How May I Help You?
Career & Technical Advisor at LSC-CyFair
Helps Students Achieve Their Goals
page 37

Back to School
page 53

Student Success
page 66
CE classes are also available at LSC satellite centers. Contact and location information for centers is available starting on page 111.
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 job 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 seven comprehensive colleges located across the Houston region from Montgomery to Katy, there is a campus close to you for your workforce training needs.

Inside this Lone Star Corporate College (CC) Open Enrollment and Career & Technical Education (CTE) schedule, you will find the information you need for high-demand careers in Arts, Humanities, Communication & Design; Business & Professional Services; Computer/Digital Technology; Energy, Manufacturing & Construction; Health Sciences; Public Safety & Human/Consumer Services; and Social/Behavioral Sciences & Education. If you don’t know where to begin or would like to speak to a workforce advisor, call a campus location today (email and phone numbers for staff are listed by campus on the inside cover).

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

Linda L. Head
Senior Associate Vice Chancellor,
Division of External & Employer Relations
Lone Star College

Lone Star College Board of Trustees
Michael Stoma, District 1
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Myriam Saldívar, Vice Chair, District 6
Linda S. Good, Assistant Secretary, District 7
Mike Sullivan, District 8
Ken E. Lloyd, District 9
Stephen C. Head, Ph.D., LSC Chancellor
Important Dates

Spring 2020
- Nov. 13: Registration begins
- Jan. 4: Payment due
- Jan. 13: Spring classes begin
- May 4–10: Spring 2020 Final Exams
- May 8–9: Commencement
- May 10: End of semester

Summertime
- Jul. 1: Summer classes begin
- Jul. 15: Summer II classes begin
- Aug. 16: Summer II classes end

Summer 2020
- Mar. 2: Registration begins
- May 1: Payment due (May mini-mester)
- May 11: May mini-mester begins
- May 31: Payment due (Summer 2020)
- Jun. 1: Summer I classes begin
- Jun. 7: Summer I classes end
- Jul. 1: Summer II classes begin
- Jul. 7: Summer II classes end

College Holidays

2020
- Jan. 20: MLK holiday
- Mar. 9–15: Spring Break
- Apr. 10–12: Spring Holiday
- May 23–25: Memorial Day holiday
- July 2–5: 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
- Refund Drop: LoneStar.edu/refunds
- Final Exams: LoneStar.edu/examschedule

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

LoneStar.edu/academic-calendar
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HEALTH SCIENCES

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POLICIES & PROCEDURES

POLICIES AND PROCEDURES

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This catalog has been carefully prepared to ensure that all information is accurate; however, Lone Star College reserves the right to make changes. This may result in deviations from the published catalog, including tuition and fees. For the most up-to-date course catalog, please visit LoneStar.edu/CE.
<table>
<thead>
<tr>
<th>ARTS, HUMANITIES, COMMUNICATION &amp; DESIGN</th>
<th>Median Wage</th>
<th>Job Growth Rate</th>
<th>Job Openings</th>
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*Fast-track non-credit program.*

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<th>Median Wage</th>
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<td>Electrical Technology, AAS</td>
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<td>Mechatronics Technician, AAS</td>
<td>$65,643</td>
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<td>14.1%</td>
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<td>Petroleum Service Technology Certificate Level II</td>
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<tr>
<td>Petroleum Service Technician Certificate Level I</td>
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<td>Petroleum Data Technology, AAS</td>
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<td>Petroleum Data Technology Certificate Level I</td>
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<td>Process Technology, AAS</td>
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<td>*Field Service Technician Certificate</td>
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<tr>
<td>*Pre-Apprentice Mechatronics</td>
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<tr>
<td><strong>Engineering Design Technology</strong></td>
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<td>Architectural Engineering, AAS</td>
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<td>Architectural Design Certificate Level I</td>
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<td>Mechanical Engineering, AAS</td>
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<td>Mechanical Design Certificate Level I</td>
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<td>*AutoCAD Draftsman Certificate</td>
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<td>*SolidWorks Designer Certificate</td>
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<tr>
<td><strong>Heating, Ventilation, Air Conditioning (HVAC) &amp; Refrigeration</strong></td>
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<td>HVAC &amp; Refrigeration, AAS</td>
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<td>HVAC Occupational Entry Certificate Level I</td>
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<tr>
<td>*HVAC NJCER Certificate</td>
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<tr>
<td>*HVAC Occupational Entry Certificate</td>
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<tr>
<td><strong>Industrial Electronics</strong></td>
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<td>Industrial Electronics, AAS</td>
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<td><strong>Land Surveying &amp; Mapping Technology</strong></td>
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<td>Land Surveying and Mapping Technology, AAS</td>
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<td><strong>Logistics Management</strong></td>
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<td>Logistics Management, AAS</td>
<td>$95,624</td>
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<td>First Line Logistics Leader Certificate Level I</td>
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<td><strong>Oil &amp; Gas Drilling</strong></td>
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<td>*ADC Gateway Floor-Hand Roustabout Certificate</td>
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**HEALTH SCIENCES**

