruction Type: Online.
14017 BMGT 1109121 6002 MSu 11/17-11/11
Please contact instructor by email before start date of course at Janet.L.Taber@lonestar.edu. Instruction Type: Online.
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
5430 BMGTC 1109150 6001 Th 8/30-10/20 6:30 pm-9:30 pm  UP-EMI 212
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. This course 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
5435 BMGTC 1109151 6001 MW 9/12-11/2 8:30 am-11:50 am  UP-EMI 212

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-Montgomery
16728 BMGTC 1109502 4001 MTh 9/12/16
Please contact instructor by email before start date of course at Janet.L.Taber@lonestar.edu Instruction Type: Online.

16729 BMGTC 1109502 4002 5Tu 10/24-10/28
Please contact instructor by email before start date of course at Janet.L.Taber@lonestar.edu Instruction Type: Online.

LSC-University Park
13991 BMGTC 1109502 6001 MTh 9/12/16
Please contact instructor by email before start date of course at Janet.L.Taber@lonestar.edu Instruction Type: Online.

14012 BMGTC 1109502 6002 5Tu 10/24-10/28
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-Montgomery
14841 BMGTC 2102701 4001 MW 8/29-12/18 10:00 am-11:20 am

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
15369 ACNTC 2101511 K001 MTh 10/18-10/26 6:00 pm-10:00 pm

LSC-Montgomery
7625 ACNTC 2101511 4001 Sa 10/1-10/15
Department consent required. Contact the CTE office at a LSC campus to register. Instruction Type: Online.

LSC-Tomball
6917 ACNTC 2101511 3001 Th 9/6-9/22 9:00 am-1:00 pm

Payroll Accounting II
ACNTC 2109112  24 Contact Hours $336
Continuation of Payroll Accounting I. Focus on payroll and associated records, including time and record keeping, actual payroll, and quarterly and annual reports.

LSC-Creekside Center
15381 ACNTC 2109112 K001 MTh 10/27-11/7 6:00 pm-10:00 pm

LSC-Montgomery
7628 ACNTC 2109112 4001 Sa 10/29-11/12
Department consent required. Contact the CTE office at a LSC campus to register. Instruction Type: Online.

LSC-Tomball
6948 ACNTC 2109112 3001 Th 9/27-10/13 9:00 am-1:00 pm E 182

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
2919 ACNTC 2109108 3001 Sa 9/10-10/8 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
2921 ACNTC 2109107 3001 Sa 10/15/11/19 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-Montgomery
14881 BUSIC 3100401 4001 Th 8/29-12/18 10:00 am-11:20 am

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
5423 BMGXC 5000134 6001 M/W 9/12/14 8:00 am-5:00 pm
Instruction Type: Hybrid, Internet.
5423 BMGXC 5000134 6001 9/15/16
Instruction Type: Hybrid, Internet.
5428 BMGXC 5000134 6002 M/W 10/17-10/19 8:00 am-5:00 pm
Instruction Type: Hybrid, Internet.
5428 BMGXC 5000134 6002 10/20-10/21
Instruction Type: Hybrid, Internet.

Professionalism in Workplace
BUSGC 2101202 16 Contact Hours $232
Develop entry-level skills for the workforce. Includes professionalism, interpersonal skills, communication, workplace civility, and employability skills.

LSC-North Harris
2359 BUSGC 2101202 1001 M/Su 10/10-10/31
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-Conroe Center
6087 ACNTC 2101002 2001 Th 11/15-11/29 6:00 pm-10:00 pm
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
Team Building in the Workplace
BMGT1 1101907  8 Contact Hours  $128
Basic principles of building and sustaining teams in organizations. Includes team dynamics, process improvement, trust and collaboration, and the role of the individual in the team.

LSC-Montgomery
16723 BMGT1 1101907 4001  MSu  9/6-9/9
Please contact instructor by email before start date of course at Janet.L.Taber@lonestar.edu. Instruction Type: Online.
16725 BMGT1 1101907 4002  MSu  10/17-10/21
Please contact instructor by email before start date of course at Janet.L.Taber@lonestar.edu. Instruction Type: Online.

LSC-University Park
13989 BMGT1 1101907 6001  MSu  9/6-9/9
Please contact instructor by email before start date of course at Janet.L.Taber@lonestar.edu. Instruction Type: Online.
14009 BMGT1 1101907 6002  MSu  10/17-10/21
Please contact instructor by email before start date of course at Janet.L.Taber@lonestar.edu. Instruction Type: Online.

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

LSC-North Harris
1871  BUSGC 2109124 1001  M  9/12-11/28  6:00 pm-9:30 pm  CMED 206

Work Skills for the Workplace
BUSGC 2101200  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
16209 BUSGC 2101200 0001  F  11/4-11/11  8:00 am-5:00 pm  CC 215

LSC-North Harris
2360 BUSGC 2101200 1001  A Su  10/10-10/21
Instruction Type: Online.

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.

Office Accounting

Develop, advance and enhance your business and communication skills today.

Courses are available in professional development, management, verbal and written communication, business etiquette, and more.

Non-profit management courses are also available.

For more information, email CorporateCollege@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

**Substitute Teacher**

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

**Texas Teacher Certification - Clinical Teaching Track**

- **303 hours, $3,031.50**
- Pedagogy and Professional Responsibilities (PPR): 108 hours, $856
- TESE Review: PPR EC-12: 7 hours, $105.50
- Clinical Teaching: 62 hours, $1,018
- Components of Special Education: 48 hours, $526
- Generalist Teacher Prep or Creating Successful Classrooms: 48 hours, $526
- Field Experience: 30 hours

**Texas Teacher Certification - Internship Track**

- **305 hours, $4,549.50**
- Pedagogy and Professional Responsibilities PPR: 108 hours, $856
- TESE Review: PPR EC-12: 7 hours, $105.50
- TCP Internship I: 32 hours, $1,018
- TCP Internship II: 32 hours, $1,018
- Components of Special Education: 48 hours, $526
- Generalist Teacher Prep or Creating Successful Classrooms: 48 hours, $526
- Field Experience & Mentor Fee: 30 hours, $500

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
3735  ATCPC  7000026  2001 W  8/24-12/8
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
4568  ATCPC  7000027  5001 M  8/22-11/14
Instruction Type: Online.

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
4028  ATCPC  7000081  1001 M  9/12-12/12
Instruction Type: Online.

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
4582  ATCPC  7000086  5001 M  9/12-12/12
Instruction Type: Online.

LSC-Greenspoint Center
3750  ATCPC  7000086  2002  Sa  11/5  8:30 am-4:00 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
3747  ATCPC  7009301  2001  Sa  9/10  8:30 am-4:00 pm
Instruction Type: Hybrid, Internet.

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
4570  ATCPC  7000062  5001 M  8/22-12/12
Instruction Type: Online.

LSC-Kingwood
3738  ATCPC  7000062  2001 W  8/31-12/7  6:00 pm-9:00 pm
Instruction Type: Hybrid, Internet.

LSC-North Harris
4027  ATCPC  7000062  1001 Th  10/18-12/8  6:00 pm-9:00 pm
Instruction Type: Hybrid, Internet.
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**
4607 EDTCC 2100201 5001 Sa 9/10/17 8:30 am-3:30 pm

**LSC-Greenspoint Center**
4046 EDTCC 2100201 G001 ThF 11/10/11 8:30 am-3:30 pm

**LSC-Kingwood**
3767 EDTCC 2100201 2001 W 10/5/10/26 6:00 pm-9:00 pm

**LSC-North Harris**
4045 EDTCC 2100201 1001 M 9/12/26

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.

**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**
4578 ATCPC 7000066 5001 M 8/22/12

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**
4578 ATCPC 7000066 5001 M 8/22/12

**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**
4022 ATCPC 7200013 4001 Sa 9/10/17 8:30 am-3:30 pm

**LSC-North Harris**
4039 ATCPC 7200013 1001 Sa 10/15/10/22 8:30 am-3:30 pm

**TExES Review: Generalist 4-8**
ATCPC 7200021 7 Contact Hours $105.50
The TExES review course is an overview of the standards and competencies needed to pass the TExES examination. The course provides students with preparation training at the appropriate grade and content levels.

**LSC-Greenspoint Center**
4040 ATCPC 7200021 6001 Sa 9/17 8:30 am-4:00 pm
4044 ATCPC 7200021 6002 Sa 10/15 8:30 am-4:00 pm

**TExES Review: Generalist EC-6**
ATCPC 7200014 7 Contact Hours $105.50
The TExES review course is an overview of the standards and competencies needed to pass the TExES examination. The course provides students with preparation training at the appropriate grade and content levels.

**LSC-Kingwood**
3754 ATCPC 7200014 2001 Sa 9/17 8:30 am-4:00 pm
3755 ATCPC 7200014 2002 Sa 10/15 8:30 am-4:00 pm
**TExES Review: Math**
ATCPC 7200016 7 Contact Hours $105.50
The TExES review course is an overview of the standards and competencies needed to pass the TExES examination. The course provides students with preparation training at the appropriate grade and content levels.

**LSC-Kingwood**
3756 ATCPC 7200016 2001 Sa 9/17 8:30 am-4:00 pm
3758 ATCPC 7200016 2002 Sa 10/15 8:30 am-4:00 pm

**TExES Review: PPR EC-12**
ATCPC 7200018 7 Contact Hours $105.50
The TExES review course is an overview of the standards and competencies needed to pass the TExES examination. The course provides students with preparation training at the appropriate grade and content levels. This course is required to meet the 300+ hours of coursework and training to be in compliance with the Texas Education Agency to be recommended for a Standard Certification.

**LSC-Kingwood**
3762 ATCPC 7200018 2001 Sa 12/3 8:30 am-4:00 pm

**LSC-Montgomery**
4023 ATCPC 7200018 4001 W 9/7-9/14
Instruction Type: Online.

**Tools for Teaching Module**
ATCPC 7200009 14 Contact Hours $150
The Tools for Teaching module will address specific strategies on how to deal with disruptive classroom behavior. The design and strategies in the module were developed by Dr. Fred Jones. The tools presented prepare teachers for designing their classroom to minimize discipline problems and maximize instruction. These tools will help promote confidence and effective teaching. This course may be used to complete the Substitute Teaching Certification alone with taking the Substitute Teacher Training.

**LSC-Fairbanks Center**
4587 ATCPC 7200009 F001 T 9/6-9/27 6:00 pm-9:30 pm

**LSC-Greenspoint Center**
4038 ATCPC 7200009 G001 M-W 11/7-11/9 8:30 am-2:30 pm

**LSC-Kingwood**
3752 ATCPC 7200009 2001 M 10/3-10/24 6:00 pm-9:30 pm

**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 additionally required 480 hours (12 weeks) of experience in a licensed day care facility with observation labs can be completed during the semester or within a five year period. An additional $325 application fee must be paid to the Council for Early Childhood Professional Recognition when submitting an application to take the final assessment from them. TPEG funds available.

**LSC-Kingwood**
3769 CDECC 2101602 2001 TTh 8/23-12/15 6:00 pm-8:30 pm
Instruction Type: Hybrid, Internet.

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**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.

Training is offered in flexible formats including online, hybrid, and on campus classes. Internship, clinical teacher practicum, and field-based experiences are completed in local K-12 schools.

[LoneStar.edu/CTE-education](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

Industrial Maintenance Assistant 144 hours, $1,938
- Industrial Maintenance, Introduction 96 hours, $1,281
- Basic Mechanical Skills for Energy 48 hours, $657

Machinist (NIMS) 208 hours, $2,896
- Machine Shop, Basic 80 hours, $1,142
- Blueprint Reading and Sketching 48 hours, $657
- Machine Shop Mathematics 64 hours, $865
- Work Skills for the Workplace 16 hours, $232

Machine Tool (CNC) Operator (NIMS) 384 hours, $5,283
- Prerequisite: Machinist Certificate 208 hours, $2,896
- CNC Machine Controls, Fundamentals 48 hours, $657
- Operation of CNC Turning Centers 64 hours, $865
- Operation of CNC Machining Centers 64 hours, $865

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

Machinist Pre-Apprentice Certificate 592 hours, $8,179
- Machinist Certificate 208 hours, $2,896
- Machine Tool (CNC) Operator 384 hours, $5,283

Mechatronics
- Pre-Apprentice 320 hours, $TBD

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

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 Pre-Apprentice 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
AutoCAD, Introduction
DFTGC 2101401 32 Contact Hours $440
Topics include CAD equipment selection and interface; software selection and installation; creating, editing and plotting of line drawings for architectural, electrical, circuit, mechanical, or interior design; create/modify graphic elements; storing and retrieving predefined components; and adding text and dimensions.
LSC-Conroe Center
4043 DFTGC 2101401 C001 MW 8/22/9/15 6:00 pm-10:00 pm CC 215 Closed 9/5/2016.

LSC-CyFair
17546 DFTGC 2101401 5002 MW 8/22/9/19 6:00 pm-10:00 pm CASA 219
Department consent required. Contact the CTE office at a LSC campus to register.
17547 DFTGC 2101401 5003 TTh 8/23/9/15 6:00 pm-10:00 pm CASA 219
Department consent required. Contact the CTE office at a LSC campus to register.
17544 DFTGC 2101401 5001 Msu 8/30/10/1
Mandatory orientation. For information email Randel.H.Dobson@LoneStar.edu.
Department consent required. Contact the CTE office at a LSC campus to register.
Instruction Type: Online.

LSC-Kingwood
17545 DFTGC 2101401 2001 M 9/12/11/21 6:30 pm-9:30 pm CLA 106
Class dismisses one hour early during one session.

LSC-Montgomery
4042 DFTGC 2101401 4001 MW 9/7/10/3 6:00 pm-10:00 pm MCE E203
Closed 9/5/2016.

LSC-North Harris
2669 DFTGC 2101401 1001 MW 9/12/10/5 6:00 pm-10:00 pm DTEC 103

LSC-University Park
6991 DFTGC 2101401 6001 TTh 9/6/9/29 UPE-M143

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 components; modifying; rubber banding; adding text and predefined components; and adding text and dimensions.
LSC-Conroe Center
4050 DFTGC 1105000 C001 MW 9/26/10/19 6:00 pm-10:00 pm CC 215
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-CyFair
4727 DFTGC 1105000 5003 TTh 9/20/10/13 6:00 pm-10:00 pm
4726 DFTGC 1105000 5002 MW 9/26/10/19 6:00 pm-10:00 pm
4725 DFTGC 1105000 5001 So 10/8/11/12
Instruction Type: Online.

LSC-Kingwood
5785 DFTGC 1105000 2001 TTh 8/23/9/27 6:30 pm-9:30 pm CLA 106
Class dismisses one hour early during one session.
5786 DFTGC 1105000 2002 Sa 10/15/12/10 8:30 am-12:30 pm CLA 106

LSC-Montgomery
4048 DFTGC 1105000 4001 MW 10/10/11/2 6:00 pm-10:00 pm MCE E203
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-North Harris
2671 DFTGC 1105000 1001 MW 10/10/11/2 6:00 pm-10:00 pm DTEC 103

LSC-University Park
17585 DFTGC 1105000 6001 TTh 10/11/11/3 6:00 pm-10:00 pm UPE-M143

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
4057 DFTGC 1200400 C001 MW 10/31/11/28 6:00 pm-10:00 pm CC 215
Department consent required. Contact the CTE office at a LSC campus to register. Closed 11/23/2016.

LSC-CyFair
4729 DFTGC 1200400 5002 MW 10/24/11/16 6:00 pm-10:00 pm
4728 DFTGC 1200400 5001 Sa 11/19/12/4
Instruction Type: Online.

LSC-Kingwood
5788 DFTGC 1200400 2001 TTh 10/4/11/8 6:30 pm-9:30 pm CLA 106
Class dismisses one hour early during one session.

LSC-Montgomery
4055 DFTGC 1200400 4001 MW 11/14/12/12 6:00 pm-10:00 pm MCE E203
Department consent required. Contact the CTE office at a LSC campus to register. Closed 11/23/2016.

LSC-North Harris
2683 DFTGC 1200400 1001 MW 11/7/12/5 6:00 pm-10:00 pm DTEC 103

LSC-University Park
17586 DFTGC 1200400 6001 TTh 11/15/12/13 6:00 pm-10:00 pm UP-EMI 143

Commercial Wiring
ELPTC 2104501 80 Contact Hours $255
Commercial wiring methods. Includes overcurrent protection, raceway panel board installation, proper grounding techniques, and associated safety procedures. Participants must have high school diploma, successful completion of the GED or be in the early admissions program. This course is linked to ELPT 1345. Prerequisite: ELPT 1325.

LSC-Creekside Center
13644 ELPTC 2104501 K001 TTh 10/24/12/18 8:30 am-10:50 am CS 114
Lab ELPTC 2104501 K002 TTh 10/24/12/18 8:20 pm-10:50 pm CS 114
For more information contact Antonius.L.Bom@LoneStar.edu.

DC-AC Circuits
CETTC 2100901 96 Contact Hours $324
Fundamentals of DC circuits and AC circuits operation including Ohm's law, Kirchoff's laws, networks, transformers, resonance, phasors, capacitive and inductive and circuit analysis techniques. This course is linked to CETT 1409.

LSC-North Harris
15486 CETTC 2100901 K001 M-Th 10/24/12/18 8:00 am-10:50 am APTC 107
Students must purchase a blue, short sleeve Applied Technology uniform shirt.
Department consent required. Contact the CTE office at a LSC campus to register.
**Energy & Manufacturing**

### Electrical Calculations I
ELPTC 2101501 48 Contact Hours $282
Introduction to mathematical applications utilized to solve problems in the electrical field. Topics include fractions, decimals, percentages, simple equations, ratio and proportion, unit conversions, and applied geometry. This course is linked to ELPT 1315.

LSC-Creekside Center
13622 ELPTC 2101501 K001 10/24-12/18
For more information contact Antonius.L.Bom@LoneStar.edu

### Electrical Safety and Tools, Introduction
ELPTC 2102101 64 Contact Hours $237
Safety rules and regulations. Includes the selection, inspection, use, and maintenance of common tools for electricians. This course is linked to ELPT 1321.

LSC-Creekside Center
13625 ELPTC 2102101 K001 TTh 8/29-10/23 6:30 pm-9:00 pm CS 1028
Lab ELPTC 2102101 K002 TTh 8/29-10/23 9:10 pm-10:00 pm CS 1028
For more information contact Antonius.L.Bom@LoneStar.edu.

### Electrical Systems Design
ELPTC 2204301 80 Contact Hours $198
Electrical design of commercial and/or industrial projects including building layout, types of equipment, placement, sizing of electrical equipment, and all electrical calculations according to the requirements of the National Electrical Code (NEC). This course is linked to ELPT 2343.

LSC-Creekside Center
14021 ELPTC 2204301 K001 MW 10/24-12/18 6:30 pm-8:10 pm CS 1028
Lab ELPTC 2204301 K002 MW 10/24-12/18 8:20 pm-10:50 pm CS 1028
For more information contact Antonius.L.Bom@LoneStar.edu.

### Electrical Theory, Basic
ELPTC 2101101 64 Contact Hours $249
A comprehensive overview of safety rules and regulations and the selection, inspection, use and maintenance of common tools for electricians. This course is linked to ELPT 1321.

LSC-Creekside Center
13606 ELPTC 2101101 K001 MW 8/29-10/23 6:30 pm-9:00 pm CS 1028
Lab ELPTC 2101101 K002 MW 8/29-10/23 9:10 pm-10:00 pm CS 1028
For more information contact Antonius.L.Bom@LoneStar.edu.

### 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
16218 HYDRC 2104504 6201 MW 8/29-12/18 6:00 pm-8:20 pm UP-EMI 140

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**New 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® for Industry**
PRRTC 1202502 8 Contact Hours $228
Various hazards associated with the petroleum industry.

**LSC-University Park**
5047 PRRTC 1202502 6001 F 8/12 8:00 am-5:00 pm UPEM 214
5053 PRRTC 1202502 6002 F 9/16 8:00 am-5:00 pm UPEM 214
5059 PRRTC 1202502 6003 F 10/21 8:00 am-5:00 pm UPEM 214
5068 PRRTC 1202502 6004 F 11/18 8:00 am-5:00 pm UPEM 214
5074 PRRTC 1202502 6005 F 12/9 8:00 am-5:00 pm UPEM 214

**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 works, basic mechanical drawings, and basic shop calculations (English and metric). Also addresses rigging procedures to include chain falls, jacks, cable, fulcrum, port-a-power, and come-alongs.

**LSC-University Park**
4944 ENERC 1103001 6001 M-Th 9/19-9/27 8:00 am-5:00 pm UPEM 112
4991 ENERC 1103001 6002 M-Th 10/17-10/25 8:00 am-5:00 pm UPEM 112
Includes load calculations, service entrance sizing, proper wiring methods for single family and multi-family dwellings.

**National Electrical Code I**
ELPTC 2102501 48 Contact Hours $237
An introductory study of the National Electric Code (NEC) for those employed in fields requiring knowledge of the Code. Emphasis on wiring protection, methods, and materials; equipment for general use; and basic calculations. This course is linked to ELPT 1325.

**LSC-Creekside Center**
13631 ELPTC 2102501 001 10/24/12/18
For more information contact Antonius.L.Bom@LoneStar.edu. Instruction Type: Online.

**National Electrical Code II**
ELPTC 2202502 48 Contact Hours $237
In-depth coverage of the National Electrical Code (NEC) for those employed in fields requiring knowledge of the Code. Emphasis on wiring protection and methods, special conditions, and advanced calculations. This course is linked to ELPT 2325. Prerequisite National Electrical Code I, ELPTC 2102501 or ELPT 1325.

**LSC-Creekside Center**
13634 ELPTC 2202502 001 8/29/10/23
For more information contact Antonius.L.Bom@LoneStar.edu. Instruction Type: Online.

**Residential Wiring**
ELPTC 2102903 80 Contact Hours $265
Wiring methods for single family and multi-family dwellings. Includes load calculations, service entrance sizing, proper grounding techniques, and associated safety procedures. This course is linked to ELPT 1329. Prerequisites: Completion of ELPT 1325.

**LSC-Creekside Center**
13638 ELPTC 2102903 001 8/29/10/23
Lab ELPTC 2102903 002 8/29/10/23 3:20 pm-5:50 pm CS 114
For more information contact Antonius.L.Bom@LoneStar.edu.

**Solar Photovoltaic Systems Design**
ELMT 2100201 64 Contact Hours $237
Design and installation of solar photovoltaic systems (panels) and their applications. This course is linked to ELMT 1302.

**LSC-Creekside Center**
14008 ELMT 2100201 001 MW 10/24/12/18 1:30 pm-3:10 pm CS 114
Lab ELMT 2100201 002 MW 10/24/12/18 3:20 pm-4:40 pm CS 114
For more information contact Antonius.L.Bom@LoneStar.edu.

**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**
17552 DFTGC 2109120 5001 MW 9/12-10/12 6:00 pm-9:00 pm CASA 219
Department consent required. Contact the CTE office at a LSC campus to register.

**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**
4733 DFTGC 1109101 5001 MW 10/17-11/16 6:00 pm-9:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.

**LSC-Creekside Center**
2701 DFTGC 1109101 1001 TTh 10/11-11/10 6:00 pm-9:00 pm DTEC 103

**LSC-University Park**
17587 DFTGC 1109101 6002 Sa 10/22-11/19 9:00 am-3:00 pm UPEMI 214
17590 DFTGC 1109101 6003 Su 10/29-12/17 Instruction Type: Online.
14154 DFTGC 1109101 6001 Th 11/15-12/15 6:00 pm-10:00 pm

## 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.

**LSC-University Park**
4666 MCHNC 1103801 6001 MW 10/5-10/26 8:00 am-11:00 am $414
Department consent required. Contact the CTE office at a LSC campus to register.

**LSC-University Park**
11354 MCHNC 1103801 6002 Th 11/18-11/21 6:00 pm-10:00 pm $414
Department consent required. Contact the CTE office at a LSC campus to register.

**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**
11324 DFTGC 1102500 6003 M-Th 8/22/10/3 8:00 pm-10:00 pm $414
11322 DFTGC 1102500 6001 M-Th 8/29/26 12:30 pm-3:30 pm $414
Department consent required. Contact the CTE office at a LSC campus to register.
4755 DFTGC 1102500 6002 F 11/11/12/14 6:00 pm-10:00 pm
4755 DFTGC 1102500 6002 Sa 11/11/12/14 8:00 am-11:00 am
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.

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.

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

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

Print Reading For Machining Trades  
MCHNC 2100202 64 Contact Hours $225  
A study of blueprints for machining trades with emphasis on machine drawings. This course is linked to MCHN 1302.

Oil & Gas Drilling  

Basic Principles of Oil & Gas for Industry  
PTRTC 1109107 24 Contact Hours $336  
Various aspects of petroleum processes such as gas production, petrochemical, refining, and operations.

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

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.

Register for classes online at LoneStar.edu/CTE  
Questions? Email LSCCE@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  
4949 PTRTC 1202500 6001  UP-ENI 214  
4950 PTRTC 1202500 6002 W 10/19 8:00 am-5:00 pm UP-ENI 214  
4994 PTRTC 1202500 6003 Th 11/17 8:00 am-5:00 pm UP-ENI 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  
5076 PTRTC 1109105 6003 MTh 8/15-8/16 8:00 am-5:00 pm UP-ENI 214  
5078 PTRTC 1109105 6004 MTh 9/19-9/20 8:00 am-5:00 pm UP-ENI 214  
4951 PTRTC 1109105 6001 MTh 10/20-10/25 8:00 am-5:00 pm UP-ENI 214  
4995 PTRTC 1109105 6002 TTh 11/18-11/19 8:00 am-5:00 pm UP-ENI 214  
5079 PTRTC 1109105 6005 MTh 11/21-11/22 8:00 am-5:00 pm UP-ENI 214  
5081 PTRTC 1109105 6006 MTh 12/12-12/13 8:00 am-5:00 pm UP-ENI 214

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.

LSC-University Park  
4942 INMTC 1100501 6001 MTh 8/25-9/15 8:00 am-5:00 pm UP-ENI 111  
4954 INMTC 1100501 6002 MTh 9/26-10/13 8:00 am-5:00 pm UP-ENI 111

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 works, basic mechanical drawings, and basic shop calculations (English and metric). Also addresses rigging procedures to include chain falls, jacks, cable, fulcrum, port-a-power, and come-alongs.

LSC-University Park  
4944 ENERC 1103001 6001 MTh 9/19-9/27 8:00 am-5:00 pm UP-ENI 112  
4991 ENERC 1103001 6002 MTh 10/17-10/25 8:00 am-5:00 pm UP-ENI 112

Oil and Gas, Introduction  
PTRTC 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  
4940 PTRTC 1109110 6001 M-Th 8/22/24 8:00 am-5:00 pm UP-ENI 214  
4958 PTRTC 1109110 6002 M-Th 9/19/21 8:00 am-5:00 pm UP-ENI 214

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  
1208 DFTGC 2102301 6001 Th 10/4-11/29 6:00 pm-8:00 pm CC 215  
Closed 11/24/2016.

LSC-North Harris  
5906 DFTGC 2102301 1001 Th 9/27-11/17 10:00 am-12:00 pm

Fundamentals of Oxy-Fuel Welding/Cutting NCCER  
WLDGC 2100401  40 Contact Hours  $553  
Oxy-fuel welding and cutting equipment. Includes equipment safety, setup, and maintenance. An introduction to oxy-fuel cutting, plasma cutting, carbon arc cutting and various joint designs. Fundamentals of thermal cutting. Includes equipment safety, setup, and maintenance.

LSC-North Harris  
15134 WLDGC 2100401 1003 Th 9/22 12:30 pm-3:30 pm  
15134 WLDGC 2100401 1003 M-Th 9/26-10/3 7:30 am-3:30 pm  
10034 WLDGC 2100401 1002 T 10/4 10:00 am-3:30 pm  
10034 WLDGC 2100401 1002 M-Th 10/5-10/13 7:30 am-3:30 pm  
10034 WLDGC 2100401 1002 M 10/17 7:30 am-10:30 am
**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**

15506 WLDGC 2102805 1002 M-Th 10/4-11/1 7:30 am-3:30 pm

15506 WLDGC 2102805 1002 W 11/2 7:30 am-10:00 pm

**Intermediate (SMAW) NCCER**

WLDGC 2105703 115 Contact Hours $1528

A study of the production of various fillets and groove welds. Preparation of specimens for testing in various positions.

**LSC-North Harris**

7502 WLDGC 2105703 1001 W 11/2 10:00 am-3:30 pm

7502 WLDGC 2105703 1001 M-Th 11/3-11/30 7:30 am-3:30 pm

7502 WLDGC 2105703 1001 Th 12/1 7:30 am-12:30 pm

**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**

1209 WLDGC 2109117 C001 Th 10/4-11/29 8:00 pm-10:00 pm CC 215

**LSC-North Harris**

5903 WLDGC 2109117 C001 Th 9/27-11/17 8:00 am-10:00 am
Pipe Welding
WLDGC 2104106 80 Contact Hours $1313
This course covers pipe welding techniques and applications. Student purchases personal tools, supplies and workbook.

LSC-Conroe Center
1414 WLDGC 2104106 C001 M-Th 9/26-10/27 11:00 am-3:00 pm CC 300A
Department consent required. Contact the CTE office at a LSC campus to register.
1416 WLDGC 2104106 C003 Sa 10/1-12/17 8:00 am-5:00 pm CC 300A
Department consent required. Contact the CTE office at a LSC campus to register. Closed 11/26/16.
1415 WLDGC 2104106 C002 M-Th 10/31-12/6 11:00 am-3:00 pm CC 300A
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Victory Center
2247 WLDGC 2104106 V001 MW 9/26-12/5 8:00 am-9:00 am VC 111
Department consent required. Contact the CTE office at a LSC campus to register.
2246 WLDGC 2104106 V001 MW 9/26-12/5 9:00 am-12:00 pm VC 111
Department consent required. Contact the CTE office at a LSC campus to register.
2248 WLDGC 2104106 V002 MW 9/26-12/5 5:00 pm-6:00 pm VC 111
Department consent required. Contact the CTE office at a LSC campus to register.
2245 WLDGC 2104106 V003 MW 12/7-3/1 8:00 am-9:00 am VC 111
Department consent required. Contact the CTE office at a LSC campus to register.
2251 WLDGC 2104106 V003 MW 12/7-3/1 9:00 am-12:00 pm VC 111
Department consent required. Contact the CTE office at a LSC campus to register.
2252 WLDGC 2104106 V004 MW 12/7-3/1 5:00 pm-6:00 pm VC 111
Department consent required. Contact the CTE office at a LSC campus to register.
2253 WLDGC 2104106 V004 MW 12/7-3/1 6:00 pm-9:00 pm VC 111
Department consent required. Contact the CTE office at a LSC campus to register.

Shielded Metal Arc Welding (SMAW)
WLDGC 2102804 80 Contact Hours $1313
An introduction to the shielded metal arc welding process. Emphasis placed on power sources, electrode selection, oxy-fuel cutting, and various joint designs. Instruction provided in SMAW fillet welds in various positions. Students will develop knowledge and skills in the welding process; safety and health, use and care of hand tools, and five essentials of shielded metal arc, strike and control the arc, run a straight bead in the flat position, complete a series of beads, and restart a continuous bead and fill the crater; perform fillet welds in the flat, horizontal, vertical, and overhead positions; discuss electrode selection, power sources, and safety. Students work independently in the welding booth under the guidance of an instructor to meet and/or exceed the competencies. Break test may be used. Student purchases personal tools, supplies and workbook.

LSC-Conroe Center
1413 WLDGC 2102804 C001 M-Th 9/26-10/27 11:00 am-3:00 pm CC 300A
Department consent required. Contact the CTE office at a LSC campus to register.
1415 WLDGC 2102804 C003 Sa 10/1-12/17 8:00 am-5:00 pm CC 300A
Department consent required. Contact the CTE office at a LSC campus to register. Closed 11/26/16.
1414 WLDGC 2102804 C002 M-Th 10/31-12/6 11:00 am-3:00 pm CC 300A
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Victory Center
2223 WLDGC 2102804 V001 MW 9/26-12/5 8:00 am-9:00 am VC 111
Department consent required. Contact the CTE office at a LSC campus to register.
2222 WLDGC 2102804 V002 MW 9/26-12/5 5:00 pm-6:00 pm VC 111
Department consent required. Contact the CTE office at a LSC campus to register.
2221 WLDGC 2102804 V001 MW 9/26-12/5 6:00 pm-9:00 pm VC 111
Department consent required. Contact the CTE office at a LSC campus to register.
2220 WLDGC 2102804 V004 MW 12/7-3/1 5:00 pm-6:00 pm VC 111
Department consent required. Contact the CTE office at a LSC campus to register.
2221 WLDGC 2102804 V003 MW 12/7-3/1 9:00 am-12:00 pm VC 111
Department consent required. Contact the CTE office at a LSC campus to register.

Welding Inspection Preparation Part I
NDTEC 2201102 48 Contact Hours $657
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
10645 NDTEC 2201102 C001 Su 8/27-10/8 8:00 am-4:00 pm CC 200
Department consent required. Contact the CTE office at a LSC campus to register.

Welding Inspection Preparation Part II
NDTEC 2201103 48 Contact Hours $657
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
10649 NDTEC 2201103 C001 Sa 10/15-11/19 8:00 am-4:00 pm CC 200
Department consent required. Contact the CTE office at a LSC campus to register. Closed 11/25 to 11/27.
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.
Focus on payroll and associated records, including time and equipment, and voucher system.

LSC-Creekside Center
15365 ACNTC 2100106 K001 MW 9/7/9/26 6:00 pm-10:00 pm

LSC-CyFair
4759 ACNTC 2100106 5001 TTh 9/20-10/6 6:00 pm-10:00 pm

LSC-Kingwood
5779 ACNTC 2100106 2001 MW 9/19-10/26 9:00 am-11:00 am

LSC-North Harris
2657 ACNTC 2100106 1001 TTh 9/6-9/29 6:00 pm-9:00 pm DTEC 102

LSC-Tomball
2918 ACNTC 2100106 3001 MW 10/17-11/2 9:00 am-1:00 pm

Accounting, Office II
ACNTC 2104201 24 Contact Hours $336
This course focuses on accounting for merchandising, notes payable, notes receivable, valuation of receivables, valuation of plant and equipment, and voucher system.

LSC-Conroe Center
6057 ACNTC 2104201 001 MW 9/12-10/5 6:00 pm-10:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Creekside Center
15376 ACNTC 2104201 K001 MW 9/28-10/17 6:00 pm-10:00 pm

LSC-CyFair
4763 ACNTC 2104201 5001 TTh 10/11-10/27 6:00 pm-10:00 pm

LSC-Kingwood
5781 ACNTC 2104201 2001 TTh 10/4-11/10 7:00 pm-9:00 pm
5782 ACNTC 2104201 2002 MW 10/31-12/14 9:00 am-11:00 am

LSC-North Harris
2659 ACNTC 2104201 1001 TTh 10/4-10/27 6:00 pm-9:00 pm DTEC 102

LSC-Tomball
2920 ACNTC 2104201 3001 MW 11/7-11/30 9:00 am-1:00 pm E 182

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
15381 ACNTC 2109112 K001 MTTh 10/27-11/7 6:00 pm-10:00 pm

LSC-Montgomery
7628 ACNTC 2109112 4001 Sa 10/29-11/12
Department consent required. Contact the CTE office at a LSC campus to register.
Instruction Type: Online.

LSC-Tomball
6948 ACNTC 2109112 3001 TTh 9/27-10/13 9:00 am-1:00 pm E 182

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
2919 ACNTC 2109108 3001 Sa 9/10-10/8 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
2921 ACNTC 2109107 3001 Sa 10/15-11/19 9:00 am-3:00 pm
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-Conroe Center
6087 ACNTC 2101002 C001 TTh 11/15-11/29 6:00 pm-10:00 pm
LSC-CyFair
4765 ACNTC 2101002 5001 TTh 11/1-11/10 6:00 pm-10:00 pm
LSC-Kingwood
5780 ACNTC 2101002 2001 W 8/31-9/28 6:30 pm-9:30 pm  CLA 106
Class meets from 6:00-10:00PM one session.
LSC-Montgomery
6090 ACNTC 2101002 4001 TTh 9/20-9/29 6:00 pm-10:00 pm  MCE E203
LSC-North Harris
2357 ACNTC 2101002 1001 TTh 10/5-11/3 8:00 am-12:00 pm  DTEC 103
LSC-Tomball
2925 ACNTC 2101002 3002 TTh 11/1-11/22 9:00 am-1:00 pm
2924 ACNTC 2101002 3001 TTh 11/1-11/22 6:00 pm-10:00 pm

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

LSC-Conroe Center
6098 ACNTC 2105402 C001 TTh 12/5-12/14 6:00 pm-10:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.
LSC-CyFair
4766 ACNTC 2105402 5001 TTh 11/15-11/29 6:00 pm-10:00 pm
LSC-Kingwood
5783 ACNTC 2105402 2001 W 10/12-11/9 6:30 pm-9:30 pm  CLA 106
Class meets from 6:00-10:00PM one session.
LSC-Montgomery
6094 ACNTC 2105402 4001 TTh 10/11-10/27 6:00 pm-10:00 pm  MCE E203
Department consent required. Contact the CTE office at a LSC campus to register.
LSC-North Harris
2358 ACNTC 2105402 1001 TTh 11/10-11/19 8:00 am-12:00 pm  DTEC 103
LSC-Tomball
2927 ACNTC 2105402 3002 TTh 11/29-12/8 9:00 am-1:00 pm  E 182
2926 ACNTC 2105402 3001 TTh 11/29-12/8 6:00 pm-10:00 pm  E 182

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 lists for each program, go to LoneStar.edu/CTE-HealthScience for specific information.

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)
- ACR (2 shots)/TITER
- Varicella (2shots)
- TB Skin Test Negative (within 6 mos.)

North Harris-Health Professional Building
Information Sessions: Thursdays at two separate times
10:00 a.m. and 6:00 p.m.

Programs

<table>
<thead>
<tr>
<th>Programs</th>
<th>Hours</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Clinical Medical Assistant</strong></td>
<td>262</td>
<td>$2,653</td>
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<tr>
<td>Clinical Medical Assistant</td>
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<tr>
<td><strong>Dental Assistant</strong></td>
<td>332</td>
<td>$2,765</td>
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<td>Dental Assisting I</td>
<td>128</td>
<td>$1,136</td>
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<tr>
<td>Dental Assisting II</td>
<td>128</td>
<td>$1,136</td>
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<tr>
<td>Dental Assisting III (Clinical)</td>
<td>60</td>
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<td>Dental Assisting Review, Exam (TSBDE)</td>
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<td>$201</td>
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<td>Electrocardiography, Diagnostic</td>
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<td>Nurse Aide, Certified (Clinical)</td>
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<tr>
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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 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. Also, dental assisting techniques with emphasis on four-handed dentistry and utilization of tray setups for general practice and specialty procedures. Students are required to submit complete immunization records including Hepatitis B and TB results. This course is a component of the Dental Assisting Certificate that prepares for the TSBDE exam. Textbooks, supplies and uniform are not included in tuition.

LSC-Kingwood
4102 DNTAC 2105303 2001  T-Th  8/23-10/13  6:00 pm-10:00 pm  CLA 101
   Instruction Type: Hybrid, Computer.
4103 DNTAC 2105303 2002  T-Th  9/13-11/3  9:00 am-1:00 pm  CLA 101
   Instruction Type: Hybrid, Computer.

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
4104 DNTAC 2101502 2001  T-Th  10/18-12/15  6:00 pm-10:00 pm  CLA 101
   Instruction Type: Hybrid, Computer.

Dental Assisting III (Clinical)
DNTAC 2106002  60 Contact Hours  $292
A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional. Pre-requisite Dental Assisting Lecture I, II and Co-requisite Registered Dental Assistant Exam and Review. This course is a component of the Dental Assisting Certificate that prepares for the TSBDE exam.

LSC-Kingwood
16865 DNTAC 2106002 2001  M-F  9/13-10/13  8:00 am-5:00 pm  OFFSITE-ID
   Department consent required. Contact the CTE office at a LSC campus to register.

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

LSC-Kingwood
4105 DNTAC 2100302 2001  F-Sa  12/2-12/3  8:00 am-5:00 pm  CLA 101

Nitrous Oxide Sedation Monitoring
DHYGC 2100201  8 Contact Hours  $206
Preparation of dental auxiliary personnel in the specific area of nitrous oxide monitoring for the state examination as mandated by the Texas State Board of Dental Examiners.

LSC-Kingwood
4099 HYGC 2100201 2001  M  9/12-9/26
   Instruction Type: Online.
4100 HYGC 2100201 2002  M  10/10-10/24
   Instruction Type: Online.
4101 HYGC 2100201 2003  M  11/7-11/21
   Instruction Type: Online.

Pit and Fissure Sealants for the Dental Assistant
DNTAC 2200000  7 Contact Hours  $108
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. This course will enable the dental assistant with a minimum of two years’ experience the ability to apply for sealant certification with the Texas State Board of Dental Examiners (TSBDE).

LSC-Kingwood
4106 DNTAC 2200000 2001  S  9/17  8:00 am-5:00 pm  CLA 101

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
2853 CVTTC 2106003 2001  M-F  11/1-11/17  7:00 am-7:00 pm  OFFSITE-ID
   Department consent required. Contact the CTE office at a LSC campus to register.

Offsite - In District
2931 CVTTC 2106003 2001  M-Sa  12/8-12/18  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**
2860 ECRDC 2101101 1002 F 9/21-10/21 8:00 am-12:00 pm HPB 205
Department consent required. Contact the CTE office at a LSC campus to register.
2858 ECRDC 2101101 1001 TTh 9/6-9/21 5:30 pm-9:30 pm HPB 205
Department consent required. Contact the CTE office at a LSC campus to register.

**LSC-Conroe Center**
15990 ECRDC 2101101 CO01 F 9/19-11/11 9:00 am-12:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.

**LSC-Kingwood**
4116 ECRDC 2101101 2001 TTh 9/13-10/6 6:00 pm-10:00 pm

**LSC-Tomball Health Science Bdg**
2940 ECRDC 2101101 T001 F 8/26-10/14 9:00 am-1:00 pm HS 210
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-Kingwood**
4118 ECRDC 2101103 2001 MW 9/12-9/28 6:00 pm-10:00 pm
4119 ECRDC 2101103 2002 MW 10/17-11/2 6:00 pm-10:00 pm

**LSC-Montgomery**
9045 ECRDC 2101103 4001 MW 9/14-10/10 6:00 pm-10:00 pm
9048 ECRDC 2101103 4002 TTh 11/3-12/6 6:00 pm-10:00 pm

**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**
2864 ECRXC 7000002 1001 F 12/2 2:30 pm-5:30 pm DTEC 102
Department consent required. Contact the CTE office at a LSC campus to register.

**LSC-Tomball**
7493 ECRXC 7000002 3001 W 12/7
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**
2855 DSAEC 2104002 1001 TTh 9/22-10/27 5:30 pm-9:30 pm HPB 205
Department consent required. Contact the CTE office at a LSC campus to register.

**LSC-Tomball Health Science Bdg**
2939 DSAEC 2104002 T001 MW 10/17-11/7 2:00 pm-5:00 pm HS 210
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-Kingwood**
15078 EMSPC 2100103 2590 MW 8/29-12/18 6:00 pm-7:30 pm CLA 102

**LSC-Montgomery**
14922 EMSPC 2100103 4201 TTh 8/29-12/18 8:30 am-10:00 am MC 8 222
Mandatory Extrication Dates: 9/16 & 9/30, 10:30 am. Must be taken concurrently with EMSP 1160-4901. For information, visit https://www.lonestar.edu/ems-dept-montgomery.htm or call 936.273.7030.

**LSC-Tomball**
14924 EMSPC 2100103 4401 TTh 8/29-12/18 6:00 pm-7:30 pm MC 8 222
Mandatory Extrication Dates: 9/16 & 9/30, 10:30 am. Must be taken concurrently with EMSP 1160-4902. For information, visit https://www.lonestar.edu/ems-dept-montgomery.htm or call 936.273.7030.

**LSC-North Harris**
10865 EMSPC 2100103 1001 MW 8/29-12/18 8:00 am-9:30 am WNSP 168
Mandatory Extrication Dates: 9:23.16 and 10.21.16 from 5 pm to 10 pm at LSC-North Harris in WNSP 183. Must be taken concurrently with EMSP 2109102 1001. Department consent required. Contact the CTE office at a LSC campus to register.
10810 EMSPC 2100103 1003 TTh 8/29-12/18 8:00 am-9:30 am WNSP 168
Mandatory Extrication Dates: 9:23.16 and 10.21.16 from 5 pm to 10 pm at LSC-North Harris in WNSP 183. Must be taken concurrently with EMSP 2109102 1001. Department consent required. Contact the CTE office at a LSC campus to register.
10813 EMSPC 2100103 1005 TTh 8/29-12/18 6:00 pm-7:30 pm WNSP 168
Mandatory Extrication Dates: 9:23.16 and 10.21.16 from 5 pm to 10 pm at LSC-North Harris in WNSP 183. Must be taken concurrently with EMSP 2109102 1001. Department consent required. Contact the CTE office at a LSC campus to register.
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 0333 OR higher level course (ENGL 1301), OR placement by testing; Math 0306

LSC-Montgomery
14920  EMSPC 2109102 4901  8/29/12/18  OFFSITE-D
Required clinical orientations: 8/26 & 9/2, 5-10pm, B-102. Immunizations, uniforms, background check, etc. required. Must be taken concurrently with EMSP 1501-4201. For information, visit https://www.lonestar.edu/ems-dept-montgomery.htm or call 936.273.7030.

14921  EMSPC 2109102 4902  8/29/12/18  OFFSITE-D
Required clinical orientations: 8/26 & 9/2, 5-10pm, B-102. Immunizations, uniforms, background check, etc. required. Must be taken concurrently with EMSP 1501-4401. For information, visit https://www.lonestar.edu/ems-dept-montgomery.htm or call 936.273.7030.

LSC-North Harris
10800  EMSPC 2109102 1001  WNSP 168
Required Clinical Orientation: 9/16.16 at 6 pm LSC-North Harris in WNSP 183. Immunizations, uniforms, background check, etc. are required and discussed at Orientation. NOTE: EMSPC 2100103 starts 8/29/16. Information at http://www.lonestar.edu/ems-dept-northharris.htm or call 281.618.5781. Department consent required. Contact the CTE office at a LSC campus to register.

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
8713  SCITC 2100701 5001  9/12/10/17
Instruction Type: Online.

LSC-North Harris
2034  SCITC 2100701 1001  9/12/10/17
Instruction Type: Online.

Anatomy and Physiology II, Review

SCITC 2100801  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
8714  SCITC 2100801 5001  10/18/11/22
Instruction Type: Online.

LSC-North Harris
2035  SCITC 2100801 1001  10/18/11/22
Instruction Type: Online.

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
8491  SCITC 2101301 5001  9/19/11/20
Department consent required. Contact the CTE office at a LSC campus to register. Instruction Type: Online.

LSC-North Harris
2036  SCITC 2101301 1001  9/19/11/20
Instruction Type: Online.

Biotechnology I

BITCC 2101102  96 Contact Hours  $332
An introduction to biotechnology including career exploration, history and applications of DNA/RNA technology, molecular biology, bioethics, and laboratory safety practices. This course is linked to BITC 1411.

LSC-Montgomery
15113  BITCC 2101102 4201  TTh  8/29/12/18  9:00 am-10:20 am  MSu 8/23

Clinical - Registered Nursing/Nurse

RNSGC 2106002  128 Contact Hours  $865
A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional. Co-Requisite: Re-Entry Nursing Update RNSGC 2100605

LSC-Tomball
8363  RNSGC 2106002 3001  NSu  8/29/12/18
Department consent required. Contact the CTE office at a LSC campus to register. Instruction Type: Hybrid, Internet.
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-Conroe Center
9032 EHLTC 3200001 C001 M 8/29 8:00 am-12:00 pm
9038 EHLTC 3200001 C002 F 10/14 8:00 am-12:00 pm

LSC-CyFair
8667 EHLTC 3200001 5001 M 9/12 8:00 am-2:00 pm
8669 EHLTC 3200001 5002 M 10/17 8:00 am-2:00 pm

LSC-Tomball Health Science Bdg
15658 EHLTC 3200001 T001 F 9/16 9:00 am-12:00 pm HS 210

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.

LSC-North Harris
16200 ORTAC 7000000 1002 Th 9/1 8:30 am-10:30 am HPB 216
for CNA class No 2744.
16215 ORTAC 7000000 1005 Th 9/1 5:30 pm-7:30 pm HPB 205
for EKG class No 2838.
16654 ORTAC 7000000 1009 Th 9/8 6:00 pm-8:00 pm CMED 209
for Personal Training class No 1842.
16653 ORTAC 7000000 1008 T 9/13 6:00 pm-8:00 pm
for Medication Aide Class No 3286.
16216 ORTAC 7000000 1006 W 9/14 5:30 pm-7:30 pm HPB 210
for Phlebotomy class No 7356.
16204 ORTAC 7000000 1003 Th 9/29 5:30 pm-7:30 pm HPB 216
for CNA class No 2746.
16206 ORTAC 7000000 1004 W 11/2 9:00 am-11:00 am HPB 216
for CNA class No 2749.

LSC-Victory Center
16657 ORTAC 7000000 V001 Th 9/15 5:00 pm-7:00 pm VC 113
for CNA class No 2752.
16658 ORTAC 7000000 V002 Th 10/6 8:00 am-10:00 am VC 113
for CNA class No 2754.

Re-Entry Nursing Update
RNSGC 2100605 128 Contact Hours $609

Current professional nursing practice as related to the clinical areas of medical-surgical, maternal-child, mental health, and community health nursing care. Designed for nurses returning to active practice. Co-Requisite: Clinical - Registered Nursing/Nurse RNSGC 2106002

LSC-Tomball
8000 RNSGC 2100605 3001 M 8/29-12/18
Department consent required. Contact the CTE office at a LSC campus to register.
Instruction Type: Online.

Medical Terminology I
HITTC 2100500 32 Contact Hours $296

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

Health Professions Building
16780 HITTC 2100500 1001 Th 10/11-11/3 6:00 pm-10:00 pm

LSC-Conroe Center
9084 HITTC 2100500 C001 MW 10/5-11/30 6:00 pm-8:00 pm

LSC-CyFair
8673 HITTC 2100500 5001 W 9/14-11/2 8:00 am-12:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.
10788 HITTC 2100500 5002 MW 10/5-11/30 6:00 pm-8:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Kingwood
4120 HITTC 2100500 2001 Th 10/11-11/3 6:00 pm-10:00 pm

LSC-Tomball
7535 HITTC 2100500 3001 MW 8/29-10/24 3:00 pm-4:59 pm E 177

For more information, email LSCCE@LoneStar.edu
Corporate College/Career & Technical Education

Health Science

Nurse Aide & Patient Care Technician

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

LSC-Conroe Center
9083 NURAC 2109102 2001 TTh 10/4-11/10 6:00 pm-8:00 pm

LSC-Kingwood
4135 NURAC 2109102 2001 MW 9/19-10/5 6:00 pm-10:00 pm

LSC-Tomball
7553 NURAC 2109102 3001 MSu 11/7-12/7
Instruction Type: Online.

7556 NURAC 2109102 3002 MWF 11/7-12/7 3:00 pm-4:59 pm E 177

Nurse Aide State Exam Facilitator Fee
NURXC 7800121 8 Contact Hours $64
Facilitator fee for state exam for nurse aide, including written exam and skills tests. Students must have successfully completed and passed the Nurse Aide Lecture and Clinical Training, meet the criteria and be authorized by the state to test. The student is responsible for the state’s exam fee. 0.8 CEU

LSC-Conroe Center
9027 NURXC 7800121 2001 MSu 10/18-12/23 6:00 am-6:00 pm OFFSITE-ID

LSC-Kingwood
4136 NURXC 7800121 2001 Sa/su 10/15-10/16 OFFSITE-ID
Department consent required. Contact the CTE office at a LSC campus to register.

4137 NURXC 7800121 2002 Sa/su 12/10-12/11
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-North Harris
2847 NURXC 7800121 1001 Tu 12/12-12/13 OFFSITE-ID
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Tomball
7559 NURXC 7800121 3001 MSu 12/14-12/20 OFFSITE-ID
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Victory Center
2849 NURXC 7800121 3001 Tu 12/12-12/13 OFFSITE-ID
Department consent required. Contact the CTE office at a LSC campus to register.

Offsite - In District
8059 NURXC 7800121 5001 MSu 9/15-12/23 OFFSITE-ID
Department consent required. Contact the CTE office at a LSC campus to register.

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
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
2661 NURAC 2104104 1001 Su 9/17 8:30 am-4:30 pm CMED 201
2664 NURAC 2104104 1002 Su 11/19 8:30 am-4:30 pm CMED 201

LSC-Tomball
7544 NURAC 2104104 3001 Su 9/10 8:30 am-4:30 pm E 177
Department consent required. Contact the CTE office at a LSC campus to register.
7546 NURAC 2104104 3002 Su 11/12 8:30 am-4:30 pm E 177
Department consent required. Contact the CTE office at a LSC campus to register.

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 Health Professions Building.

LSC-Conroe Center
2744 NURAC 2100105 1001 Th 9/6-10/27 8:30 am-12:30 pm HPR 216
Department consent required. Contact the CTE office at a LSC campus to register.
2746 NURAC 2100105 1002 M-Th 10/3-11/17 5:30 pm-9:30 pm HPR 216
Department consent required. Contact the CTE office at a LSC campus to register.
2749 NURAC 2100105 1003 M-W 11/7-12/5 9:00 am-2:00 pm HPR 216
Department consent required. Contact the CTE office at a LSC campus to register.
2749 NURAC 2100105 1003 T 12/6 9:00 am-12:00 pm HPR 216
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-CyFair
8022 NURAC 2100105 5001 Th 9/15-11/8 9:00 am-2:00 pm HSC 105
Department consent required. Contact the CTE office at a LSC campus to register.
8043 NURAC 2100105 5002 Th 10/4-11/29 5:30 pm-10:00 pm HSC 105
Department consent required. Contact the CTE office at a LSC campus to register.
8050 NURAC 2100105 5003 M-W 11/2-12/12 5:30 pm-10:00 pm HSC 105
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Kingwood
4125 NURAC 2100105 2001 M-W 9/12/10-5 8:00 am-5:00 pm CLA 108
Department consent required. Contact the CTE office at a LSC campus to register.
4126 NURAC 2100105 2002 M-W 10/18-11/22 5:00 pm-9:00 pm CLA 108
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Tomball Health Science Bdg
7537 NURAC 2101005 1001 MW 9/12/10-24 8:30 am-1:30 pm HS 210
Department consent required. Contact the CTE office at a LSC campus to register.
7539 NURAC 2101005 1002 M-WF 11/2-12/5 8:30 am-1:30 pm HS 210
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Victory Center
2752 NURAC 2101005 V001 Th 9/20-11/10 5:00 pm-9:00 pm VC 113
Department consent required. Contact the CTE office at a LSC campus to register.
2754 NURAC 2101005 V002 Th 10/11-12/6 8:00 am-12:00 pm VC 113
Department consent required. Contact the CTE office at a LSC campus to register.

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

LSC-Conroe Center
9001 NURAC 2106003 C001 M-Su 10/14-10/28 6:00 am-6:00 pm OFFSITE-ID
Department consent required. Contact the CTE office at a LSC campus to register.
9002 NURAC 2106003 C002 M-Su 11/1-11/29 6:00 am-6:00 pm OFFSITE-ID
Department consent required. Contact the CTE office at a LSC campus to register.
9008 NURAC 2106003 C003 M-Su 12/13-12/23 6:00 am-6:00 pm OFFSITE-ID
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Kingwood
4131 NURAC 2106003 2001 M-Su 10/7-10/14 OFFSITE-ID
Department consent required. Contact the CTE office at a LSC campus to register.
4134 NURAC 2106003 2002 M-Su 11/29-12/9 OFFSITE-ID
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-North Harris
2745 NURAC 2106003 1001 M-Su 10/2-11/10 6:00 am-6:00 pm OFFSITE-ID
Department consent required. Contact the CTE office at a LSC campus to register.
2748 NURAC 2106003 1002 M-Su 11/9-11/28 6:00 am-6:00 pm OFFSITE-ID
Department consent required. Contact the CTE office at a LSC campus to register.
2750 NURAC 2106003 1003 M-Su 12/2-12/20 6:00 am-6:00 pm OFFSITE-ID
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Tomball
7548 NURAC 2106003 3001 M-Su 10/25-11/23 7:00 am-7:00 pm OFFSITE-ID
Department consent required. Contact the CTE office at a LSC campus to register.
7550 NURAC 2106003 3002 M-Su 12/6-12/23 7:00 am-7:00 pm OFFSITE-ID
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Victory Center
2753 NURAC 2106003 V001 M-Su 11/11-11/29 6:00 am-6:00 pm OFFSITE-ID
Department consent required. Contact the CTE office at a LSC campus to register.
2755 NURAC 2106003 V002 M-Su 12/7-12/21 6:00 am-6:00 pm OFFSITE-ID
Department consent required. Contact the CTE office at a LSC campus to register.

Offsite - In District
8031 NURAC 2106003 5001 M-Su 11/9-11/18 6:00 am-6:00 pm OFFSITE-ID
Department consent required. Contact the CTE office at a LSC campus to register.
8047 NURAC 2106003 5002 M-Su 11/10-12/9 6:00 am-6:00 pm OFFSITE-ID
Department consent required. Contact the CTE office at a LSC campus to register.
8053 NURAC 2106003 5003 M-Su 12/12-12/23 6:00 am-6:00 pm OFFSITE-ID
Department consent required. Contact the CTE office at a LSC campus to register.
Personal Trainer

**Exercise Science**
FITTC 2201301 48 Contact Hours $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**
10780 FITTC 2201301 5001 M 9/12-12/18 5:00 pm-8:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.

**LSC-Montgomery**
9094 FITTC 2201301 4001 MW 8/29-10/24 6:00 pm-9:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.

**LSC-North Harris**
1854 FITTC 2201301 1001 9/13-9/22 6:00 pm-10:00 pm CNED 209
1854 FITTC 2201301 1001 9/27-11/17 6:00 pm-8:00 pm CNED 209

**LSC-Tomball**
2941 FITTC 2201301 3001 T 9/6-12/13 5:00 pm-8:00 pm E 177
Department consent required. Contact the CTE office at a LSC campus to register.
2943 FITTC 2201301 3002 T 9/6-12/13 5:00 pm-8:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.

**Personal Training**
FITTC 2103702 32 Contact Hours $344
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.

**LSC-CyFair**
15869 FITTC 2103702 5001 M 9/12-12/19 8:00 pm-10:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.

**LSC-Montgomery**
9098 FITTC 2103702 4001 MW 10/31-12/7 6:00 pm-9:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.

**LSC-North Harris**
1849 FITTC 2103702 1001 T 9/27-11/17 8:00 pm-10:00 pm CMED 209

**LSC-Tomball**
7507 FITTC 2103702 3001 T 9/6-12/13 12:30 pm-2:30 pm E 177
7522 FITTC 2103702 3002 T 9/6-12/13 8:00 pm-10:00 pm

**Phlebotomy**
FITTC 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**
7378 PLABC 2102301 1003 MW 8/22-10/26 9:00 am-2:00 pm HPB 110
Department consent required. Contact the CTE office at a LSC campus to register.
7356 PLABC 2102301 1002 MW 9/19-12/12 5:30 pm-9:30 pm HPB 110
Department consent required. Contact the CTE office at a LSC campus to register.
7378 PLABC 2102301 1003 M 10/31 9:00 am-12:00 pm HPB 110
Department consent required. Contact the CTE office at a LSC campus to register.

**LSC-Conroe Center**
9054 PLABC 2102301 C001 MW 9/19-11/11 9:00 am-1:00 pm CC 119
Department consent required. Contact the CTE office at a LSC campus to register.
9059 PLABC 2102301 C002 MW 10/24-1/30 6:00 pm-10:00 pm CC 119
Department consent required. Contact the CTE office at a LSC campus to register.

**LSC-Tomball**
7753 PLABC 2102301 T002 Th 11/8-1/17 8:30 am-2:30 pm HS 210
Department consent required. Contact the CTE office at a LSC campus to register.

**LSC-Tomball Health Science Bdg**
7723 PLABC 2102301 T001 Th 9/13-11/3 8:30 am-2:30 pm HS 210
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.

**LSC-Conroe Center**
9077 PLABC 2109100 C001 M 11/12-1/15 6:00 am-6:00 pm OFFSITE-ID
Department consent required. Contact the CTE office at a LSC campus to register.
9078 PLABC 2109100 C002 M 12/15-2/15 6:00 am-6:00 pm OFFSITE-ID
Department consent required. Contact the CTE office at a LSC campus to register.

**LSC-North Harris**
16651 PLABC 2109100 C003 M 11/1-1/15 7:00 am-7:00 pm OFFSITE-ID
PCT Clinical Department consent required. Contact the CTE office at a LSC campus to register.
### Corporate College/Career & Technical Education
### Career & Technical Education
### Course Descriptions
### Fall 2016  Non-Credit Course Catalog and Schedule

#### Health Science

| LSC-North Harris | 1775 PLABC 2106001 1004 MSu 8/30-9/29 7:00 am-7:00 pm OFFSITE-ID |
| LSC-Tomball | 7991 PLABC 2109100 3001 MSu 11/4-12/4 7:00 am-7:00 pm OFFSITE-ID |
| LSC-Conroe Center | 9071 PLABC 2106001 C001 MSu 11/12/15 6:00 am-6:00 pm OFFSITE-ID |

**Health Science**

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Campus</th>
<th>Type</th>
<th>Start Date</th>
<th>End Date</th>
<th>Time</th>
<th>Consent Required?</th>
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</thead>
<tbody>
<tr>
<td>Phlebotomy, Clinical</td>
<td>PLABC 2106001</td>
<td>LSC-North Harris</td>
<td>On-Campus</td>
<td>8/30-9/29</td>
<td>7:00 am-7:00 pm</td>
<td>OFFSITE-ID</td>
<td>Department consent required. Contact the CTE office at a LSC campus to register.</td>
</tr>
<tr>
<td>Phlebotomy, Clinical</td>
<td>PLABC 2109100</td>
<td>LSC-Tomball</td>
<td>On-Campus</td>
<td>11/1-12/15</td>
<td>7:00 am-7:00 pm</td>
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<td>OFFSITE-ID</td>
<td>Department consent required. Contact the CTE office at a LSC campus to register.</td>
</tr>
</tbody>
</table>

#### 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.

**Contact Information:**

CorporateCollege@LoneStar.edu
LSCCE@LoneStar.edu

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**Fall 2016 Non-Credit Course Catalog and Schedule**

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**LSC-North Harris**

**LSC-Tomball**

**LSC-Conroe Center**

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**Section:**

- **LSC-North Harris**
- **LSC-Tomball**
- **LSC-Conroe Center**

**Instructor Recruiting**

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**Contact Information:**

CorporateCollege@LoneStar.edu
LSCCE@LoneStar.edu
Hospitality

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.

Programs

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

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

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

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

Floral Design Program Orientation
FMKXC 7300001 1 Contact Hours $0
Begin a career in the floral industry. This orientation session will describe the Professional Floral Design Program in detail. You will discover all the exciting opportunities offered. This program is in partnership with the Texas State Florists Association and is exclusively offered at the Tomball campus.

LSC-Tomball
2975 FMKXC 7300001 TTh 9/1 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
2954 FMKTC 2109113 TTh 10/14 6:00 pm-8:00 pm E 178
2955 FMKTC 2109113 TTh 10/14 6:00 pm-8:00 pm E 178
Department consent required. Contact the CTE office at a LSC campus to register.
**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**  
2974 FMKTC 2109118 3001 M-Th 12/8-12/15 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**  
2964 FMKTC 2109120 3001 Th 11/29-12/6 9:00 am-1:00 pm E 178  
2970 FMKTC 2109120 3002 Th 11/29-12/6 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**  
2961 FMKTC 2109116 3001 Th 11/8-11/22 9:00 am-1:00 pm E 178  
Department consent required. Contact the CTE office at a LSC campus to register.  
2963 FMKTC 2109116 3002 Th 11/8-11/22 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**  
2950 FMKTC 2109111 3001 Th 9/6-9/15 9:30 am-11:30 am E 178  
2952 FMKTC 2109111 3002 Th 9/6-9/15 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**  
2957 FMKTC 2109115 3001 Th 10/20-11/3 9:00 am-1:00 pm E 178  
Department consent required. Contact the CTE office at a LSC campus to register.  
2959 FMKTC 2109115 3002 Th 10/20-11/3 6:00 pm-10:00 pm E 178  
Department consent required. Contact the CTE office at a LSC campus to register.

**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**  
2953 FMKTC 2109112 3001 Th 9/20/29 9:30 am-11:30 am 7201 FMKTC 2109112 3002 Th 9/20/29 6:00 pm-8:00 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 (Lovegevity’s Wedding Planning Institute) certification exam. PC or laptop required as tablets do not work with the online system.

**LSC-North Harris**  
1871 BUSGC 2109124 1001 M 9/12-11/28 6:00 pm-9:30 pm CNEO 206
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

CompTIA A+ Certification 96 hours, $1281
See Industry Certification & Exam Prep page 69

CompTIA NET+ Certification TBD hours, $TBD
See Industry Certification & Exam Prep page 69

Oracle Certification 120 hours, $4632
See Industry Certification & Exam Prep page 69

CompTIA NET+ Certification TBD hours, $TBD
See Industry Certification & Exam Prep page 69

Linked with a credit course. See page 5 for requirements.
Access I
ITSWC  2105311  16 Contact Hours  $232
An introduction to database concepts including: Program parameters, constant default values, data entry form design, database organization, and report generation. Prerequisite: Windows training or equivalent knowledge.

LSC-Kingwood
ITSWC  2105311
Start anytime and complete in four weeks! Student must have access to the Internet, an email account, and the 2013 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. Call 281.312.1660 to register. Department consent required. Contact the CTE office at a LSC campus to register. Instruction Type: Online.

LSC-Tomball
3024  ITSWC  2105311  3001  M-Th  10/10-10/13  9:00 am-1:00 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
ITSWC  2105509
Start anytime and complete in four weeks! Student must have access to the Internet, an email account, and the 2013 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. Call 281.312.1660 to register. Department consent required. Contact the CTE office at a LSC campus to register. Instruction Type: Online.

LSC-Tomball
3025  ITSWC  2105509  3001  M-Th  10/17-10/20  9:00 am-1:00 pm  E 160

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

LSC-Conroe Center
4043  DFTGC  2101401  C001  M-W  8/22-9/15  6:00 pm-10:00 pm  CC 215
Closed 9/5/2016.

LSC-CyFair
17546  DFTGC  2101401  5002  M-W  8/22/19  6:00 pm-10:00 pm  CASA 219
Department consent required. Contact the CTE office at a LSC campus to register.

17547  DFTGC  2101401  5003  T-Th  8/23/15  6:00 pm-10:00 pm  CASA 219
Department consent required. Contact the CTE office at a LSC campus to register.

17544  DFTGC  2101401  5001  M-Su  8/27-10/1
Mandatory orientation. For information email Randel.H.Dobson@LoneStar.edu. Department consent required. Contact the CTE office at a LSC campus to register. Instruction Type: Online.

LSC-Kingwood
17545  DFTGC  2101401  2001  M  9/12-11/21  6:30 pm-9:30 pm  CLA 106
Class dismisses one hour early during one session.

LSC-Montgomery
4042  DFTGC  2101401  4001  MW  9/7-10/3  6:00 pm-10:00 pm  MCE 203
Closed 9/5/2016.

LSC-North Harris
2669  DFTGC  2101401  1001  MW  9/12-10/5  6:00 pm-10:00 pm  DTEC 103

LSC-University Park
6991  DFTGC  2101401  6001  Th  9/6-9/29  UPEMI 143

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
4050  DFTGC  1105000  C001  MW  9/26-10/19  6:00 pm-10:00 pm  CC 215
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-CyFair
4727  DFTGC  1105000  5003  T-Th  9/20-10/13  6:00 pm-10:00 pm
4726  DFTGC  1105000  5002  MW  9/26-10/19  6:00 pm-10:00 pm
4725  DFTGC  1105000  5001  Sa  10/8-11/12
Instruction Type: Online.

LSC-Kingwood
5785  DFTGC  1105000  2001  T-Th  8/23-9/27  6:30 pm-9:30 pm  CLA 106
Class dismisses one hour early during one session.
5786  DFTGC  1105000  2002  Sa  10/15-12/10  8:30 am-12:30 pm  CLA 106

LSC-Montgomery
4048  DFTGC  1105000  4001  MW  10/10-11/2  6:00 pm-10:00 pm  MCE 203
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-North Harris
2671  DFTGC  1105000  1001  MW  10/10-11/2  6:00 pm-10:00 pm  DTEC 103

LSC-University Park
17585  DFTGC  1105000  6001  T-Th  10/11-11/3  6:00 pm-10:00 pm  UPEMI 143

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
4057  DFTGC  1200400  C001  MW  10/31-11/28  6:00 pm-10:00 pm  CC 215
Department consent required. Contact the CTE office at a LSC campus to register. Closed 11/23/2016.

LSC-CyFair
4730  DFTGC  1200400  5003  T-Th  10/18-11/10  6:00 pm-10:00 pm
4729  DFTGC  1200400  5002  MW  10/24-11/16  6:00 pm-10:00 pm
4728  DFTGC  1200400  5001  Sa  11/19-12/24
Instruction Type: Online.

LSC-Kingwood
5788  DFTGC  1200400  2001  T-Th  10/4-11/8  6:30 pm-9:30 pm  CLA 106
Class dismisses one hour early during one session.

LSC-Montgomery
4055  DFTGC  1200400  4001  MW  11/14-12/12  6:00 pm-10:00 pm  MCE 203
Department consent required. Contact the CTE office at a LSC campus to register. Closed 11/23/2016.
CCNP Collaboration II

ITCCC 2207600 96 Contact Hours $237
This course teaches students how to implement various Cisco Unified Video endpoints in converged Cisco video infrastructures. It also covers implementing and troubleshooting Cisco Unified Communication and Collaboration, TelePresence, and Digital Media Player in different Cisco business video solution architectures. This course is linked to ITCC 2376.

LSC-CyFair
17100 ITCCC 2207600 5001 TTh 11/15-12/13 6:00 pm-10:00 pm UPE-En 143

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

CCNA Data Center I

ITCCC 2107101 96 Contact Hours $240
This course covers student’s knowledge of networking concepts for the Data Center environment based on Nexus-OS. Student’s will learn fundamental information on how to configure virtualization in the network, addressing schemes, and troubleshooting and configuration skills. This course is linked to ITCC 1371.

LSC-CyFair
17395 ITCCC 2107101 5001 MW 8/29-12/18 6:00 pm-9:00 pm TECH 121
Please contact Donna.Ivey@Lonestar.edu for more information. Department consent required. Contact the CTE office at a LSC campus to register.

CCNA Security

ITCCC 2204100 80 Contact Hours $316
Overall security processes with particular emphasis on hands-on skills in the following areas: security policy design and management; security technologies, products, and solutions; and secure router design, installation, configuration, and maintenance; AAA and VPN implementation using routers and firewalls. This course is linked to ITCC 2441. Prerequisite: Completion of ITCC 1401, ITCC 1404, ITCC 2408, and ITCC 2410 or CCNA Certification.

LSC-CyFair
13656 ITCCC 2204100 5001 TTh 8/29-12/18 6:00 pm-9:30 pm TECH 121
Please contact Donna.Ivey@Lonestar.edu for more information. Department consent required. Contact the CTE office at a LSC campus to register.

CCNP Routing-Implementing IP Routing

ITCCC 2205400 96 Contact Hours $282
How to implement, monitor, and maintain routing services in an enterprise network. How to plan, configure, and verify the implementation of complete enterprise LAN and WAN routing solutions using a range of routing protocols in IPv4 and IPv6 environments. Configuration of secure routing solutions to support branch offices and mobile workers. This course is linked to ITCC 2354.

LSC-CyFair
13620 ITCCC 2205400 5001 F 9/9-12/18 6:00 pm-9:30 pm TECH 114
Please contact Donna.Ivey@Lonestar.edu for more information. Department consent required. Contact the CTE office at a LSC campus to register.
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 1307. 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
15907 ARTCC 2101701 2001 Th 8/29-12/18 9:30 am-11:50 am ADM 202

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
15904 ARTCC 2100202 2001 MW 8/29-12/18 1:30 pm-3:50 pm ADM 202
Class Topic: Instructor: Montefante

LSC-Montgomery
14797 ARTCC 2100202 4301 T 8/29-12/18 6:30 pm-9:00 pm MCF F331
Blended; In person with some online instruction required. Online orientation required. Access your course at www.LoneStar.edu/lsc-online. Instruction Type: Hybrid, Internet.

LSC-North Harris
10375 ARTCC 2100202 1001 MW 8/29-12/18 8:30 am-10:20 am DTEC 111
Use Photoshop. Additional 1 hr/week in open lab. Department consent required. Contact the CTE office at a LSC campus to register. Instruction Type: Hybrid, Computer.
10401 ARTCC 2100202 1003 MW 8/29-12/18 2:00 pm-4:20 pm DTEC 113
Use Photoshop. Additional 1 hr/week in open lab. Department consent required. Contact the CTE office at a LSC campus to register. Instruction Type: Hybrid, Computer.
10415 ARTCC 2100202 1007 F 9/9-12/18 DTEC 111
Use Photoshop. Additional 1 hr/week in open lab. Department consent required. Contact the CTE office at a LSC campus to register. Instruction Type: Hybrid, Computer.
10409 ARTCC 2100202 1005 T 9/9-12/18 6:00 pm-9:50 pm DTEC 113
Use Photoshop. Additional 1 hr/week in open lab. Department consent required. Contact the CTE office at a LSC campus to register. Instruction Type: Hybrid, Computer.

Electrical Drafting
DFTGC 2200701 64 Contact Hours $237
A study of area lighting, control systems and power layouts, electrical and safety codes, load factors and distribution requirements. This course is linked to DFTG 2307.

LSC-Creekside Center
13993 DFTGC 2200701 K001 MW 10/24-12/18 6:30 pm-8:10 pm CS 142
Lab DFTGC 2200701 K002 MW 10/24-12/18 8:20 pm-10:00 pm CS 142
For more information contact Antonius.L.Bom@LoneStar.edu.

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-Conroe Center
6060 ITSWC 2102224 C001 MW 10/17-12/16 6:00 pm-10:00 pm
LSC-Creekside Center
15404 ITSWC 2102224 K001 MW 11/9-11/21 6:00 pm-10:00 pm
LSC-CyFair
4793 ITSWC 2102224 5001 Sa 10/15-10/22 8:00 am-5:00 pm
LSC-Kingwood
5790 ITSWC 2102224 2001 Th 10/25-11/17 6:30 pm-8:30 pm

Start anytime and complete in four weeks! Student must have access to the Internet and email. Access on the student's computer to the software being studied is useful for practice, but not required. 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 by the publisher for access to these materials. Call 281.312.1660 to register. Department consent required. Contact the CTE office at a LSC campus to register. Instruction Type: Online.

LSC-Tomball
3018 ITSWC 2102224 3001 MW 8/31-9/14 9:00 am-1:00 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-Conroe Center
6082 ITSWC 2104606 C001 MW 10/31-11/9 6:00 pm-10:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Creekside Center
15405 ITSWC 2104606 K001 MW 11/28-12/7 6:00 pm-10:00 pm
LSC-CyFair
4794 ITSWC 2104606 5001 Sa 10/29-11/5 8:00 am-5:00 pm
LSC-Kingwood
ITSWC 2104606 Start anytime and complete in four weeks! Student must have access to the Internet and email. Access on the student's computer to the software being studied is useful for practice, but not required. 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 by the publisher for access to these materials. Call 281.312.1660 to register. Department consent required. Contact the CTE office at a LSC campus to register. Instruction Type: Online.

LSC-Montgomery
ITSWC 2104606 6065 ITSWC 2104606 4001 Th 8/30/9-9/1 6:00 pm-10:00 pm MCF E203
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Tomball
3021 ITSWC 2104606 3001 MW 9/19-9/28 9:00 am-1:00 pm E 160
Gaming Design and Development, Introduction
GAMEC 2100301 80 Contact Hours $213
Introduction to electronic game development and game development careers. Includes examination of history and philosophy of games, the game production process, employee factors for success in the field, and current issues and practices in the game development industry. This course is linked to GAME 1303.

LSC-North Harris
15677 GAMEC 2100301 1001 Su 9/9-12/18 9:00 am-12:50 pm DITEC 113
Department consent required. Contact the CTE office at a LSC campus to register.
Instruction Type: Hybrid, Computer.

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
15397 ITNWC 2105901 K001 W 8/31-10/19 6:00 pm-10:00 pm
LSC-Montgomery
1417 ITNWC 2105901 4001 W 9/7-9/28 6:00 pm-10:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.
Instruction Type: Hybrid, Internet.

Installing and Configuring Windows Server 2012
ITMTC 2207100 80 Contact Hours $240
Hands on instruction and practice installing and configuring Windows Server 2012, including Windows Server 2012 R2. This course is linked to ITMT 2371.

LSC-Kingwood
16446 ITMTC 2207100 2001 T 8/29-10/23 6:00 pm-9:50 pm ADM 201

Introduction to Networks
ITCCC 2107502 80 Contact Hours $240
Introduce the architecture, structure, functions, components, and models of the Internet and other computer networks. The principles and structure of IP addressing and the fundamentals of Ethernet concepts, media, and operations are introduced to provide a foundation for the curriculum. By the end of the course, students will be able to build simple LANs, perform basic configurations for routers and switches, and implement IP addressing schemes. This course is linked to ITCC 1375.

LSC-Creekside Center
15471 ITCCC 2107502 K001 MW 8/29-10/23 6:00 pm-8:20 pm CS 111
Lab ITCCC 2107502 K002 MW 8/29-10/23 8:30 pm-11:00 pm CS 111
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-CyFair
17356 ITCCC 2107502 5003 MW 8/29-10/23 5:30 pm-10:30 pm TECH 118
Please contact Donna.Ivey@Lonestar.edu for more information. Department consent required. Contact the CTE office at a LSC campus to register.

17352 ITCCC 2107502 5001 Th 8/29-10/23 5:30 pm-10:30 pm TECH 116
Please contact Donna.Ivey@Lonestar.edu for more information. Department consent required. Contact the CTE office at a LSC campus to register.

17361 ITCCC 2107502 5007 Th 8/29-12/18 6:00 pm-8:30 pm TECH 114
Please contact Donna.Ivey@Lonestar.edu for more information. Department consent required. Contact the CTE office at a LSC campus to register.

17359 ITCCC 2107502 5005 F 9/9-10/23 5:30 pm-10:30 pm TECH 116
Please contact Donna.Ivey@Lonestar.edu for more information. Department consent required. Contact the CTE office at a LSC campus to register.

IT Essentials
ITSCC 2107101 80 Contact Hours $240
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 ITSC 1371.

LSC-Kingwood
16422 ITSCC 2107101 2003 MW 8/29-10/23 6:00 pm-9:00 pm LIB 226
Instruction Type: Hybrid, Internet.

Lighting for Film or Video
FLMCC 2100401 96 Contact Hours $240
Lighting techniques for film or video production. This course is linked to FLMC 1304. Prerequisite: ENGL 0305 or ENGL 0316 AND ENGL 0307 or 0326 or 0356, OR higher level course (ENGL 1301), OR placement by testing.

LSC-Montgomery
15120 FLMCC 2100401 4001 MW 8/29-12/18 2:00 pm-4:50 pm TEM T112

Linux Installation and Configuration
ITSCC 2101600 80 Contact Hours $240
Introduction to Linux operating system. Includes Linux installation, basic administration, utilities and commands, upgrading, networking, security, and application installation. Emphasizes hands-on setup, administration, and management of Linux. This course is linked to ITSC 1316.

LSC-Kingwood
16427 ITSCC 2101600 2001 M 8/29-12/18 6:00 pm-8:20 pm ADM 201
Mandatory Lab on Mondays 6:00 - 8:20. Students must have access to the Internet. Offered FALL ONLY. Instruction Type: Hybrid, Internet.
Networking Technologies, Fundamentals

ITNWC 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: ITSC or COSC 1301

LSC-Kingwood
16420 ITNWC 2102501 2803 8/29/12/18
100% online course, students must have access to the Internet. This course is prep for the CompTIA Network+ exam. Access your online course at www.LoneStar.edu/lsc-online. Instruction Type: Online.

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
GRPHC 2109104
Start anytime and complete in four weeks! Call 281.312.1660 to register. Department consent required. Contact the CTE office at a LSC campus to register. Instruction Type: Online.

Photoshop II for Web

GRPHC 2109200 24 Contact Hours $336
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-Creekside Center
15386 GRPHC 2109200 K001 Th 10/20-12/1 6:00 pm-10:00 pm

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
ITSWC 2103702
Start anytime and complete in four weeks! Student must have access to the Internet, an email account, and the 2013 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. Call 281.312.1660 to register. Department consent required. Contact the CTE office at a LSC campus to register. 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
15391 GRPHC 2109201 K001 Th 9/8-10/13 6:00 pm-10:00 pm

LSC-Montgomery
1418 GRPHC 2109201 4001 W 10/5/10/26 6:00 pm-10:00 pm
Department consent required. Contact the CTE office at a LSC campus to register. Instruction Type: Hybrid, Internet.
PowerPoint II
ITSWC 2104102 16 Contact Hours $232
Create and modify multimedia presentations complete with slides, charts, and special effects. Microsoft PowerPoint is used to create dynamic presentations for demonstrations and the Web using graphs, charts, hyperlinks, objects, and timings. Prerequisite: PowerPoint I or equivalent knowledge.

LSC-Kingwood
Start anytime and complete in four weeks! Student must have access to the Internet, an email account, and the 2013 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. Call 281.312.1650 to register.

Instruction Type: Online.

LSC-Tomball
7267 ITSWC 2104102 3001 Tth 10/18-10/27 6:00 pm-10:00 pm E 160

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 ITCCC 1376.

LSC-Creekside Center
15474 ITCCC 2107602 K001 MW 10/24-12/18 8:00 am-10:20 am CS 113
Lab ITCCC 2107602 K002 MW 10/24-12/18 10:30 am-1:00 pm CS 113
Department consent required. Contact the CTE office at a LSC campus to register.
15477 ITCCC 2107602 K003 MW 10/24-12/18 6:00 pm-8:20 pm CS 111
Lab ITCCC 2107602 K004 MW 10/24-12/18 8:30 pm-11:00 pm CS 111
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-CyFair
13650 ITCCC 2107602 5001 Th 8/29-10/23 5:30 pm-10:30 pm TECH 118
Please contact Donna.Ivey@Lonestar.edu for more information. Department consent required. Contact the CTE office at a LSC campus to register.
13652 ITCCC 2107602 5003 MW 10/24-12/18 5:30 pm-10:30 pm TECH 116
Please contact Donna.Ivey@Lonestar.edu for more information. Department consent required. Contact the CTE office at a LSC campus to register.

LSC-North Harris
16804 ITCCC 2107602 1001 Th 8/29-10/23 5:30 pm-9:50 pm DTEC 206
Department consent required. Contact the CTE office at a LSC campus to register.

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

LSC-Montgomery
1182 ITNWC 2109100 4001 T 8/30-9/6 6:00 pm-10:00 pm
Instruction Type: Hybrid, Internet.

SolidWorks I
DFTGC 1109102 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. This course addresses training in the design software SolidWorks. AutoCAD is highly recommended but not required to take SolidWorks. Textbook required.

LSC-University Park
14152 DFTGC 1109102 6001 Th 10/18-11/10 6:00 pm-10:00 pm
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
17552 DFTGC 2109120 5001 M/W 9/12/10-12 6:00 pm-9:00 pm CASA 219
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Kingwood
17550 DFTGC 2109120 2001 M 9/12/11-14 6:30 pm-9:30 pm CLA 106

LSC-North Harris
2705 DFTGC 2109120 1001 TTh 9/6-10/6 6:00 pm-9:00 pm DTEC 103

LSC-University Park
7049 DFTGC 2109120 6001 Sa 9/10-10/8 9:00 am-3:00 pm UP-ENI 214
7065 DFTGC 2109120 6002 Sa 10/29-12/17 Instruction Type: Online.

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
4733 DFTGC 1109101 5001 M/W 10/17-11/6 6:00 pm-9:00 pm Department consent required. Contact the CTE office at a LSC campus to register.

LSC-North Harris
2701 DFTGC 1109101 1001 TTh 10/11-11/10 6:00 pm-9:00 pm DTEC 103

LSC-University Park
17587 DFTGC 1109101 6002 Sa 10/22-11/19 9:00 am-3:00 pm UP-ENI 214
17590 DFTGC 1109101 6003 Su 10/29-12/17 Instruction Type: Online.
14154 DFTGC 1109101 6001 TTh 11/15-12/15 6:00 pm-10:00 pm

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
IMEDC 2100201 Start anytime and complete in eight weeks! Call 281.312.1660 to register. Department consent required. Contact the CTE office at a LSC campus to register. 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
16443 ITMTC 2107001 2001

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-CyFair
4795 POFIC 2102406 5001 Sa 11/12-11/19 8:00 am-5:00 pm

LSC-Kingwood
5793 POFIC 2102406 2001 TTh 9/20-10/13 6:30 pm-8:30 pm POFIC 2102406

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
POFIC 2104202

Word II
POFIC 2104202 3001 TTh 9/6-9/15 6:00 pm-10:00 pm E 160
POFIC 2104202 3002 M/W/TTh 12/5-12/8 9:00 am-1:00 pm E 160

Instruction Type: Online.
**Word Complete - Online**

POFIC  2202501  48 Contact Hours  $657

Word Processing application to produce mailable documents. This course is designed to prepare students for the Microsoft Office Specialist Word Core/Microsoft Office Specialist Word Expert/Microsoft Certified Application Specialist Word exams. Student must have access to the internet, e-mail and the version of Microsoft Word required for course. Certification exam fee not included.

**LSC-Kingwood**

POFIC  2202501

Start anytime and complete in 12 weeks! Student must have access to the Internet, an email account, and the 2013 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. Call 281.312.1660 to register. Instruction Type: Online.

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**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**

15403 ITSEC  2109151  K001  W  10/26-12/7  6:00 pm-10:00 pm

**LSC-Montgomery**

1419 ITSEC  2109151  4001  W  11/2-11/30  6:00 pm-10:00 pm

Department consent required. Contact the CTE office at a LSC campus to register. Closed 11/25/16. Instruction Type: Hybrid, Internet.

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**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
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.

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

Programs

**Emergency Medical Technician (EMT), Basic**
See Health Science page 46

**Law Enforcement Officer (TCOLE) Certification**

<table>
<thead>
<tr>
<th>Certification</th>
<th>Hours</th>
<th>Cost</th>
</tr>
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<tr>
<td>Basic Peace Officer IV</td>
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</table>

Linked with a credit course. See page 5 for requirements.
Corporate College/Career & Technical Education
Law, Public Safety, Corrections & Security

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
3917  CJLEC  2101202  6001  M-Th  8/23-9/29  7:00 am-4:15 pm  UP12 116
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
3921  CJLEC  2101802  6001  M-Th  10/3-11/8  7:00 am-4:15 pm  UP12 116
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
3921  CJLEC  2102402  6001  M-Th  9/14-12/15  6:00 pm-10:00 pm
Part-time night class cohort. Department consent required. Contact the CTE office at a LSC campus to register.

The Law Enforcement Academy prepares students for the state’s licensing exam with its Basic Peace Officer courses. The academy meets the Texas Commission on Law Enforcement Officer Standards and Education (TCOLE) requirements.

• Day and night classes available
• Background and fingerprint check required
• Applications due six weeks before start of class

For more information, call 281.765.7775 or visit: LoneStar.edu/LEA
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

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<tr>
<th>Program</th>
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<tr>
<td>Commercial Drivers License Exam Preparation</td>
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Linked with a credit course. See page 5 for requirements.
Transportation, Distribution & Logistics

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 brake theory, diagnosis and repair of power, manual, anti-lock brake systems, and parking brakes. May be taught manufacturer specific. This course is linked to AUMT 1410. Must have high school diploma, successful completion of GED or be in the early admissions program.

Prequisite: Automotive Electrical Systems.

LSC-Conroe Center

17514 AUMTC 2101001 C081 MW 8/29-10/23 11:00 am-1:30 pm AUMTC 1405

Hybrid class requires some online participation. Class held 8/29/2016-10/23/2016 at LSC-Conroe Center. 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-Conroe Center

17508 AUMTC 2100701 C081 MW 10/24-12/18 7:00 pm-9:30 pm

Hybrid class requires some online participation. Class held 10/24/2016-12/18/2016 at LSC-Conroe Center. Instruction Type: Hybrid, Internet.

17512 AUMTC 2100701 C981 MW 10/24-12/18 2:30 pm-5:00 pm

Hybrid class requires some online participation. Class held 10/24/2016-12/18/2016 at LSC-Conroe Center. Instruction Type: Hybrid, Internet.

17510 AUMTC 2100701 C083 MW 10/24-12/18 6:00 pm-8:30 pm

Hybrid class requires some online participation. Class held 10/24/2016-12/18/2016 at LSC-Conroe Center. Instruction Type: Hybrid, Internet.

LSC-North Harris

15458 AUMTC 2100701 1003 MW 8/29-11/16 8:30 am-11:30 am

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 LSC Conroe Center. Instruction Type: Hybrid, Internet.

Automotive Engine Repair

AUMTC 2101901 112 Contact Hours $326

Fundamentals of engine operations, diagnosis and repair including lubrication systems and cooling systems. Emphasis on overhaul of selected engines, identification and inspection, measurements, and disassembly, repair, and reassembly of the engine. 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 1419.

Prequisite: Intro to Automotive Technology.

LSC-North Harris

16748 AUMTC 2101901 1001 MW 8/29-12/18 8:00 am-11:00 am

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-Conroe Center

Lab Lab AUMTC 2100501 C084

Hybrid class requires some online participation. Class held 8/29/2016-10/23/2016 at LSC-Conroe Center. Instruction Type: Hybrid, Internet.

17502 AUMTC 2100501 C081 MW 8/29-10/23 7:00 am-9:30 am

Hybrid class requires some online participation. Class held 8/29/2016-10/23/2016 at LSC-Conroe Center. Instruction Type: Hybrid, Internet.

17506 AUMTC 2100501 C981 MW 8/29-10/23 2:30 pm-5:00 pm

Hybrid class requires some online participation. Class held 8/29/2016-10/23/2016 at LSC-Conroe Center. Instruction Type: Hybrid, Internet.

17504 AUMTC 2100501 C083 MW 8/29-10/23 6:00 pm-8:30 pm

Instruction Type: Hybrid, Internet.

LSC-North Harris

15440 AUMTC 2100501 1001 MW 8/29-12/18 8:00 am-11:00 am

AT102. Department consent required. Contact the CTE office at a LSC campus to register. Instruction Type: Hybrid, Internet.

15445 AUMTC 2100501 1005 MW 8/29-12/18 6:30 pm-9:30 pm

AT102. Department consent required. Contact the CTE office at a LSC campus to register. Instruction Type: Hybrid, Internet.

15442 AUMTC 2100501 1003 Th 8/29-12/18 8:30 am-11:30 am

AT102. Department consent required. Contact the CTE office at a LSC campus to register. Instruction Type: Hybrid, Internet.
Commercial Drivers License Exam Preparation
CVOPC 2101500 16 Contact Hours $248
Preparation for the federally mandated Commercial Drivers License Examination. CDL Class “A”. This course is a component of the preparation required for testing and issuance of a commercial driver’s license, Class A from the Texas Department of Public Safety.

Offsite - In District
1566 CVOPC 2101500 1026 MThu 8/29/16 7:00 am-4:30 pm TRANS INST 102
Department consent required. Contact the CTE office at a LSC campus to register.
1954 CVOPC 2101500 1028 MThu 8/29/16 7:00 am-4:30 pm TRANS INST 102
Department consent required. Contact the CTE office at a LSC campus to register.
1565 CVOPC 2101500 1022 MThu 9/19/16 7:00 am-5:00 pm TRANS INST 102
Department consent required. Contact the CTE office at a LSC campus to register.
2029 CVOPC 2101500 1030 TW 9/27/16 7:00 am-8:20 am TRANS INST 102
Department consent required. Contact the CTE office at a LSC campus to register.
2045 CVOPC 2101500 1034 MThu 10/11/16 7:00 am-4:30 pm TRANS INST 102
Department consent required. Contact the CTE office at a LSC campus to register.
2040 CVOPC 2101500 1032 MThu 11/14/16 7:00 am-5:00 pm TRANS INST 102
Department consent required. Contact the CTE office at a LSC campus to register.
2050 CVOPC 2101500 1036 ThF 12/1/16 7:00 am-4:30 pm TRANS INST 102
Department consent required. Contact the CTE office at a LSC campus to register.

Commercial Drivers License Written Skills
CVOPC 2100500 64 Contact Hours $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
2041 CVOPC 2100500 1034 MTh 9/19/16 7:00 am-4:30 pm TRANS INST 102
Department consent required. Contact the CTE office at a LSC campus to register.
2046 CVOPC 2100500 1036 MTh 10/19/16 7:00 am-4:30 pm TRANS INST 102
Department consent required. Contact the CTE office at a LSC campus to register.
16607 CVOPC 2100500 1040 MTh 11/16/16 7:00 am-4:30 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. 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
2022 CVOPC 2101300 1030 MTh 8/29/16 7:00 am-4:30 pm TRANS INST 102
Department consent required. Contact the CTE office at a LSC campus to register.
2037 CVOPC 2101300 1032 SaSu 9/17/16 7:00 am-5:00 pm TRANS INST 102
Department consent required. Contact the CTE office at a LSC campus to register.
2042 CVOPC 2101300 1034 MTh 9/29/16 7:00 am-4:30 pm TRANS INST 102
Department consent required. Contact the CTE office at a LSC campus to register.
2047 CVOPC 2101300 1036 MTh 10/31/16 7:00 am-4:30 pm TRANS INST 102
Department consent required. Contact the CTE office at a LSC campus to register.
16608 CVOPC 2101300 1040 MTh 12/5/16 7:00 am-4:30 pm TRANS INST 102
Department consent required. Contact the CTE office at a LSC campus to register.

Professional Truck Driver II
CVOPC 2104001 80 Contact Hours $1153
A continuation of Professional Truck Driver I. General truck driving with hands-on skill development and instruction coordinated with the Department of Transportation. This course provides the trainee with the basic knowledge and skills test which includes pre-trip inspection, basic control skills test, driving. The purpose of the Commercial Driver’s License is to certify basic skills in actually operating a commercial vehicle. Day and weekend classes are available. For further information on how to register, please call (281) 765.7750. Support specialists will help you complete registration. 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
2025 CVOPC 2104001 1030 MTh 8/29/16 7:00 am-4:30 pm TRANS INST 102
Department consent required. Contact the CTE office at a LSC campus to register.
2026 CVOPC 2104001 1031 MTh 8/29/16 7:00 am-4:30 pm TRANS INST 102
Department consent required. Contact the CTE office at a LSC campus to register.
2038 CVOPC 2104001 1032 SaSu 9/17/16 7:00 am-5:00 pm TRANS INST 102
Department consent required. Contact the CTE office at a LSC campus to register.
2039 CVOPC 2104001 1033 SaSu 9/17/16 7:00 am-5:00 pm TRANS INST 102
Department consent required. Contact the CTE office at a LSC campus to register.
2043 CVOPC 2104001 1034 MTh 9/29/16 7:00 am-4:30 pm TRANS INST 102
Department consent required. Contact the CTE office at a LSC campus to register.
2044 CVOPC 2104001 1035 MTh 9/29/16 7:00 am-4:30 pm TRANS INST 102
Department consent required. Contact the CTE office at a LSC campus to register.
2048 CVOPC 2104001 1036 MTh 10/31/16 7:00 am-4:30 pm TRANS INST 102
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2049 CVOPC 2104001 1037 MTh 10/31/16 7:00 am-4:30 pm TRANS INST 102
Department consent required. Contact the CTE office at a LSC campus to register.
16609 CVOPC 2104001 1040 MTh 12/5/16 7:00 am-4:30 pm TRANS INST 102
Department consent required. Contact the CTE office at a LSC campus to register.
16610 CVOPC 2104001 1041 MTh 12/5/16 7:00 am-4:30 pm TRANS INST 102
Department consent required. Contact the CTE office at a LSC campus to register.

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.
Professional Truck Driver (CDL) Grant Opportunity

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. Classes below are part of this grant funded intensive schedule. Schedule an orientation today to see if you meet the eligibility requirements to join this Professional Truck Driver (CDL) program. For more information, call 281.765.7750.

Professional Truck Driver I

CVOPC 1101301 80 Contact Hours
Funding available check with Continuing Education Office
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.

Offsite - In District

CVOPC 1101301 1158 M-F 8/29-9/2 7:00 am-5:30 pm TRANS INST 101
Department consent required. Contact the CTE office at a LSC campus to register.
CVOPC 1101301 1159 M-F 8/29-9/2 7:00 am-5:30 pm TRANS INST 101
Department consent required. Contact the CTE office at a LSC campus to register.
CVOPC 1101301 1160 M-F 8/29-9/2 7:00 am-5:30 pm TRANS INST 101
Department consent required. Contact the CTE office at a LSC campus to register.
CVOPC 1101301 1161 M-F 9/29-9/2 7:00 am-5:30 pm TRANS INST 101
Department consent required. Contact the CTE office at a LSC campus to register.
CVOPC 1101301 1162 M-F 9/29-9/2 7:00 am-5:30 pm TRANS INST 101
Department consent required. Contact the CTE office at a LSC campus to register.
CVOPC 1101301 1163 M-F 9/29-9/2 7:00 am-5:30 pm TRANS INST 101
Department consent required. Contact the CTE office at a LSC campus to register.
CVOPC 1101301 1164 M-F 9/29-9/2 7:00 am-5:30 pm TRANS INST 101
Department consent required. Contact the CTE office at a LSC campus to register.
CVOPC 1101301 1165 M-F 9/29-9/2 7:00 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 50 Contact Hours
Funding available check with Continuing Education Office
A continuation of Professional Truck Driver I. General truck driving with hands-on skill development and instruction coordinated with the Department of Transportation. Students will test at the Department of Public Safety and be issued upon successful completion a Commercial Driver License “A”.

Offsite - In District

CVOPC 1104001 1156 M-F 8/28-9/2 7:00 am-5:30 pm TRANS INST 101
Department consent required. Contact the CTE office at a LSC campus to register.
CVOPC 1104001 1157 M-F 8/28-9/2 7:00 am-5:30 pm TRANS INST 101
Department consent required. Contact the CTE office at a LSC campus to register.
CVOPC 1104001 1158 M-F 9/5-9/9 7:00 am-5:30 pm TRANS INST 101
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CVOPC 1104001 1162 M-F 9/5-9/9 7:00 am-5:30 pm TRANS INST 101
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Department consent required. Contact the CTE office at a LSC campus to register.
CVOPC 1104001 1166 M-F 9/5-9/9 7:00 am-5:30 pm TRANS INST 101
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
**Industry Certification & Exam Prep**

**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.

<table>
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<tr>
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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
5423  BMGXC  5000134  6001  M/W  9/12-9/14  8:00 am-5:00 pm
   Instruction Type: Hybrid, Internet.
5423  BMGXC  5000134  6001  9/15-9/16
   Instruction Type: Hybrid, Internet.
5428  BMGXC  5000134  6002  M/W  10/17-10/19  8:00 am-5:00 pm
   Instruction Type: Hybrid, Internet.
5428  BMGXC  5000134  6002  10/20-10/21
   Instruction Type: Hybrid, Internet.
5429  BMGXC  5000134  6003  M/W  12/5-12/7  8:00 am-5:00 pm
   Instruction Type: Hybrid, Internet.
5429  BMGXC  5000134  6003  12/8-12/9
   Instruction Type: Hybrid, Internet.

Welding Inspection Preparation Part I
NDTEC   2201102  48 Contact Hours  $657
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
10645  NDTEC  2201102  C001  W  8/27-10/8  8:00 am-4:00 pm  CC 200
   Department consent required. Contact the CTE office at a LSC campus to register.

Welding Inspection Preparation Part II
NDTEC   2201103  48 Contact Hours  $657
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
10649  NDTEC  2201103  C001  Sa  10/15-11/19  8:00 am-4:00 pm  CC 200
   Department consent required. Contact the CTE office at a LSC campus to register.
   Closed 1/25 to 1/27.

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 [Lovegevity’s Wedding Planning Institute] certification exam. PC or laptop required as tablets do not work with the online system.

LSC-North Harris
1871 BUSGC  2109124  1001  M  9/12-11/28  6:00 pm-9:30 pm  CMED 206
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.

Career & Technical Education

Online Education

LSC-Online

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

Access 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
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
  Marketing, 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](http://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 Noemi Silva at 281.290.5991.

**Career Training Programs in partnership with ed2go**

**Business and Professional**
- Event Management and Design
- Fitness Business Management
- Human Resources Professional
- Microsoft Certified IT Professional: Server Administrator (MCITP)
- Microsoft SharePoint 2010 Certification Training
- Non-Profit Management
- Nutrition for Optimal Health, Wellness, and Sports
- Pay Per Click Marketing
- Personal Training and Group Exercise Training for Older Adults
- Search Engine Marketing
- Search Engine Optimization

**Healthcare and Fitness**
- ICD-10 Medical Coding

**Hospitality and Service Industry**
- Casino Blackjack Dealer
- Casino Poker Dealer

**IT and Software Development**
- Video Game Design and Development
- CompTIA™ Network+ Certification Training
- CompTIA™ Security+ Certification Training
- iPhone/ iPad (iOS) Application Developer

For more info and classes, go to [careertraining.ed2go.com/lonestar](http://careertraining.ed2go.com/lonestar)

See next page for featured courses
ed2go Featured Courses

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

- **Basic Computer Literacy**
  - Computer Skills for the Workplace
  - Linux
  - Keyboarding
  - 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
  - Homeschool with Success
  - 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 Secrets
  - The Craft of Magazine Writing
  - The Keys to Effective Editing
  - Travel Writing
  - Write Fiction Like a Pro
  - Write Your Life Story
  - Writer's Guide to Descriptive Settings
  - Writer's Guides
  - Writer's Workshop
  - Writerific

- **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
  - Get Paid to Travel
  - Introduction to Stock Options
  - Keys to Successful Money Management
  - Personal Finance
  - Real Estate Investing
  - Stocks, Bonds, and Investing: Oh, My!
  - The Analysis and Valuation of Stocks
  - Where Does All My Money Go?

- **Grant Writing and Nonprofit**
  - A to Z Grant Writing
  - Becoming a Grant Writing Consultant
  - Get Grants!
  - Grant Proposal Writing
  - Marketing Your Nonprofit
  - Nonprofit Management
  - Wow, What a Great Event!
  - Writing Effective Grant Proposals

- **Health Science and Wellness**
  - Anatomy & Physiology I & II, Review 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
  - Get Paid to Travel
  - Growing Plants for Fun and Profit
  - Secrets of the Caterer
  - Start and Operate your own Home-Based Business
  - Start Your Own Arts and Craft Business
  - Start Your Own Small Business
  - Starting a Consulting Practice

- **Teaching**
  - Creating the Inclusive Classroom
  - The Creative Classroom
  - Differentiated Instruction in the Classroom
  - Solving Classroom Discipline Problems
  - Survival Kit for New Teachers
  - Teaching ESL/EFL
  - Teaching ESL/EFL Grammar
  - Teaching ESL/EFL Reading
  - Teaching ESL/EFL Vocabulary
  - Understanding Adolescents
English for Speakers of Other Languages

About / Acerca de los Programas

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

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.

🔗 Linked with a credit course. See page 5 for requirements.
English for Speakers of Other Languages

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
14615 ESOLC 3000801 5005 MW 8/29-12/18 5:40 pm-7:35 pm CASA 210
Department consent required. Contact the CTE office at a LSC campus to register.
14810 ESOLC 3000801 5001 TTh 8/29-12/18 8:30 am-10:20 am CASA 210
Department consent required. Contact the CTE office at a LSC campus to register.
14812 ESOLC 3000801 5003 TTh 8/29-12/18 2:30 pm-4:20 pm CASA 210
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Fairbanks Center
15011 ESOLC 3000801 F001 MW 9/12-12/18 12:00 pm-2:10 pm FAIR 217
Department consent required. Contact the CTE office at a LSC campus to register.
15014 ESOLC 3000801 F003 MW 9/12-12/18 5:30 pm-7:40 pm FAIR 215
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Kingwood
4083 ESOLC 3000801 2440 TTh 8/29-12/18 8:30 am-10:20 am
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Montgomery
7122 ESOLC 3000801 4001 MW 8/29-12/18 9:00 am-10:50 am MCG 6222

LSC-North Harris
15299 ESOLC 3000801 1101 MW 8/29-12/18 8:00 am-9:50 am MCAD 128
Department consent required. Contact the CTE office at a LSC campus to register.
15301 ESOLC 3000801 1103 MW 8/29-12/18 10:00 am-11:50 am WNSP 278
Department consent required. Contact the CTE office at a LSC campus to register.
15303 ESOLC 3000801 1301 MW 8/29-12/18 6:00 pm-7:50 pm MCAD 132
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-University Park
10223 ESOLC 3000801 6005 TTh 8/29-12/18 10:00 am-11:50 am UP13 615
10212 ESOLC 3000801 6003 TTh 8/29-12/18 12:00 pm-1:50 pm UP13 615
9595 ESOLC 3000801 6001 TTh 8/29-12/18 6:00 pm-7:50 pm UP13 615

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
14859 ESOLC 3000802 5007 MW 8/29-12/18 5:40 pm-7:35 pm CASA 211
Department consent required. Contact the CTE office at a LSC campus to register.
14842 ESOLC 3000802 5001 TTh 8/29-12/18 8:30 am-10:20 am CASA 211
Department consent required. Contact the CTE office at a LSC campus to register.
14851 ESOLC 3000802 5003 TTh 8/29-12/18 10:30 am-12:20 pm TECH 217
Department consent required. Contact the CTE office at a LSC campus to register.
14855 ESOLC 3000802 5005 TTh 8/29-12/18 2:30 pm-4:20 pm CASA 211
Department consent required. Contact the CTE office at a LSC campus to register.

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-CyFair
14876 ESOLC 3000803 5005 MW 8/29-12/18 5:40 pm-7:35 pm CASA 212
Department consent required. Contact the CTE office at a LSC campus to register.
14872 ESOLC 3000803 5001 TTh 8/29-12/18 8:30 am-10:20 am CASA 212
Department consent required. Contact the CTE office at a LSC campus to register.
14874 ESOLC 3000803 5003 TTh 8/29-12/18 2:30 pm-4:20 pm CASA 212
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Fairbanks Center
15041 ESOLC 3000803 F001 MW 9/12-12/18 12:00 pm-2:10 pm FAIR 217
Department consent required. Contact the CTE office at a LSC campus to register.
15043 ESOLC 3000803 F003 MW 9/12-12/18 5:30 pm-7:40 pm FAIR 217
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Kingwood
4281 ESOLC 3000803 2360 MW 8/29-12/18 1:30 pm-3:20 pm LIB 203
Department consent required. Contact the CTE office at a LSC campus to register.
4280 ESOLC 3000803 2140 TTh 8/29-12/18 8:30 am-10:20 am LIB 201
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Montgomery
7131 ESOLC 3000803 4001 MW 8/29-12/18 9:00 am-10:50 am MCG 6119
7134 ESOLC 3000803 4003 MW 8/29-12/18 9:00 am-10:50 am MCG 6212
7137 ESOLC 3000803 4005 9/12-12/18
Instruction Type: Online.

LSC-North Harris
15293 ESOLC 3000803 1101 MW 8/29-12/18 8:00 am-9:50 am ACM 213
Department consent required. Contact the CTE office at a LSC campus to register.

Search & Register for classes online at LoneStar.edu/CE
**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**

14895 ESOLC 3000804 5005 MW 8/29/12/18 5:40 pm-7:35 pm CASA 313
Department consent required. Contact the CTE office at a LSC campus to register.

14892 ESOLC 3000804 5003 T 8/29/12/18 2:30 pm-4:20 pm CASA 313
Department consent required. Contact the CTE office at a LSC campus to register. Instruction Type: Hybrid, Internet.

14890 ESOLC 3000804 5001 TTh 8/29/12/18 8:30 am-10:20 am CASA 313
Department consent required. Contact the CTE office at a LSC campus to register.

**LSC-Fairbanks Center**

15065 ESOLC 3000804 F001 MW 9/12/12/18 12:00 pm-2:10 pm MAD 214
Department consent required. Contact the CTE office at a LSC campus to register.

**LSC-Kingwood**

4296 ESOLC 3000804 2360 MW 8/29/12/18 1:30 pm-3:20 pm CLB 129
Department consent required. Contact the CTE office at a LSC campus to register.

4297 ESOLC 3000804 2440 TTh 8/29/12/18 8:30 am-10:20 am CLB 129
Department consent required. Contact the CTE office at a LSC campus to register.

**LSC-Montgomery**

7220 ESOLC 3000804 4001 MW 8/29/12/18 9:00 am-10:50 am MCG 6123

7228 ESOLC 3000804 4003 MW 8/29/12/18 9:00 am-10:50 am MCG 6225

**LSC-North Harris**

15317 ESOLC 3000804 1101 MW 8/29/12/18 8:00 am-9:50 am ACAD 215
Department consent required. Contact the CTE office at a LSC campus to register.

15319 ESOLC 3000804 1103 MW 8/29/12/18 10:00 am-11:50 am ACAD 215
Department consent required. Contact the CTE office at a LSC campus to register.

15321 ESOLC 3000804 1301 MW 8/29/12/18 6:00 pm-7:50 pm ACAD 165
Department consent required. Contact the CTE office at a LSC campus to register.

**LSC-University Park**

10281 ESOLC 3000804 6001 TTh 8/29/12/18 8:00 am-9:50 am UP13 613

10289 ESOLC 3000804 6003 TTh 9/12/12/18 2:00 pm-4:10 pm UP13 323

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**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**

14900 ESOLC 3000805 5001 Th 8/29/12/18 12:00 pm-1:50 pm CASA 311
Department consent required. Contact the CTE office at a LSC campus to register.

**LSC-Kingwood**

4301 ESOLC 3000805 2440 Th 8/29/12/18 8:30 am-10:20 am CLB 127
Department consent required. Contact the CTE office at a LSC campus to register.

**LSC-North Harris**

15323 ESOLC 3000805 1101 MW 8/29/12/18 10:00 am-11:50 am DTEC 210
Department consent required. Contact the CTE office at a LSC campus to register.

15325 ESOLC 3000805 1301 MW 8/29/12/18 6:00 pm-7:50 pm ACAD 215
Department consent required. Contact the CTE office at a LSC campus to register.

**LSC-University Park**

10298 ESOLC 3000805 6001 Th 8/29/12/18 12:00 pm-1:50 pm UP13 613

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**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**

14374 ESOLC 3000800 5005 Th 8/29/12/18 6:30 pm-8:20 pm CASA 311
Department consent required. Contact the CTE office at a LSC campus to register.

14365 ESOLC 3000800 5001 F 9/9/12/18 8:55 am-12:55 pm CASA 313
Department consent required. Contact the CTE office at a LSC campus to register.

14378 ESOLC 3000800 5007 Sa 9/9/12/18 8:30 am-12:30 pm HSCI 113
Department consent required. Contact the CTE office at a LSC campus to register.

14372 ESOLC 3000800 5003 MW 9/12/12/18 2:15 pm-4:30 pm CASA 311
Department consent required. Contact the CTE office at a LSC campus to register.

**LSC-Fairbanks Center**

14909 ESOLC 3000800 F003 MAD 207
Department consent required. Contact the CTE office at a LSC campus to register. Instruction Type: Hybrid, Internet.

14905 ESOLC 3000800 F001 MW 9/12/12/18 10:00 am-11:40 am FAIR 207
Department consent required. Contact the CTE office at a LSC campus to register. Instruction Type: Hybrid, Internet.

**LSC-Kingwood**

3313 ESOLC 3000800 2020 F 8/29/12/18 9:00 am-1:00 pm LIB 201
Department consent required. Contact the CTE office at a LSC campus to register. This is a basic integrated skills course for students who place below Level 1.

3314 ESOLC 3000800 2021 F 8/29/12/18 9:00 am-1:00 pm CLB 129
Department consent required. Contact the CTE office at a LSC campus to register. This is a pronunciation course for ESOL students who are placed in Basic through Level 2.

3315 ESOLC 3000800 2022 F 8/29/12/18 9:00 am-1:00 pm CLB 127
Department consent required. Contact the CTE office at a LSC campus to register. This is a pronunciation course for ESOL students who are placed in Level 3 through Level 5.

3316 ESOLC 3000800 2590 MW 9/12/12/18 6:00 pm-8:15 pm CLB 129
Department consent required. Contact the CTE office at a LSC campus to register. This is a basic integrated skills course for students who place below Level 1.
## English for Speakers of Other Languages

### Course Descriptions

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Hours</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
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<td>LIB 203</td>
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</table>

**Placement**

Students 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: ESOL 0381 or placement by testing.

**Integrated Skills Course Level 1.**

**Integrated Skills Course Level 2.**

**Integrated Skills Course Level 3.**

**Integrated Skills Course Level 4.**

### LSC-Montgomery

678 E SOLC 300800 4001 MW 8/29-12/18 12:00 pm-1:50 pm MCG 6123

Pronunciation. This course is designed to improve non-native English speakers’ pronunciation skills by increasing control of the English sound system. Lab hours are included in lecture component.

### LSC-North Harris

13940 E SOLC 300800 1201 TTh 8/29-12/18 10:00 am-11:50 am ACAD 215

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

### LSC-University Park

10312 ESOLC 300800 6001 MW 8/29-12/18 8:00 am-9:50 am UP13 323

10255 ESOLC 300800 6003 F 9/2-12/18 9:00 am-12:45 pm UP13 323

### 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-CyFair**

14722 ESOLC 3008101 5001 MW 8/29-12/18 10:35 am-12:30 pm CASA 211

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

14724 ESOLC 3008101 5003 MW 8/29-12/18 12:40 pm-2:35 pm CASA 210

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

14728 ESOLC 3008101 5005 TTh 8/29-12/18 6:00 pm-7:50 pm CASA 210

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

### LSC-Fairbanks Center

14977 ESOLC 3008101 F001 TTh 9/12/18 12:00 pm-2:10 pm FAIR 214

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

14981 ESOLC 3008101 F003 TTh 9/12/18 7:50 pm-10:00 pm FAIR 217

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

### LSC-Kingwood

3564 ESOLC 3008101 2130 MW 8/29-12/18 11:00 am-12:50 pm LIB 201

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

### LSC-Montgomery

6869 ESOLC 3008101 4001 TTh 8/29-12/18 12:00 pm-1:50 pm

### LSC-North Harris

14094 ESOLC 3008101 1201 TTh 8/29-12/18 8:00 am-9:50 am ACAD 212

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

14096 ESOLC 3008101 1401 TTh 8/29-12/18 8:00 am-9:50 pm ACAD 215

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

### LSC-University Park

10020 ESOLC 3008101 6003 MW 8/29-12/18 10:00 am-11:50 am UP13 323

10016 ESOLC 3008101 6001 MW 8/29-12/18 8:00 pm-9:50 pm UP13 615

10027 ESOLC 3008101 6005 MW 9/12/18 2:00 pm-4:10 pm UP13 613

### 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-CyFair**

14745 ESOLC 3008201 5001 MW 8/29-12/18 10:35 am-12:30 pm CASA 211

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

14754 ESOLC 3008201 5005 MW 8/29-12/18 12:40 pm-2:35 pm CASA 211

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

14749 ESOLC 3008201 5003 MW 8/29-12/18 10:20 am-11:35 am TECH 217

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

14757 ESOLC 3008201 5007 TTh 8/29-12/18 6:00 pm-7:50 pm CASA 211

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

### LSC-Fairbanks Center

14985 ESOLC 3008201 F001 TTh 9/12/18 12:00 pm-2:10 pm FAIR 207

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

14988 ESOLC 3008201 F003 TTh 9/12/18 7:50 pm-10:00 pm FAIR 216

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

### LSC-Kingwood

3583 ESOLC 3008201 2130 MW 8/29-12/18 11:00 am-12:50 pm CIB 129

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

### LSC-Montgomery

6872 ESOLC 3008201 4001 TTh 8/29-12/18 12:00 pm-1:50 pm MCG 6116

6876 ESOLC 3008201 4003 TTh 8/29-12/18 12:00 pm-1:50 pm

### LSC-North Harris

14098 ESOLC 3008201 1201 TTh 8/29-12/18 8:00 am-9:50 am ACAD 128

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

14100 ESOLC 3008201 1201 TTh 8/29-12/18 8:00 pm-9:50 pm ACAD 213

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

### LSC-University Park

10141 ESOLC 3008201 6005 MW 8/29-12/18 10:00 am-11:50 am UP13 613

10134 ESOLC 3008201 6001 MW 8/29-12/18 8:00 pm-9:50 pm UP13 323

10156 ESOLC 3008201 6005 MW 9/12/18 2:00 pm-4:10 pm UP13 615

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Community Education

Course Descriptions

English for Speakers of Other Languages

Search & Register for classes online at LoneStar.edu/CE
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 comprehensiveness 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 is linked to ESOL 0383. Prerequisite: ESOL 0382 or placement by testing.

LSC-CyFair
14785 ESOLC 3008301 5001 MW 8/29-12/18 10:35 am-12:30 pm CASA 212
Department consent required. Contact the CTE office at a LSC campus to register.
14787 ESOLC 3008301 5003 MW 8/29-12/18 12:40 pm-2:35 pm CASA 212
Department consent required. Contact the CTE office at a LSC campus to register.
14789 ESOLC 3008301 5005 Th 8/29-12/18 6:00 pm-7:50 pm CASA 212
Department consent required. Contact the CTE office at a LSC campus to register.
14791 ESOLC 3008301 5007 Su 9/9-12/18 8:30 am-12:30 pm HSC 118
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Fairbanks Center
14994 ESOLC 3008301 F001 Th 9/12-12/18 12:00 pm-2:10 pm FAIR 217
Department consent required. Contact the CTE office at a LSC campus to register.
14999 ESOLC 3008301 F003 Th 9/12-12/18 7:50 pm-10:00 pm FAIR 215
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Kingwood
3601 ESOLC 3008301 2130 MW 8/29-12/18 11:00 am-12:50 pm CLB 127
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Montgomery
7112 ESOLC 3008301 4001 Th 8/29-12/18 12:00 pm-1:50 pm MCG 6119
7114 ESOLC 3008301 4003 Th 8/29-12/18 12:00 pm-1:50 pm MCG 6222

LSC-North Harris
14102 ESOLC 3008301 1201 Th 8/29-12/18 8:00 am-9:50 am ACAD 213
Department consent required. Contact the CTE office at a LSC campus to register.
14104 ESOLC 3008301 1401 Th 8/29-12/18 8:00 am-9:50 am ACAD 167
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-University Park
10180 ESOLC 3008301 6003 MW 8/29-12/18 10:00 am-11:50 am UP13 421
10171 ESOLC 3008301 6001 MW 8/29-12/18 8:00 pm-9:50 pm UP13 613
10187 ESOLC 3008301 6005 MW 9/12-12/18 2:00 pm-4:10 pm UP13 323

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. Prerequisite: ESOL 0383 or placement by testing.

LSC-CyFair
14799 ESOLC 3008401 5001 MW 8/29-12/18 10:35 am-12:30 pm CASA 313
Department consent required. Contact the CTE office at a LSC campus to register.
14802 ESOLC 3008401 5003 MW 8/29-12/18 12:40 pm-2:35 pm CASA 313
Department consent required. Contact the CTE office at a LSC campus to register.
14805 ESOLC 3008401 5005 Th 8/29-12/18 6:00 pm-7:50 pm CASA 313
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Fairbanks Center
15005 ESOLC 3008401 F001 Th 9/12-12/18 12:00 pm-2:10 pm FAIR 216
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 library skills. Focus is on literal comprehension and developing a personally relevant vocabulary base. Students who enroll in this course should have basic literacy skills in their native language and be familiar with Roman script. This course carries institutional credit but will not transfer and may not be used to meet degree requirements. This course is linked to ESOL 0361. Pre-requisite: Placement by testing.

LSC-CyFair
14387 ESOLC 3006101 5001 MW 8/29-12/18 8:30 am-10:25 am CASA 210
Department consent required. Contact the CTE office at a LSC campus to register.
14389 ESOLC 3006101 5003 MW 8/29-12/18 2:45 pm-4:40 pm CASA 210
Department consent required. Contact the CTE office at a LSC campus to register.
14391 ESOLC 3006101 5005 Th 8/29-12/18 8:00 pm-9:50 pm CASA 210
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Fairbanks Center
14911 ESOLC 3006101 F001 Th 9/12-12/18 9:30 am-11:40 am FAIR 217
Department consent required. Contact the CTE office at a LSC campus to register.
14913 ESOLC 3006101 F003 Th 9/12-12/18 5:30 pm-7:40 pm FAIR 217
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Kingwood
3405 ESOLC 3006101 2110 MW 8/29-12/18 9:00 am-10:50 am
Class Topic: LAB 2B10Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Montgomery
6784 ESOLC 3006101 4001 Th 8/29-12/18 9:00 am-10:50 am MCG 6224

LSC-North Harris
13948 ESOLC 3006101 1201 Th 8/29-12/18 10:00 am-11:50 am ACAD 212
Department consent required. Contact the CTE office at a LSC campus to register.
13946 ESOLC 3006101 1401 Th 8/29-12/18 6:00 pm-7:50 pm ACAD 215
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-University Park
9631 ESOLC 3006101 6005 MW 8/29-12/18 8:00 am-9:50 am UP13 611
9607 ESOLC 3006101 6003 MW 8/29-12/18 12:00 pm-1:50 pm UP13 507
9600 ESOLC 3006101 6001 MW 8/29-12/18 6:00 pm-7:50 pm UP13 613
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 reading activities. This course is linked to ESOL 0362. Pre-requisite: placement by exam or ESOL 0361.

LSC-CyFair
14399 ESOLC 3006201 5001 MW 8/29-12/18 8:30 am-10:25 am CASA 211
Department consent required. Contact the CTE office at a LSC campus to register.
14407 ESOLC 3006201 5005 MW 8/29-12/18 2:45 pm-4:40 pm CASA 211
Department consent required. Contact the CTE office at a LSC campus to register.
14403 ESOLC 3006201 5003 MWF 8/29-12/18 11:45 am-1:00 pm TECH 217
Department consent required. Contact the CTE office at a LSC campus to register.
14409 ESOLC 3006201 5007 Th 8/29-12/18 8:00 am-9:50 am CASA 211
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Fairbanks Center
14916 ESOLC 3006201 F001 Th 9/12-12/18 9:30 am-11:40 am FAIR 214
Department consent required. Contact the CTE office at a LSC campus to register.
14918 ESOLC 3006201 F003 Th 9/12-12/18 5:30 pm-7:40 pm FAIR 216
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Kingwood
3419 ESOLC 3006201 2110 MW 8/29-12/18 9:00 am-10:50 am CLB 129
Department consent required. Contact the CTE office at a LSC campus to register.

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
14417 ESOLC 3006301 5001 MW 8/29-12/18 8:30 am-10:25 am CASA 212
Department consent required. Contact the CTE office at a LSC campus to register.
14420 ESOLC 3006301 5003 MW 8/29-12/18 2:45 pm-4:40 pm CASA 212
Department consent required. Contact the CTE office at a LSC campus to register.
14423 ESOLC 3006301 5005 Th 8/29-12/18 8:00 pm-9:50 pm CASA 212
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Fairbanks Center
14936 ESOLC 3006301 F001 Th 9/12-12/18 9:30 am-11:40 am FAIR 216
Department consent required. Contact the CTE office at a LSC campus to register.
14939 ESOLC 3006301 F003 Th 9/12-12/18 5:30 pm-7:40 pm FAIR 215
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Kingwood
3439 ESOLC 3006301 2110 MW 8/29-12/18 9:00 am-10:50 am LIB 203
Department consent required. Contact the CTE office at a LSC campus to register.

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.

LSC-CyFair
14429 ESOLC 3006401 5001 MW 8/29-12/18 8:30 am-10:25 am CASA 313
Department consent required. Contact the CTE office at a LSC campus to register.
14432 ESOLC 3006401 5003 MW 8/29-12/18 2:45 pm-4:40 pm CASA 313
Department consent required. Contact the CTE office at a LSC campus to register.
14437 ESOLC 3006401 5005 Th 8/29-12/18 8:00 pm-9:50 pm CASA 313
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Fairbanks Center
14941 ESOLC 3006401 F001 Th 9/12-12/18 10:00 am-11:30 am FAIR 207
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Kingwood
3441 ESOLC 3006401 2110 MW 8/29-12/18 9:00 am-10:50 am CLB 127
Department consent required. Contact the CTE office at a LSC campus to register.

ESOL Reading I

ESOLC 3006501 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 0361.
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.

LSC-Kingwood
3443 ESOLC 3006501 2110 MW 8/29-12/18 9:00 am-10:50 am LIB 201
Department consent required. Contact the CTE office at a LSC campus to register.

ESOLC 3007701 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.

LSC-Kingwood
3449 ESOLC 3007701 2220 TTh 8/29-12/18 12:00 pm-1:50 pm LIB 201
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Montgomery
6832 ESOLC 3007701 4001 MW 8/29-12/18 12:00 pm-1:50 pm MCG G222

LSC-North Harris
1436 ESOLC 3007701 5007 MW 8/29-12/18 10:30 am-12:20 pm CASA 211
Department consent required. Contact the CTE office at a LSC campus to register.
14521 ESOLC 3007701 5003 TTh 8/29-12/18 10:30 am-12:20 pm CASA 211
Department consent required. Contact the CTE office at a LSC campus to register.
14526 ESOLC 3007701 5003 TTh 8/29-12/18 12:30 pm-2:20 pm TECH 217
Department consent required. Contact the CTE office at a LSC campus to register.
14523 ESOLC 3007701 5005 TTh 8/29-12/18 12:30 pm-2:20 pm CASA 211
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Fairbanks Center
14945 ESOLC 3007701 2220 TTh 8/29-12/18 7:30 pm-9:20 pm MCG G216
Department consent required. Contact the CTE office at a LSC campus to register.
14946 ESOLC 3007701 2210 TTh 8/29-12/18 12:00 pm-2:50 pm MCG G216
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Kingwood
3479 ESOLC 3007701 2220 TTh 8/29-12/18 10:30 am-12:20 pm
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Montgomery
6832 ESOLC 3007701 4001 MW 8/29-12/18 12:00 pm-1:50 pm MCG G222

LSC-North Harris
14053 ESOLC 3007701 1103 MW 8/29-12/18 12:30 pm-2:20 pm ACM 213
Department consent required. Contact the CTE office at a LSC campus to register.
14057 ESOLC 3007701 1301 MW 8/29-12/18 8:00 am-9:50 pm ACM 213
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-University Park
9917 ESOLC 3007701 6003 MW 8/29-12/18 12:00 pm-1:50 pm UP1 361
Department consent required. Contact the CTE office at a LSC campus to register.
9919 ESOLC 3007701 6003 MW 8/29-12/18 12:00 pm-1:50 pm UP1 361
Department consent required. Contact the CTE office at a LSC campus to register.
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 0373. Pre-requisite: ESOL 0372 or placement by testing.

LSC-CyFair
14567 ESOLC 3007301 5005 MW 8/29/12/18 7:45 am-9:40 pm CASA 212
Department consent required. Contact the CTE office at a LSC campus to register.
14556 ESOLC 3007301 5001 TTh 8/29/12/18 10:30 am-12:20 pm CASA 212
Department consent required. Contact the CTE office at a LSC campus to register.
14561 ESOLC 3007301 5003 TTh 8/29/12/18 12:30 pm-2:20 pm CASA 212
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Fairbanks Center
14957 ESOLC 3007301 F001 MW 9/12/12/18 9:30 am-11:40 am FMR 214
Department consent required. Contact the CTE office at a LSC campus to register.
14960 ESOLC 3007301 F003 MW 9/12/12/18 7:50 pm-10:00 pm FMR 214
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Kingwood
3522 ESOLC 3007301 2220 TTh 8/29/12/18 10:30 am-12:20 pm UB 203
Department consent required. Contact the CTE office at a LSC campus to register.
3523 ESOLC 3007301 2240 TTh 8/29/12/18 1:30 pm-3:20 pm UB 203
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Montgomery
6852 ESOLC 3007301 4001 MW 8/29/12/18 12:00 pm-1:50 pm MCG 6116
6853 ESOLC 3007301 4003 MW 8/29/12/18 12:00 pm-1:50 pm MCG 6114
6858 ESOLC 3007301 4301 MW 8/29/12/18 6:00 pm-7:50 pm MCG 6116

LSC-North Harris
14071 ESOLC 3007301 1101 MW 8/29/12/18 10:00 am-11:50 am DTSC 114
Department consent required. Contact the CTE office at a LSC campus to register.
14073 ESOLC 3007301 1103 MW 8/29/12/18 12:30 pm-2:20 pm ACAD 212
Department consent required. Contact the CTE office at a LSC campus to register.
14075 ESOLC 3007301 1301 MW 8/29/12/18 8:00 pm-9:50 pm ACAD 167
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-University Park
9981 ESOLC 3007301 6003 TTh 8/29/12/18 10:00 am-11:50 am UP13 323
9985 ESOLC 3007301 6005 TTh 8/29/12/18 12:00 pm-1:50 pm UP13 323
9977 ESOLC 3007301 6001 TTh 8/29/12/18 8:00 pm-9:50 pm UP13 323

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-CyFair
14691 ESOLC 3007401 5005 MW 8/29/12/18 7:45 pm-9:40 pm CASA 313
Department consent required. Contact the CTE office at a LSC campus to register.
14676 ESOLC 3007401 5001 TTh 8/29/12/18 10:30 am-12:20 pm CASA 313
Department consent required. Contact the CTE office at a LSC campus to register.
14685 ESOLC 3007401 5003 TTh 8/29/12/18 12:30 pm-2:20 pm CASA 313
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Fairbanks Center
14964 ESOLC 3007401 F001 MW 9/12/12/18 9:30 am-11:40 am FMR 215
Department consent required. Contact the CTE office at a LSC campus to register.

ESOL Writing V
ESOLC 3007501 64 Contact Hours $213
Focusses 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
14714 ESOLC 3007501 5005 MW 8/29/12/18 7:15 pm-9:10 pm CASA 311
Department consent required. Contact the CTE office at a LSC campus to register.
14708 ESOLC 3007501 5001 Th 8/29/12/18 10:00 am-11:50 am CASA 311
Department consent required. Contact the CTE office at a LSC campus to register.
14711 ESOLC 3007501 5003 MW 9/12/12/18 9:25 am-11:40 am CASA 311
Department consent required. Contact the CTE office at a LSC campus to register.

ESL New Student Orientation
ORTAC 6920001 4 Contact Hours $0
New student orientation for Basic ESL students. This orientation introduces students to the expectations of this class, their responsibilities, and general rules of participation. Students are assessed for placement and work on their individual academic goals for the semester.

Caney Creek High School
17178 ORTAC 6920001 COOS Th 10/13 5:00 pm-9:00 pm OFFSITE-ID
Caney Creek High School, 16840 Fm 2090, Conroe, TX 77306.

Ford Elementary
13801 ORTAC 6920001 4001 M 9/19 5:00 pm-9:00 pm
Native speaking, reading, and writing job-related tasks. Students and cultural information necessary for written and oral workplace to minimize on the job miscommunication or misperception due 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.

**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**

4798  COMGC 2100073 C001  M-Th  9/12-10/17  9:00 am-12:00 pm

4799  COMGC 2100073 C002  Th  9/20-12/6  6:00 pm-9:00 pm

Hybrid class with computer literacy component. Burlington English Software provided in classroom, no textbook is required, students need to purchase seat for $48 for 6 months. No class week of 11/21-11/25. Instruction Type: Hybrid, Internet.

**LSC-CyFair**

4935  COMGC 2100073  5002  MWF  8/22-9/28  6:00 pm-10:00 pm

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

4934  COMGC 2100073  5001  Th  8/23/12-13  9:00 am-11:00 am

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

**LSC-Kingwood**

5140  COMGC 2100073  5002  M-Th  9/20-12/6  6:00 pm-9:00 pm

Hybrid class with computer literacy component. Burlington English Software provided in classroom, no textbook is required, students need to purchase seat for $48 for 6 months. No class week of 11/21-11/25. Instruction Type: Hybrid, Internet.

**LSC-Montgomery**

5149  COMGC 2100073  5001  Th  9/19-11/10  6:00 pm-8:00 pm

**LSC-North Harris**

2384  COMGC 2100073  1002  MF  9/9-10/19  8:00 am-10:00 am

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

2387  COMGC 2100073  1004  Th  9/6-10/19  6:00 pm-9:00 pm

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

2386  COMGC 2100073  1003  Th  9/6-9/10  6:30 pm-9:00 pm

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

2385  COMGC 2100073  1002  MF  9/10-11/19  8:30 am-10:30 am

Department consent required. Contact the CTE office at a LSC campus to register.
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
6007 COMGC 2100562 0002 MW 9/19-12/5 6:00 pm-9:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.
Hybrid class with computer literacy component. Burlington English Software provided in classroom, no textbook is required, students need to purchase seat for $48 for 6 months. No class week of 11/21-11/25. Instruction Type: Hybrid, Internet.

LSC-CyFair
4943 COMGC 2100562 5001 MWF 11/7-12/16 2:00 pm-6:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Montgomery
4803 COMGC 2100456 4002 TTh 9/20-12/6 9:00 am-12:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.
No class week of 11/21-11/25.

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
4852 COMGC 2100456 0001 M-Th 9/19-10/24 9:00 am-12:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Kingwood
12748 COMGC 2100456 2001 M-Th 9/19-11/10 8:00 am-10:00 am

LSC-Montgomery
4849 COMGC 2100456 4001 MW 9/12-10/17 9:00 am-12:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.
No class week of 11/21-11/25.

LSC-North Harris
2408 COMGC 2100456 1001 MWF 9/6-10/19 10:30 am-12:30 pm
Department consent required. Contact the CTE office at a LSC campus to register.

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
6007 COMGC 2100562 0002 MW 9/19-12/5 6:00 pm-9:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.
Hybrid class with computer literacy component. Burlington English Software provided in classroom, no textbook is required, students need to purchase seat for $48 for 6 months. No class week of 11/21-11/25. Instruction Type: Hybrid, Internet.

LSC-CyFair
4943 COMGC 2100562 5001 MWF 11/7-12/16 2:00 pm-6:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Montgomery
4803 COMGC 2100456 4002 TTh 9/20-12/6 9:00 am-12:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.
No class week of 11/21-11/25.

LSC-Kingwood
12748 COMGC 2100456 2001 M-Th 9/19-11/10 8:00 am-10:00 am

LSC-Montgomery
4849 COMGC 2100456 4001 MW 9/12-10/17 9:00 am-12:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.
No class week of 11/21-11/25.

LSC-North Harris
2408 COMGC 2100456 1001 MWF 9/6-10/19 10:30 am-12:30 pm
Department consent required. Contact the CTE office at a LSC campus to register.

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
6007 COMGC 2100562 0002 MW 9/19-12/5 6:00 pm-9:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.
Hybrid class with computer literacy component. Burlington English Software provided in classroom, no textbook is required, students need to purchase seat for $48 for 6 months. No class week of 11/21-11/25. Instruction Type: Hybrid, Internet.

LSC-CyFair
4943 COMGC 2100562 5001 MWF 11/7-12/16 2:00 pm-6:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Montgomery
4803 COMGC 2100456 4002 TTh 9/20-12/6 9:00 am-12:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.
No class week of 11/21-11/25.

LSC-Kingwood
12748 COMGC 2100456 2001 M-Th 9/19-11/10 8:00 am-10:00 am

LSC-Montgomery
4849 COMGC 2100456 4001 MW 9/12-10/17 9:00 am-12:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.
No class week of 11/21-11/25.

LSC-North Harris
2408 COMGC 2100456 1001 MWF 9/6-10/19 10:30 am-12:30 pm
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-Conroe Center
4809 COMGC 2100308 C001 MTh 9/26-11/3 10:00 am-12:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Fairbanks Center
4920 COMGC 2100308 F002 MW 8/22-10/10 6:00 pm-9:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Kingwood
4919 COMGC 2100308 F001 TTh 8/23-9/29 9:00 am-1:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Montgomery
4097 COMGC 2100308 2001 MTh 9/12-10/20 8:00 pm-10:00 pm

Conversation for Workplace

COMGC 2100366 40 Contact Hours $144

Addresses essential listening, speaking, reading, writing, and computational skills required by business and industry. Improvement of communication skills as well as study skills related to successful job performance. The focus of this course is improvement of speaking skills of students whose primary language is other than English. The objective of this course is helping students to develop the skills needed for participating in conversations related to high-interest work-related and social situations.

LSC-Conroe Center
4857 COMGC 2100366 C001 TTh 9/13-11/17 12:30 pm-2:30 pm
Levels 1/2.

LSC-Montgomery
4855 COMGC 2100366 4002 MW 9/12-11/16 12:30 pm-2:30 pm
Department consent required. Contact the CTE office at a LSC campus to register.
Levels 3/4.

LSC-North Harris
4856 COMGC 2100366 4003 MW 9/12-11/16 12:30 pm-2:30 pm
Department consent required. Contact the CTE office at a LSC campus to register.
Levels 3/4.

LSC-North Harris
4854 COMGC 2100366 4001 TTh 9/13-11/17 12:30 pm-2:30 pm
Levels 1/2.

LSC-North Harris
2402 COMGC 2100366 1001 MTh 9/14-10/18 12:30 pm-2:30 pm
Department consent required. Contact the CTE office at a LSC campus to register.

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-Montgomery
6153 COMGC 2100561 4001 MW 9/12-12/12 12:30 pm-3:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.
No class week of 11/21-11/25. Advanced levels.

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-Montgomery
6018 COMGC 2100671 4001 F 9/9-12/2 9:00 am-11:30 am
No class 11/2. 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-Montgomery
6033 COMGC 2100672 4001 F 9/9-12/9 9:00 am-11:30 am
Department consent required. Contact the CTE office at a LSC campus to register.

7705 COMGC 2100672 4002 F 9/9-12/9 9:00 am-11:30 am
Department consent required. Contact the CTE office at a LSC campus to register.

7709 COMGC 2100672 4003 F 9/9-12/9 12:30 pm-3:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.
No class 11/25. Advanced class for students who have taken Pronunciation I prior to Summer 2016.
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.

Search & Register for classes online at LoneStar.edu/CE
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 composition and reading which include cultural material. Students will write Chinese characters. This course is linked to CHIN 1412. Prerequisite: College Level Readiness in Reading AND Writing; Completion of CHIN 1411.

LSC-Tomball
10334 CHIN 3101102 3001 MW 8/29-12/18 6:30 pm-8:45 pm $279
Department consent required. Contact the CTE office at a LSC campus to register.

French

French I, Conversational
FRENC 3100114 24 Contact Hours $453
Senior Fee: $426.60
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.

LSC-Tomball
2999 FRENC 3100114 3001 TTh 9/20-10/13 6:00 pm-9:00 pm

French II, Conversational
FRENC 3100115 24 Contact Hours $453
Senior Fee: $426.60
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.

LSC-Tomball
3001 FRENC 3100115 3001 TTh 10/18-11/10 6:00 pm-7:20 pm

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 composition and reading which include cultural material. Students will write Chinese characters. This course is linked to CHIN 1411. Prerequisite: ENGL 0305 or ENGL 0316 AND ENGL 0326 or 0325, OR higher level course (ENGL 1301), OR placement by testing.

LSC-Creekside Center
10705 FRENC 3141101 K001 MW 9/12-12/18 9:30 am-12:10 pm
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Montgomery
14930 FRENC 3141101 4301 MW 8/29-12/18 6:00 pm-8:25 pm INCG12
Students with previous French experience take placement test. Classroom instruction in French. Lab hours are included in lecture component. Includes 10-min break.

LSC-North Harris
15675 FRENC 3141101 1201 TTh 8/29-12/18 9:00 am-11:20 am SB 205

Arabic

Arabic I, Conversational
LANGC 3300001 24 Contact Hours $156
Senior Fee: $129.60
Emphasis is on Egyptian Arabic while developing vocabulary and phraseology used for business and other communication needs. Instruction in selected vocabulary, pronunciation and basic structures used by those employed.

LSC-Tomball
8193 LANGC 3300001 3001 T 9/6-10/25 6:00 pm-9:00 pm

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
10308 ARABC 3000001 3001 Sa 9/9-12/18 8:30 am-1:50 pm S 205
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-University Park
16541 ARABC 3000001 6003 Sa 9/9-12/18 9:00 am-12:10 pm UP13 507
This is a hybrid class that requires independent online work and face to face class participation. Internet access is required. This class will meet on Saturdays beginning Sept 10. Instruction Type: Hybrid, Internet.

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-University Park
16731 ARABC 3101101 6001 Sa 9/9-12/18 1:00 pm-4:10 pm UP13 507
This is a hybrid class that requires independent online work and face to face class participation. Internet access is required. This class will meet on Saturdays beginning Sept 10. Instruction Type: Hybrid, Internet.

Chinese

Chinese I, Beginning
CHINC 3101101 80 Contact Hours $272
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. Students will write Chinese characters. This course is linked to CHIN 1411. Prerequisite: ENGL 0305 or ENGL 0316 AND ENGL 0326 or 0325, OR higher level course (ENGL 1301), OR placement by testing.

LSC-Tomball
10324 CHIN 3101101 3001 MW 8/29-12/18 6:30 pm-8:45 pm S 279
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Creekside Center
10705 FRENC 3141101 K001 MW 9/12-12/18 9:30 am-12:10 pm
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Montgomery
14930 FRENC 3141101 4301 MW 8/29-12/18 6:00 pm-8:25 pm INCG12
Students with previous French experience take placement test. Classroom instruction in French. Lab hours are included in lecture component. Includes 10-min break.

LSC-North Harris
15675 FRENC 3141101 1201 TTh 8/29-12/18 9:00 am-11:20 am SB 205
French II, Beginning
FREN 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.

Italian I, Conversational
ITALC 3100193 24 Contact Hours $453
Senior Fee: $426.60
Learn the romance language. Emphasis is on conversation while developing vocabulary and phraseology used for business, travel and pleasure.

Italian II, Conversational
ITALC 3100194 24 Contact Hours $453
Senior Fee: $426.60
A continuation of Italian conversational comprehension and speaking skills with a focus on idiomatic expressions and sentence structure. Prerequisite: Italian I.

German I, Conversational
GERMC 3200001 80 Contact Hours $320
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

Italian I, Beginning
ITALC 3101101 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 ITAL 1411. Prerequisite: College Level Readiness in Reading AND Writing

Italian II, Conversational
ITALC 3101102 24 Contact Hours $453
Senior Fee: $426.60
A continuation of Italian conversational comprehension and speaking skills with a focus on idiomatic expressions and sentence structure. Prerequisite: Italian I.

German II, Conversational
GERMC 3100182 24 Contact Hours $453
Senior Fee: $426.60
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.
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-Tomball
10663 JAPNC 3101101 3001 MW 8/29-12/18 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-Kingwood
13853 JAPNC 3101201 0011 TTh 8/29-12/18 8:30 am-10:50 am LIB 225
Students must have textbook by third day of semester.

LSC-Tomball
10666 JAPNC 3101201 3001 MW 8/29-12/18 12:00 pm-2:15 pm S 205
Department consent required. Contact the CTE office at a LSC campus to register.

Spanish

Spanish I, Conversational
SPANC 3100134 24 Contact Hours $453
Senior Fee: $426.60
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-Kingwood
4121 SPANC 3100134 0001 MW 9/12-12/19 6:00 pm-8:00 pm
LSC-Montgomery
4503 SPANC 3100134 4001 TTh 9/6-10/13 12:30 pm-2:30 pm
Department consent required. Contact the CTE office at an LSC campus to register.
4506 SPANC 3100134 4002 MW 9/7-10/17 6:00 pm-8:00 pm
Department consent required. Contact the CTE office at an LSC campus to register.

LSC-Tomball
8227 SPANC 3100134 3003 TTh 8/30-10/6 9:00 am-11:00 am
8235 SPANC 3100134 3004 TTh 8/30-10/6 6:30 pm-8:30 pm
8207 SPANC 3100134 3001 Th 9/7-10/20 1:00 pm-4:00 pm
8217 SPANC 3100134 3002 Sa 9/3-10/22 8:00 am-11:00 am

Spanish II, Conversational
SPANC 3100135 24 Contact Hours $453
Senior Fee: $426.60
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-Montgomery
4508 SPANC 3100135 4001 TTh 10/26-12/6 12:30 pm-2:30 pm
Department consent required. Contact the CTE office at a LSC campus to register.
No class week of 11/21 - 11/25.
4510 SPANC 3100135 4002 MW 10/24-12/7 6:00 pm-8:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.
No class week of 11/21 - 11/25.

LSC-Tomball
8242 SPANC 3100135 3001 Th 10/11-11/17 9:00 am-11:00 am
8247 SPANC 3100135 3002 Th 10/11-11/17 6:30 pm-8:30 pm

Spanish III, Conversational
SPANC 3100136 24 Contact Hours $453
Senior Fee: $426.60
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
4514 SPANC 3100136 4001 TTh 10/26-12/6 9:00 am-11:00 am
Department consent required. Contact the CTE office at a LSC campus to register.
No class week of 11/21 - 11/25.

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
13860 SPANC 3141101 0001 MW 8/29-12/18 9:00 am-10:50 am LIB 225
Students must have textbook by third day of semester.

LSC-Montgomery
7370 SPANC 3141101 4003 MW 8/29-12/18 10:00 am-12:25 pm LIB 222
Students with previous Spanish experience take placement test. Classroom instruction in Spanish. Lab hours are included in Lecture component.
7391 SPANC 3141101 4301 MW 8/29-12/18 6:00 pm-8:25 pm
Students with previous Spanish experience take placement test. Classroom instruction in Spanish. Lab hours are included in Lecture component. Includes 10 min break.
7366 SPANC 3141101 4001 MW 8/29-12/18 9:00 am-10:30 am
Students with previous Spanish experience take placement test. Classroom instruction in Spanish. Lab hours are included in Lecture component.
7385 SPANC 3141101 4009 Th 8/29-12/18 9:00 am-11:25 am
Students with previous Spanish experience take placement test. Classroom instruction in Spanish. Lab hours are included in Lecture component.
7377 SPANC 3141101 4005 8/29-12/18
Students with previous Spanish experience take placement test. Classroom instruction in Spanish. Lab hours are included in Lecture component. Instruction
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 1411 or SPANC 3101201 or placement exam; ENGL 0305 and ENGL 0307 or higher level course (ENGL 1301) or placement by testing.

**LSC-Montgomery**

7439 SPANC 3231101 4001 8/29/10/23

Instruction Type: Online.

**LSC-University Park**

16571 SPANC 3231101 6001 9/12/12/18

This is an online 14 week late start class meeting 9/12/18-12/18/16. Internet access is required. Access your online course at www.LoneStar.edu/lsc-online. Instruction Type: Online.

Spanish II, Beginning

**SPANC 3141201** 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-Montgomery**

7421 SPANC 3141201 4001 MW 8/29/12/18 11:00 am-12:30 pm MCG 6105

Spanish 1411 or placement test required. Lab hours are included in Lecture Spanish component.

7430 SPANC 3141201 4003 TTh 8/29/12/18 10:00 am-12:25 pm MCG 6105

Spanish 1411 or placement test required. Lab hours are included in Lecture Spanish component.

**LSC-University Park**

16566 SPANC 3141201 6003 T 9/12/18/16 12:30 pm-2:20 pm UP13 507

This is a hybrid class that requires independent online work and face to face class participation. Internet access is required. Instruction Type: Hybrid, Internet.

16564 SPANC 3141201 6001 9/12/18/16

This is an online 14 week late start class meeting 9/12/16-12/18/16. Internet access is required. 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-Montgomery**

7468 SPANC 3231201 4002 MW 10/24/12/18 1:00 pm-3:00 pm

7464 SPANC 3231201 4001 10/24/12/18

Instruction Type: Online.

**LSC-University Park**

16572 SPANC 3231201 6001 9/12/12/18

This is an online 14 week late start class meeting 9/12/16-12/18/16. Internet access is required. Access your online course at www.LoneStar.edu/lsc-online. Instruction Type: Online.
**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.
Adult Education GED® ORT

ABEAC 6900004 6 Contact Hours $0
This orientation introduces students to the expectations of the class, their responsibilities, and general rules of participation. Placement testing is conducted during the orientation in order to place students in the appropriate class; AEL or CE. Registration for the orientation session prior to the scheduled orientation is required.

LSC-Conroe Center
17188 ABEAC 6900004 C002 M 10/3 6:00 pm-9:00 pm
17188 ABEAC 6900004 C002 T 10/4 9:00 am-12:00 pm

LSC-CyFair
14049 ABEAC 6900004 5001 M 9/12 9:00 am-3:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Greenspoint Center
13836 ABEAC 6900004 G001 Th 9/15 9:00 am-3:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.
17016 ABEAC 6900004 G002 T 10/18 9:00 am-3:00 pm
17019 ABEAC 6900004 G003 TW 10/18-10/19 5:00 pm-8:00 pm

LSC-Kingwood
13935 ABEAC 6900004 E001 Th 9/1 9:00 am-3:00 pm EMCD 110
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Montgomery
13824 ABEAC 6900004 4001 TW 9/139/14 6:00 pm-9:00 pm

LSC-North Harris
13931 ABEAC 6900004 1001 TW 8/238/24 6:00 pm-9:00 pm CMED 101
Department consent required. Contact the CTE office at a LSC campus to register.
13833 ABEAC 6900004 1002 Th 8/25 9:00 am-3:00 pm CMED 101
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Tomball
13829 ABEAC 6900004 3001 M 8/29 9:00 am-3:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-University Park
13742 ABEAC 6900004 6001 W 8/31 9:00 am-3:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.
16995 ABEAC 6900004 6002 T 10/25 9:00 am-3:00 pm UPEMI 136
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Victory Center
13835 ABEAC 6900004 V001 W 9/7 9:00 am-3:00 pm VC 102
Department consent required. Contact the CTE office at a LSC campus to register.

Mance Park Middle School
17189 ABEAC 6900004 C003 M 9/26 6:00 pm-9:00 pm
Mance Park Middle School, 1010 8th St, Huntsville, TX 77320.
17189 ABEAC 6900004 C003 T 9/27 9:00 am-12:00 pm
Mance Park Middle School, 1010 8th St, Huntsville, TX 77320.

Oscar Johnson Center
17187 ABEAC 6900004 C001 M 10/10 6:00 pm-9:00 pm
Oscar Johnson Center, 100 Park Place, Conroe, TX 77301.
17187 ABEAC 6900004 C001 T 10/11 9:00 am-12:00 pm
Oscar Johnson Center, 100 Park Place, Conroe, TX 77301.

Citizenship Preparation

DEVSC 3900006 15 Contact Hours $91.50
Senior Fee: $75
This course helps legalized permanent residents meet the objectives for the INS interview for citizenship eligibility. While focusing on the 100 questions produced by the INS for the interview, it helps students acquire basic knowledge of U.S. History and Government in order to become better and more informed citizens of this country.

LSC-Conroe Center
4088 DEVSC 3900006 A001 F 10/7-11/11 1:00 pm-3:00 pm

GED Full Review

DEVSC 3900506 42 Contact Hours $123
Senior Fee: $100.20
Instruction in the content areas of the GED Test: Reasoning through Language Arts, Mathematics, Social Studies, and Science. A person must be 17 years of age to take this class. The GED test must be registered for separately.

LSC-Atascocita Center
4089 DEVSC 3900506 A001 Th 9/13-10/27 3:00 pm-6:00 pm
4095 DEVSC 3900506 A002 Th 10/18-12/8 6:00 pm-9:00 pm

LSC-North Harris
4601 DEVSC 3900506 C001 MW 8/22-10/10 12:30 pm-3:30 pm
Department consent required. Contact the CTE office at a LSC campus to register.
Closed 9/5/2016.
4602 DEVSC 3900506 C002 Th 8/26-10/6 9:00 am-12:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.
4603 DEVSC 3900506 C003 Th 10/18-12/6 9:00 am-12:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.
Closed 11/24/2016.

LSC-CyFair
4752 DEVSC 3900506 5001 MW 8/22-10/10 6:00 pm-9:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.
4753 DEVSC 3900506 5002 Th 8/23-10/6 9:00 am-12:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-EMCID
4085 DEVSC 3900506 F001 MW 9/19-11/2 6:00 pm-9:00 pm

LSC-Fairbanks Center
4754 DEVSC 3900506 F001 F 9/2-12/9 6:00 pm-9:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-North Harris
16827 DEVSC 3900506 1006 MW 8/22-10/10 6:00 pm-9:00 pm
5910 DEVSC 3900506 1001 Th 8/30-10/13 9:00 am-12:00 pm
5923 DEVSC 3900506 1005 Sa 10/1-12/10 9:00 am-1:40 pm
5913 DEVSC 3900506 1002 MW 10/3-11/16 6:00 pm-9:00 pm
5920 DEVSC 3900506 1004 MW 10/26-12/14 9:00 am-12:00 pm
5915 DEVSC 3900506 1003 Th 11/21-12/15 1:00 pm-4:00 pm

LSC-Tomball
2933 DEVSC 3900506 3002 MWF 8/22-9/23 9:00 am-12:00 pm S 208
Department consent required. Contact the CTE office at a LSC campus to register.
Instruction Type: Hybrid, Internet.
2932 DEVSC 3900506 3001 MW 8/31-10/19 6:00 pm-9:00 pm S 208
Department consent required. Contact the CTE office at a LSC campus to register.
Instruction Type: Hybrid, Internet.
2935 DEVSC 3900506 3004 MWF 9/26-10/26 9:00 am-12:00 pm S 208
Department consent required. Contact the CTE office at a LSC campus to register.
Instruction Type: Hybrid, Internet.
2934 DEVSC 3900506 3003 Th 10/4-11/22 6:00 pm-9:00 pm S 208
Department consent required. Contact the CTE office at a LSC campus to register.
GED® Test Preparation & Test

Math Prep
DEVSC 3800002 30 Contact Hours $84
Senior Fee: $69
If you are planning to take a technical workforce course, a college algebra math course, need support for contextualized workforce courses, prepare for the TSIA (college entrance assessment), or the GED® Mathematical Reasoning test, but know that you need some extra help with Math skills; then this hands-on class is for you. Through exercises completed both in and outside of class, participants will strengthen their abilities to work problems covering arithmetic operations, decimals, fractions, percents, geometry, and basic algebra. Participants will receive support in a traditional classroom setting along with supplemental support of software to enhance the learning experience. You must be at least 17 years of age to take this class.

LSC-Conroe Center
4598  DEVSC 3800002 0001 Th 8/23-10/6 1:00 pm-4:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-CyFair
4749  DEVSC 3800002 5001 Sa 9/9-10/12 9:00 am-12:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.
4750  DEVSC 3800002 5002 Th 10/4-11/3 6:00 pm-9:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-Kingwood
4098  DEVSC 3800002 2001 MW 9/12-10/13 6:00 pm-9:00 pm

LSC-North Harris
5950  DEVSC 3800002 1002 MW 10/17-11/16 6:00 pm-9:00 pm

LSC-Tomball
7350  DEVSC 3800002 3001 Th 9/6-10/6 6:00 pm-9:00 pm
7363  DEVSC 3800002 3002 MW 10/9-11/6 6:00 pm-9:00 pm
7369  DEVSC 3800002 3003 Th 11/6-12/7 8:00 pm-9:00 pm

LSC-University Park
5121  DEVSC 3800002 6001 WF 10/19-11/14 1:00 pm-4:00 pm

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 690004

LSC-CyFair
4747  DEVSC 3300009 5001 F 8/26-11/11 6:00 pm-9:30 pm
Department consent required. Contact the CTE office at a LSC campus to register.
4748  DEVSC 3300009 5002 MW 9/9-11/2 9:00 am-12:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.

LSC-North Harris
16825  DEVSC 3300009 1006 MW 8/22-10/10 6:00 pm-9:00 pm
5925  DEVSC 3300009 1001 MW 8/29-10/17 9:00 am-12:00 pm
16825  DEVSC 3300009 1005 Th 9/6-10/20 1:00 pm-4:00 pm
5927  DEVSC 3300009 1002 Th 10/4-11/17 6:00 pm-9:00 pm
5931  DEVSC 3300009 1004 Th 10/25-12/13 9:00 am-12:00 pm
5929  DEVSC 3300009 1003 Th 11/14-12/6 1:00 pm-4:00 pm

GED Revisión en Español
DEVSC 3930001 42 Contact Hours $123
Senior Fee: $100.20
La preparación en las cinco áreas del GED en Español examing: 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
4600  DEVSC 3930001 0001 MTh 8/29-11/30 6:30 pm-9:30 pm
Department consent required. Contact the CTE office at a LSC campus to register.
Closed 9/5/2016.

LSC-North Harris
1861  DEVSC 3930001 1001 MWF 9/7-10/24 6:00 pm-9:00 pm

LSC-Tomball
2938  DEVSC 3930001 3002 Th 8/30-10/19 9:00 am-12:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.
2937  DEVSC 3930001 3001 MW 8/31-10/19 6:00 pm-9:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.
7386  DEVSC 3930001 3004 MW 10/12-12/5 9:00 am-12:00 pm
Department consent required. Contact the CTE office at a LSC campus to register.
7380  DEVSC 3930001 3003 Th 10/20-12/8 6:00 pm-9:00 pm

LSC-University Park
5123  DEVSC 3930001 6001 MW 9/6-10/20 6:00 pm-9:00 pm
5124  DEVSC 3930001 6002 MW 10/25-12/13 6:00 pm-9:00 pm
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. Prerrequisito: ABEAC 6900004

LSC-North Harris
5935 DEVSC 3300010 1001 Th 9/6-10/20 6:00 pm-9:00 pm

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
4091 DEVSC 3900402 A001 MTh 9/19-9/29 6:00 pm-8:00 pm

Skills for Language Arts
DEVSC 3800001 30 Contact Hours $84
Senior Fee: $69
If you are planning to take a technical workforce course, need support for contextualized workforce courses, prepare for the TSIA (college entrance assessment), or the GED® Reasoning Through Language Arts test, but know that you need some extra help with reading and writing skills; then this hands-on class is for you. Through exercises completed both in and outside of class, participants will strengthen their level of reading comprehension, critical thinking abilities, basic writing, editing, and grammar skills. This course will include contextualization of vocabulary and literature related to one or more industry programs or occupations. Participants will receive support in a traditional classroom setting to enhance the learning experience. You must be at least 17 years of age to take this class.

LSC-North Harris
5939 DEVSC 3800001 1002 MW 10/17-11/16 6:00 pm-9:00 pm

Transitions in Language Arts
DEVSC 3940028 48 Contact Hours $138
Senior Fee: $114
Emphasis is on refining reading and writing skills required for college success. Transitions in Language Arts is aligned with Texas CCRS. Topics include critical reading skills, note-taking strategies, writing essays and research papers. In addition, understanding the importance of learning styles and time management in reading and writing will be addressed. This course is delivered in a hybrid format and employs an individualized/modularized approach so students can work on their problem areas as determined by an initial diagnostic test.

LSC-North Harris
5955 DEVSC 3940028 1001 Th 9/13-10/20 1:00 pm-5:00 pm

Transitions Math
DEVSC 3940027 48 Contact Hours $138
Transitions Math is aligned with Texas CCRS. This course teaches critical thinking skills and essentials math strategies needed for placement in college level mathematics. In addition, understanding the importance of learning styles and time management in math will be addressed. Course emphasis will be on fundamental mathematics, introductory and intermediate algebra, and geometry. The Transitions Math course is delivered in a hybrid format and incorporates lab activities to develop students’ problem solving and study skills as determined by an initial diagnostic test.

LSC-North Harris
5956 DEVSC 3940027 1001 Th 10/25-12/6 1:00 pm-5:00 pm
<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>AGRICULTURE, FOOD &amp; NATURAL RESOURCES</td>
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<tr>
<td>Veterinary Technology</td>
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<tr>
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<td>ARCHITECTURE &amp; CONSTRUCTION</td>
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<tr>
<td>Electrical Technology</td>
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<tr>
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<td>*AutoCAD Draftsman Certificate</td>
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<td>Heating, Ventilation, Air Conditioning (HVAC) &amp; Refrigeration</td>
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<td>HVAC NCCE Certificate</td>
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<td>ARTS, AUDIO/VISUAL TECHNOLOGY &amp; COMMUNICATION</td>
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<td>Game Design &amp; Simulation</td>
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<td>Game Design &amp; Simulation Designer (Artist) Specialization, AAS</td>
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<td>BUSINESS MANAGEMENT &amp; ADMINISTRATION</td>
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<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>*Lean Six Sigma Black Belt Certificate</td>
<td>Data is not available due to program training towards an industry certification and not a specified job title.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>*Lean Six Sigma Green Belt Certificate</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>*Management Certificate</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>
<td></td>
<td></td>
</tr>
<tr>
<td>*Project Management Certification</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Construction Supervision</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Construction Supervision, AAS</td>
<td>$59,030</td>
<td>28.0%</td>
<td>820</td>
</tr>
<tr>
<td>Construction Supervision Certificate Level II</td>
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<td></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>Logistics Management</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Logistics Management, AAS</td>
<td></td>
<td></td>
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<tr>
<td>First Line Logistics Leader Certificate Level I</td>
<td>$86,241</td>
<td>22.9%</td>
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</tr>
<tr>
<td>*Certified Logistics Associate Certificate</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>*Certified Logistics Technician Certificate</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>EDUCATION &amp; TRAINING</td>
<td></td>
<td></td>
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<tr>
<td>Education</td>
<td></td>
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<tr>
<td>Associate of Arts In Teaching</td>
<td>No wage data available</td>
<td>22.4%</td>
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<tr>
<td>*Substitute Teacher</td>
<td>Data is not available for teaching in general, but instead it is available by grade level or subject.</td>
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</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>
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<tr>
<td>ENERGY &amp; MANUFACTURING</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Energy &amp; Manufacturing Technology</td>
<td></td>
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<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>
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</tr>
<tr>
<td>Industrial Diesel Technology AAS</td>
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<td></td>
<td></td>
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<tr>
<td>Industrial Diesel Technology Certificate Level II</td>
<td>$42,166</td>
<td>23.6%</td>
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<tr>
<td>Industrial Diesel Technology Certificate Level I</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>
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</tr>
</tbody>
</table>

"Fast-track non-credit program."

<table>
<thead>
<tr>
<th>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 Level I</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Process Technology AAS Degree (Effective FA/16 Pending THECB Approval)</td>
<td>$67,676</td>
<td>14.5%</td>
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<tr>
<td>Process Technology Certificate Level I (Effective FA/16 Pending THECB Approval)</td>
<td>$56,371</td>
<td>14.2%</td>
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<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**

<table>
<thead>
<tr>
<th>Certificate Programs</th>
<th>Median Wage</th>
<th>Job Growth Rate</th>
<th>Job Openings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Architectural Engineering, AAS</td>
<td>$41,549</td>
<td>7.9%</td>
<td>70</td>
</tr>
<tr>
<td>Mechanical Engineering, AAS</td>
<td>$54,760</td>
<td>26.5%</td>
<td>80</td>
</tr>
<tr>
<td>Computer-Aided Design Operator/Drafting Certificate Level I: Architectural, Civil/Structural</td>
<td>$48,348</td>
<td>6.7%</td>
<td>90</td>
</tr>
<tr>
<td>Computer-Aided Design Operator/Drafting Certificate Level I: Mechanical, Manufacturing, Product Design</td>
<td>$57,692</td>
<td>15.3%</td>
<td>55</td>
</tr>
<tr>
<td>AutoCAD Draftsman Certificate</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SolidWorks Designer Certificate</td>
<td>$48,348</td>
<td>6.7%</td>
<td>90</td>
</tr>
</tbody>
</table>

**Machining Technology**

<table>
<thead>
<tr>
<th>Certificate Programs</th>
<th>Median Wage</th>
<th>Job Growth Rate</th>
<th>Job Openings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Machining Technology, AAS</td>
<td>$39,492</td>
<td>37.7%</td>
<td>780</td>
</tr>
<tr>
<td>Computer Numeric Control/Programmer II Certificate Level II</td>
<td>$36,060</td>
<td>49.7%</td>
<td>290</td>
</tr>
<tr>
<td>Computer Numeric Control/Programmer I Certificate Level I</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Machinist Certificate Level I</td>
<td>$39,492</td>
<td>37.7%</td>
<td>780</td>
</tr>
<tr>
<td>Machinist Certificate</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Machine Tool (CNC) Operator Certificate</td>
<td>$36,060</td>
<td>49.7%</td>
<td>290</td>
</tr>
<tr>
<td>Machining Master Certificate</td>
<td>$39,492</td>
<td>37.7%</td>
<td>780</td>
</tr>
</tbody>
</table>

**Welding & Inspection**

<table>
<thead>
<tr>
<th>Certificate Programs</th>
<th>Median Wage</th>
<th>Job Growth Rate</th>
<th>Job Openings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inspection Technology Specialization AAS</td>
<td>$34,816</td>
<td>27.6%</td>
<td>680</td>
</tr>
<tr>
<td>Inspection Certificate Level I</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Welding Technology Specialization AAS</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gas Metal Arc Welding Certificate Level I</td>
<td>$37,328</td>
<td>26.3%</td>
<td>870</td>
</tr>
<tr>
<td>Gas Tungsten Arc Welding Certificate Level I</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Layout and Fabrication Welding Certificate Level I</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pipe Fitting Certificate Level I</td>
<td>$43,970</td>
<td>24.4%</td>
<td>385</td>
</tr>
<tr>
<td>Pipe Welding Certificate Level I</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shielded Metal Arc Welding Certificate Level I</td>
<td>$37,328</td>
<td>26.3%</td>
<td>870</td>
</tr>
<tr>
<td>Pipefitter NCCER Certificate</td>
<td>$37,988</td>
<td>26.3%</td>
<td>155</td>
</tr>
<tr>
<td>Pipefitter NCCER Certificate</td>
<td>$43,970</td>
<td>24.4%</td>
<td>385</td>
</tr>
<tr>
<td>Pipe Welder Certificate</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AWS Welder Master Certificate</td>
<td>$37,328</td>
<td>26.3%</td>
<td>870</td>
</tr>
<tr>
<td>Welder (GMAW &amp; GMAW) Certificate</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Welding NCCER Certificate</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**FINANCE**

<table>
<thead>
<tr>
<th>Certificate Programs</th>
<th>Median Wage</th>
<th>Job Growth Rate</th>
<th>Job Openings</th>
</tr>
</thead>
<tbody>
<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>$66,326</td>
<td>24.1%</td>
<td>1,640</td>
</tr>
<tr>
<td>Accounting Assistant/Bookkeeper 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>
</tr>
<tr>
<td>Payroll Professional Certificate</td>
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<td></td>
</tr>
</tbody>
</table>

**GOVERNMENT & PUBLIC ADMINISTRATION**

No programs offered. Individual classes are available.

**HEALTH SCIENCE**

<table>
<thead>
<tr>
<th>Certificate Programs</th>
<th>Median Wage</th>
<th>Job Growth Rate</th>
<th>Job Openings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dental Hygiene, AAS</td>
<td>$72,066</td>
<td>31.8%</td>
<td>170</td>
</tr>
<tr>
<td>Dental Assistant Certificate</td>
<td></td>
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</tbody>
</table>

**HUMAN SERVICES**

<table>
<thead>
<tr>
<th>Certificate Programs</th>
<th>Median Wage</th>
<th>Job Growth Rate</th>
<th>Job Openings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cosmetology, AAS</td>
<td>$21,854</td>
<td>22.0%</td>
<td>415</td>
</tr>
<tr>
<td>Cosmetology Operator Certificate Level I</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cosmetology Facial, AAS</td>
<td>$26,056</td>
<td>39.7%</td>
<td>65</td>
</tr>
<tr>
<td>Facial Specialist Certificate</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cosmetology Instructor, AAS</td>
<td>$44,167</td>
<td>19.4%</td>
<td>110</td>
</tr>
<tr>
<td>Cosmetology Instructor Certificate Level I</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* 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><strong>Human Services</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<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>
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</tr>
<tr>
<td><strong>Interpreter Training Technology</strong></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Interpreter Training Technology, AAS</td>
<td>$42,094</td>
<td>48.0%</td>
<td>75</td>
</tr>
<tr>
<td>ASL Communications Skills Certificate Level I</td>
<td></td>
<td></td>
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</tr>
<tr>
<td><strong>INFORMATION TECHNOLOGY</strong></td>
<td></td>
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</tr>
<tr>
<td>Computer Applications</td>
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</tr>
<tr>
<td>Microsoft Office Specialist Certificate Level I</td>
<td>$46,449</td>
<td>28.6%</td>
<td>550</td>
</tr>
<tr>
<td><strong>Computer Programming</strong></td>
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</tr>
<tr>
<td>Computer Programming, AAS</td>
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<tr>
<td>Computer Programming Specialist Certificate Level I</td>
<td>$75,539</td>
<td>13.7%</td>
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<tr>
<td>Computer Programmer Certificate Level I</td>
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<tr>
<td>C++ Programming Enhanced Skills Certificate</td>
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<tr>
<td>Visual Basic Enhanced Skills Certificate</td>
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<tr>
<td><strong>Geographic Information Systems</strong></td>
<td></td>
<td></td>
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<tr>
<td>Geographic Information Systems, AAS</td>
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<td></td>
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</tr>
<tr>
<td>Geographic Information Systems Analyst Certificate Level II</td>
<td>$55,220</td>
<td>35.5%</td>
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<tr>
<td>Geographic Information Systems Technician Certificate Level I</td>
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</tr>
<tr>
<td>Geographic Information Systems Marketable Skills Award</td>
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<td></td>
<td></td>
</tr>
<tr>
<td><strong>Industrial Electronics</strong></td>
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<td></td>
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</tr>
<tr>
<td>Industrial Electronics Technology AAS Degree</td>
<td>$52,605</td>
<td>29.7%</td>
<td>100</td>
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<tr>
<td><strong>Integrated Technologies</strong></td>
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<tr>
<td>Converged Technology Advanced Technical Certificate</td>
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</tr>
<tr>
<td>Network &amp; Computer System Administrator AAS Degree</td>
<td>$78,436</td>
<td>23.3%</td>
<td>325</td>
</tr>
<tr>
<td>Network &amp; Computer System Administrator Certificate Level II</td>
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</tr>
<tr>
<td>Network &amp; Computer System Administrator Basic Certificate Level I</td>
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<td></td>
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</tr>
<tr>
<td><strong>Networking: Cisco &amp; Microsoft</strong></td>
<td></td>
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</tr>
<tr>
<td>Computer Networking Cisco, AAS</td>
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<td></td>
</tr>
<tr>
<td>Cisco Networking Administrator Certificate Level II</td>
<td>$78,436</td>
<td>23.3%</td>
<td>325</td>
</tr>
<tr>
<td>Cisco Networking Analyst Certificate Level I</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Computer Networking Microsoft, AAS</td>
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<tr>
<td>Network and System Support Certificate Level I</td>
<td>$65,795</td>
<td>15.0%</td>
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<tr>
<td>*(GCSCC) Network Administrator Certificate</td>
<td>$78,436</td>
<td>23.3%</td>
<td>325</td>
</tr>
<tr>
<td><strong>Web</strong></td>
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</tr>
<tr>
<td>Visual Communication, AAS: Web Design Track</td>
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</tr>
<tr>
<td>Web Design Certificate Level II</td>
<td>$62,446</td>
<td>25.2%</td>
<td>105</td>
</tr>
<tr>
<td>*Web Designer Certificate</td>
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</tr>
<tr>
<td>*Web Developer Certificate</td>
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<tr>
<td><strong>LAW, PUBLIC SAFETY, CORRECTIONS &amp; SECURITY</strong></td>
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</tr>
<tr>
<td>Emergency Medical Services Professionals</td>
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<td></td>
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</tr>
<tr>
<td>Emergency Medical Services Professions, AAS</td>
<td></td>
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<tr>
<td>Emergency Medical Services Professions Paramedic Certificate Level I</td>
<td>$33,166</td>
<td>28.7%</td>
<td>195</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>
<tr>
<td><strong>Fire Science Technology</strong></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Fire Science Technology, AAS</td>
<td>$43,829</td>
<td>77.7%</td>
<td>180</td>
</tr>
<tr>
<td>Basic Structural Firefighter Certificate Level I</td>
<td></td>
<td></td>
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</tr>
<tr>
<td><strong>Law Enforcement</strong></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>$53,094</td>
<td>5.7%</td>
<td>510</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>
<tr>
<td><strong>Paralegal Studies</strong></td>
<td></td>
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</tr>
<tr>
<td>Paralegal Studies, AAS</td>
<td>$47,812</td>
<td>30.8%</td>
<td>260</td>
</tr>
<tr>
<td>Paralegal Studies Advanced Technical Certificate</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Fast-track non-credit program.
### Do you plan to transfer to a 4-year institution?

**Academic Transfer Degrees and Certificates**

<table>
<thead>
<tr>
<th>Program</th>
<th>CF</th>
<th>K</th>
<th>M</th>
<th>NH</th>
<th>T</th>
<th>UP</th>
<th>OL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Associate of Arts (AA) Degree</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
</tr>
<tr>
<td>Business AA Degree</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
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### Do you plan to directly enter the workforce?

**Associate of Applied Science (AAS) Degrees and Workforce Certificates**

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

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#### Arts, Audio/Visual Technology & Communication Cluster

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#### Business Management & Administration Cluster

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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 Programs of Study degree plans are available at LoneStar.edu/programs-classes. Credit Programs of Study are designed for students that want to gain the workforce and also provide transfer credits to four-year universities for 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.
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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 Programs of Study degree plans are available at Lonestar.edu/programs-clusters. Credit Programs of Study are designed for students that want to join the workforce and also provide transfer credits to four-year universities for students planning to continue their education to obtain a bachelor’s degree. Noncredit programs of Study are designed for students that want to obtain career training for immediate employment and generally do not include transferable college credits.
# Programs of Study

### Credit and Non-Credit (As of 5.20.16)

## Finance Cluster

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## Government & Public Administration Cluster

No programs offered. Individual classes available.

## Health Science Cluster

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## Emergency Medical Services Professionals

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## Medical Radiologic Technology

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## Medication Aide

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## Nursing

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## Personal Trainer

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## Phlebotomy

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## Respiratory Care

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## Surgical Technology

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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-clusters. Credit Programs of Study are designed for students who want to join the workforce and also provide transfer credits to four-year universities for students planning to continue their education to obtain a bachelor’s degree. Non-credit programs of study are designed for students who want to obtain career training for immediate employment and generally do not include transferable college credits.**

**CF:** LSC-CyFair | **K:** LSC-Kingwood | **MC:** 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 5.20.16)*

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<td><strong>Emergency Medical Services Professions AAS Degree</strong></td>
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<td><strong>TCCLE Law Enforcement Officer Certificate</strong></td>
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<td><strong>Business Administration AAS Degree: Marketing Specialization</strong></td>
<td>★</td>
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<td><strong>Business Administration Certificate Level II: Marketing Specialization</strong></td>
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<td><strong>Business Operations Certificate Level I</strong></td>
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<td><strong>Science, Technology, Engineering &amp; Mathematics Cluster</strong></td>
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<tr>
<td><strong>Biotechnology AAS Degree</strong></td>
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<td><strong>Biotechnology Laboratory Technician Advanced Technical Certificate</strong></td>
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<td><strong>Industrial Electronics AAS Degree</strong></td>
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<td><strong>Mechanical Design Technology AAS Degree</strong></td>
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<td><strong>Computer-Driven Design Operator/Design Certificate Level I</strong></td>
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<td><strong>Computer-Driven Design Operator/Design Certificate Level II</strong></td>
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<td><strong>Computer-Aided Design Operator/Drafting Certificate Level I: Architectural, Civil/Structural</strong></td>
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<td><strong>Computer-Aided Design Operator/Drafting Certificate Level II: Mechanical, Manufacturing, Product Design</strong></td>
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<td><strong>Automotive Technology</strong></td>
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<tr>
<td><strong>Automotive Technology AAS Degree</strong></td>
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<td><strong>Chassis &amp; Electrical Technician Certificate Level I</strong></td>
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<td><strong>Power Train &amp; Drivability Technician Certificate Level I</strong></td>
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<td><strong>General Service Technician Certificate Level I</strong></td>
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<td><strong>Automotive Technician Certificate</strong></td>
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<td><strong>Department of Transportation CDL, Professional Truck Driving</strong></td>
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<td><strong>Logistics Management AAS Degree</strong></td>
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<td><strong>First Line Logistics Leader Certificate Level I</strong></td>
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<td><strong>MSCC Certified Logistics Associate Certificate</strong></td>
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<td><strong>A+ Certification</strong></td>
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<td><strong>Electronics - Journeyman Exam Review Certificate</strong></td>
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<td><strong>Electronics - Master Exam Review Certificate</strong></td>
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<td><strong>MSSC Certified Logistics Associate</strong></td>
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<td><strong>MSSC Certified Logistics Technician</strong></td>
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<td><strong>National Career Readiness (NCR) Certification</strong></td>
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<td><strong>Texas Society of CPAs Certification</strong></td>
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<td><strong>WorkKeys Certification</strong></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—classes. Credit Programs of Study are designed for students that want to join the workforce and also provide transfer credits to four-year universities for 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.
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 August 2003 as the fifth Lone Star College. LSC-CyFair now has three 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, and; 3) The LSC-Cypress Center, which opened in fall 2013, at Clay and Fry Roads, serves residents in the southwest area of Cypress-Fairbanks.

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.
- 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.
- 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.
- LSC-Kingwood has its own television production studio and cable TV station (Channel 42 on Suddenlink).
- In January 2017, LSC-Kingwood will open its new Process Technology Center. Located off Beltway 8 in Atascocita, the facility will house 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.
About LSC-Montgomery

In August 1995, Lone Star College-Montgomery opened its doors as the fourth Lone Star College with a dedication ceremony led by then Texas Gov. George W. Bush. 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. In 2011, LSC-Montgomery opened three new buildings on the main campus to better serve its students, as well as a northside center in the Conroe/Willis area – the LSC-Conroe Center.

Highlights

- LSC-Montgomery 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.
- Be a part of unique programs like Live Entertainment Technology (LET) the only one of its kind in Texas. Students can learn lighting, audio and video technology in a new state-of-the-art facility to open in 2017.
- LSC-Conroe Center brings convenient, transferable college credit classes and seven career-oriented workforce programs to northern Montgomery County residents. New automotive technology and welding labs will prepare students to diagnose the latest mechanical, electrical and electronic systems of cars and trucks. With Lone Star Corporate College, LSC-Conroe Center is also a hub for ongoing workforce support programs for companies that serve our local community.
- Start your education with us and get an advanced degree close to home! LSC-Montgomery students can earn master’s and doctoral degrees in face-to-face classes taught by instructors from university partners at LSC-University Center at The Woodlands just steps away from campus.
- The Student Tutoring And Research (STAR) Center offers citation assistance, research help and free tutoring even on weekends.
- The Write Place can help you with assignments by providing tips and techniques for brainstorming, finding a thesis, organizing, adding support, and other writing-related issues.
- Be a part of the Honors College! LSC-Montgomery is one of the few community colleges in the nation to offer an honors associate degree. Honors students get access to a dedicated honors college student center, exclusive field trips, special events and guest speakers. Chancellor’s Honors College Fellows have even traveled to Italy to do work related to their second-year capstone.
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. Industry-specific classes are also offered through the college’s two specially-designed 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 110 degree and certificate programs designed for both university transfer and career building.
• A comprehensive library for students and the community.
• On-campus child care facility operated by the Aldine-Greenspoint YMCA includes a pre-school program for children 3 and 4 years of age, afterschool program for children 5 to 12 years of age, and Child Watch – a drop-in care for children 18 months to 5 years of age available only to currently enrolled LSC-North Harris students.
• 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 medical programs.
• The CHI Lone Star College-North Harris School of Cosmetology is a unique partnership that brings the world-renowned methods and products of Farouk Systems, Inc. to the high-demand cosmetology program at LSC-North Harris and offers students 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 new 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, “late start” and “finish early” courses, and weekend and evening courses allow students who are balancing demands of family, school and work to find classes that best suit their lifestyle.
- 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 and much more to help students achieve their goals.
• Specialized services available for veterans, international students, and ADA accommodations.
• University partners offer bachelor’s and master’s level classes and degrees on-site at the same facility. Current LSC-University Center at University Park partners include: University of Houston and University of Houston-Downtown.
• 2+2 programs offer seamless credit transfer – two years at Lone Star College with two years at a four-year university on site.
• Free tutoring services, free math and science homework help at The Homework Hotspot & The Science Hotspot.
As the first of the two university centers 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 seven 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, University of Houston Bauer College of Business 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, the four partner universities offer graduate programs for master’s and doctoral degrees on-site.
• Classes offered are identical to those offered on the university home campuses. Each university’s faculty teach courses on site at the University Center.
• Students have access to the University Center’s wireless network and a virtual library connecting them to their home university library.
• Visit LoneStar.edu/UC-TheWoodlands for detailed descriptions of programs.

The University Centers at Lone Star College

Higher Education Close to Home

The Lone Star College-University Centers offer junior, senior and graduate 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 or master’s 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.
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.

Highlights
- Lone Star College advisors and partner university advisors are available in one location to assist students planning to transfer into a variety of undergraduate, graduate and doctorate degree programs, along with professional certification programs.
- Students are able to complete freshman and sophomore level requirements from any Lone Star College before transferring to one of the partner universities on site.
- The campus consists of five major office buildings and facilities totaling more than 1.2 million square feet with supporting facilities and parking.
- Complete student support services for Lone Star College and each university are also available, including assistance with applications, admission, degree planning, class transfer and transcript analysis.
- Lone Star College advisors and university partner advisors are on site weekdays and are available by appointment or walk-in.
- Programs offered are of the same quality as those on the university home campuses and are taught by partner faculty members.
- Students have access to a variety of multi-media equipment, computer labs and an electronic library connecting them to their home universities and other library services, inter-library loans, and research opportunities.
- Visit LoneStar.edu/UC-UniversityPark for detailed descriptions of each program offered.
Index

A
Access II 55
Accounting II, Principles 22
Accounting, Office II 22, 41
Anatomy and Physiology II, Review 46
Anatomy and Physiology I, Review 46
Arabic I, Beginning 87
Arabic I, Conversational 87
Arabic II, Beginning 87
AutoCAD, Advanced 16, 33, 55
AutoCAD, Intermediate 16, 33, 55
AutoCAD, Introduction 16, 55
Automotive Brake Systems 66
Automotive Electrical Systems 66
Automotive Engine Repair 66
Automotive Technology, Introduction 66

B
Basic Design Techniques 52
Basic Machine Shop I 35
Basic Peace Officer II 64
Basic Peace Officer III 64
Basic Peace Officer IV 64
Basic Pipefitting Skills NCCER 16
Basic Principles of Oil & Gas for Industry 36
Biotenology I 46
Blueprint Reading for Welders 37
Blueprint Reading & Sketching 35
Business Law 22
Business Principles 22

C
Cardiovascular Technology Technician, Clinical 44
Care and Handling of Cut Flowers and Foliage 53
CCNA Collaboration II 56
CCNA Data Center I 56
CCNA Security 56
CCNP Routing-Implementing IP Routing 56
CCNP Switch-Implementing IP Switching 56
Child Development Associate 31
Chinese I, Beginning 87
Chinese II, Beginning 87
Citizenship Preparation 92
Clinical - Registered Nursing/Nurse 46
CNC Machine Controls, Fundamentals 36
Commercial Drivers License Exam Preparation 67
Commercial Drivers License Written Skills 67
Commercial Wiring 33
Communication for Workplace, Basic 85
Communication for Workplace I 83
Communication for Workplace II 83
Communication for Workplace III 84
Communication for Workplace IV 84
Communication Skills for Managers 22
Components of Special Education 29
Computer Systems, Introduction 56
Connecting Networks 56
Construction Methods & Materials II NCCER 17
Construction Methods & Materials I NCCER 16
Conversation for Workplace 85
CPR for Healthcare Provider 47
Creating Successful Classrooms 29
Current Design Styles and Techniques 53

D
Daily Business Procedures 53
DC-AC Circuits 33
Dental Assisting I 44
Dental Assisting II 44
Dental Assisting III (Clinical) 44
Dental Assisting Review & Exam 44
Design Communications I 20, 57

E
Digital Imaging I 20, 57
Drilling/Rig Floor Core Skills 36

F
Floral Design Program Orientation 52
Forklift Certification 17
French I, Beginning 87
French I, Conversational 87
French II, Beginning 88
French II, Conversational 87
Fundamentals of Oxy-Fuel Welding/Cutting NCCER 37
Funeral Design Techniques 53

G
Gaming Design and Development, Introduction 58
Gas Metal Arc Welding (GMAW) 38
Gas Tungsten Arc Welding (GTAW) 38
GED Full Review 92
Generalist Teacher Preparation 29
German I, Beginning 88
German I, Conversational 88
German II, Conversational 88
Grammar and Writing for the Workplace I 85

H
Health Occupations Orientation 47
Health Occupations Professionalism 48
Health Occupations Professionalism WP 13, 43
HTML I, Web Site Development 20, 58
Hydraulics and Pneumatics 34

I
IADC RigPass® for Industry 34
IADC RigPass® Petroleum Safety and Environmental Hazards 37
Index

Continuing Education

IADC WellSharp® 37
Industrial Maintenance, Introduction 37
Information and Project Management 23
Installing and Configuring Windows Server 2012 58
Integrating Technology 29
Interm (SMAW) NCCER 38
Introduction (SMAW) NCCER 38
Introduction to Networks 58
Italian I, Beginning 88
Italian II, Conversational 88
Italian III, Conversational 88
IT Essentials 58

J
Japanese I, Beginning 89
Japanese II, Beginning 89

K
Lead Effective Meetings 23
Lean Six Sigma Black Belt Certification 24
Lean Six Sigma Green Belt Certification 24
Legal Issues for Supervisors 24
Lighting for Film or Video 58
Linux Installation and Configuration 58

M
Machine Shop Mathematics 36
Management, Principles 24
Math for Welders 38
Math Prep 93
Mechanical Skills, Basic 34, 37
Medical Terminology I 47
Medication Aide 48
Medication Aide Refresher 49

N
National Electrical Code I 35
National Electrical Code II 35
Networking Technologies, Fundamentals 59
Nitrous Oxide Sedation Monitoring 44
Nurse Aide, Certified 49
Nurse Aide, Certified (Clinical) 49
Nurse Aide State Exam Facilitator Fee 48

O
Oil and Gas, Introduction 37
Operation of CNC Machining Centers 36
Operation of CNC Turning Centers 36
Outlook 59

P
Payroll Accounting I 24, 41
Payroll Accounting II 24, 41
PayTrain Fundamentals 24, 41
PayTrain Mastery 25, 41
Pedagogy and Professional Responsibilities (PPR) 29
Personal Finance 25
Personal Training 50
Phlebotomy 50
Phlebotomy, Clinical 51
Phlebotomy Clinical for Patient Care Technician 50
Photoshop I 59
Photoshop I for Web 20, 59
Photoshop II 59
Photoshop II for Web 20, 59
Pipe Welding 39
Pit and Fissure Sealants for the Dental Assistant 44
PMI Certification Exam Preparation 25
PowerPoint I 59
PowerPoint II 60
Pre-GED 93
Pre-GED in Spanish 94
Principles of Financial Accounting 25
Principles of Floral Design 53
Print Reading For Machining Trades 36
Professionalism in Workplace 25
Professional Truck Driver I 67
Professional Truck Driver II 67
Project Scheduling using MS Project 17
Pronunciation for the Workplace I 85
Pronunciation for the Workplace II 85

Q
QuickBooks I 25, 42
QuickBooks II 26, 42

R
Re-Entry Nursing Update 47
Refrigeration Principles 17
Refrigeration Principles NCCER 17
Residential Wiring 35
Routing and Switching Essentials 60

S
SAT Preparation 94
Scaling Networks 60
SEO: Analytics and Tracking 60
Shielded Metal Arc Welding (SMAW) 39
Skills for Language Arts 94
Solar Photovoltaic Systems Design 35
SolidWorks I 18, 35, 60, 61
SolidWorks II 18, 35, 61
Spanish I, Beginning 89
Spanish I, Conversational 89
Spanish II, Beginning 90
Spanish II, Conversational 89
Spanish III, Conversational 89
Spanish II, Intermediate 90
Spanish I, Intermediate 90
Substitute Teacher Training 30
Supervision, Introduction 26
Suspension and Steering 67

T
TCP Internship Extension 30
TCP Internship I 30
TCP Internship II 30
Team Building in the Workplace 27
TExES ESL/Bilingual Review Session 30
TExES Review: Generalist 4-8 30
TExES Review: Generalist EC-6 30
TExES Review: Math 31
TExES Review: PPR EC-12 31
Tools for Teaching Module 31
Transitions in Language Arts 94
Transitions Math 94

U

V

W
Web Page Creation - Online 61
Wedding Design Techniques 53
Wedding Planner Certification 27, 53, 70
Welding Inspection Preparation Part I 39, 70
Welding Inspection Preparation Part II 39, 70
Windows 7 Client Configuration 70-680 61
Word Complete - Online 62
Word I 61
Word II 61
WordPress I 20, 62
Workplace Microbiology 46
Work Skills for the Workplace 27, 36

X

Y

Z
Date: ______/_____/20______

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

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<th>Middle Name:</th>
<th>Student ID or Soc. Sec. No.*</th>
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Previous Last Name: Date of Birth: Phone No.
Home: Cell:

Address:
City: State: Zip:

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

Email Address:

Emergency Contact Name: Relationship: Phone No:

Demographic Questionnaire

Gender: □ M □ F

Race (Check all that apply)
□ American Indian/Alaskan Native
□ Asian
□ Hispanic or Latino
□ Not Hispanic or Latino
□ Black/African American
□ Native Hawaiian/Pacific Islander
□ White

Additional Information
□ Academically disadvantaged □ Limited English
□ Economically disadvantaged □ Displaced Homemaker
□ 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
□ 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

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<td>Introduction to Computers</td>
<td>ITSCC 2100103</td>
<td>LSC-CyFair</td>
<td>09/02/14</td>
<td>$180</td>
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Payment is due at the time of registration.

Make all checks payable to Lone Star College System.
Please read the refund policy in the schedule.
A $20 infrastructure fee is charged per semester.

Total Fee
Method of Payment
Entered by
Date
Receipt #

Charge to My:
□ AmEx □ Discover
□ Master Card □ Visa

Name on Card: Authorized Signature: Billing Address:

Visit LoneStar.edu • Affirmative Action/EEO College • For more information on bacterial meningitis please go to www.Tdh.state.tx.us
Financial Assistance is available for Continuing Education & Corporate College Fast Track Certificates in Workforce Training.

Contact your local Career & Technical Education office at any campus location (inside cover) or online at: LoneStar.edu/FA-Grants

Funds are Limited