<table>
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<th>Median Wage</th>
<th>Job Growth Rate</th>
<th>Job Openings</th>
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<td><strong>Biotechnology</strong></td>
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<td><strong>Emergency Medical Services Professionals</strong></td>
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<td><strong>Health Information Technology</strong></td>
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<tr>
<td><strong>Medication Aides</strong></td>
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</table>

*Fast-track non-credit program.*
## Median Salaries & Job Growth Projections (As of 10.25.19)

### Credit Workforce Certificate Programs

<table>
<thead>
<tr>
<th>Program Name</th>
<th>Median Wage</th>
<th>Job Growth Rate</th>
<th>Job Openings</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Clinical Medical Assistant Certificate</em></td>
<td>$31,032</td>
<td>38.9%</td>
<td>2,261</td>
</tr>
<tr>
<td><em>Nurse Aide (CNA) Certificate</em></td>
<td>$25,762</td>
<td>24.6%</td>
<td>2,977</td>
</tr>
<tr>
<td><em>Patient Care Technician Certificate</em></td>
<td>$32,279</td>
<td>28.8%</td>
<td>253</td>
</tr>
<tr>
<td><strong>Occupational Therapy</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Occupational Therapy Assistant, AAS</td>
<td>$72,929</td>
<td>32.9%</td>
<td>94</td>
</tr>
<tr>
<td><strong>Phlebotomy</strong></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Phlebotomy</td>
<td>$32,279</td>
<td>19.7%</td>
<td>110</td>
</tr>
<tr>
<td><strong>Physical Therapy</strong></td>
<td></td>
<td></td>
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<tr>
<td>Physical Therapy Assistant, AAS</td>
<td>$69,923</td>
<td>36.0%</td>
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<tr>
<td><strong>Respiratory Care</strong></td>
<td></td>
<td></td>
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<tr>
<td>Respiratory Care Therapist, AAS</td>
<td>$58,931</td>
<td>20.3%</td>
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</tr>
<tr>
<td><strong>Surgical Technology</strong></td>
<td></td>
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<tr>
<td>Surgical Technology, AAS</td>
<td>$48,419</td>
<td>22.1%</td>
<td>336</td>
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<tr>
<td><em>Sterile Processing Technician Practicum Track Certificate</em></td>
<td>$32,028</td>
<td>19.7%</td>
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<tr>
<td><strong>Veterinary Technology</strong></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Veterinary Technology, AAS</td>
<td>$30,029</td>
<td>24.0%</td>
<td>191</td>
</tr>
<tr>
<td>Veterinary Assistant Certificate Level I</td>
<td>$25,021</td>
<td>21.1%</td>
<td>222</td>
</tr>
<tr>
<td><strong>PUBLIC SAFETY &amp; HUMAN/CONSUMER SERVICES</strong></td>
<td></td>
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</tr>
<tr>
<td>Cosmetology, AAS</td>
<td>$20,482</td>
<td>16.7%</td>
<td>1,639</td>
</tr>
<tr>
<td>Cosmetology Operator Certificate Level I</td>
<td>$23,351</td>
<td>17.2%</td>
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<tr>
<td>Cosmetology Instructor, AAS</td>
<td>$50,418</td>
<td>8.0%</td>
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<tr>
<td><strong>Fire Science Technology</strong></td>
<td></td>
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<tr>
<td>Fire Science Technology, AAS</td>
<td>$51,243</td>
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<tr>
<td><strong>Human Services</strong></td>
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<tr>
<td>Human Services, AAS: General Human Services Concentration</td>
<td>$35,365</td>
<td>20.6%</td>
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<td>Human Services Certificate Level I</td>
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<td>Human Services, AAS: Substance Abuse Counseling Concentration</td>
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<td>Basic Chemical Dependency Counselor Certificate Level I</td>
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<tr>
<td><strong>Interpreter Training Technology</strong></td>
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<tr>
<td>Interpreter Training Technology, AAS</td>
<td>$52,834</td>
<td>23.3%</td>
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<tr>
<td><em>ASL Communications Skills Certificate Level I</em></td>
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<tr>
<td><em>Bilingual Interpreter Certificate Level I</em></td>
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<tr>
<td><strong>Massage Therapy</strong></td>
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<tr>
<td>Massage Therapy Certificate Level I</td>
<td>$42,737</td>
<td>28.2%</td>
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<tr>
<td><strong>Personal Training</strong></td>
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<tr>
<td>Personal Trainer</td>
<td>$35,903</td>
<td>16.4%</td>
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<td><strong>SOCIAL/BEHAVIORAL SCIENCES &amp; EDUCATION</strong></td>
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<tr>
<td>Education</td>
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<tr>
<td><em>Substitute Teacher</em></td>
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<tr>
<td><em>Texas Teacher Certification: Clinical Teaching Track</em></td>
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<tr>
<td><em>Texas Teacher Certification: Internship Track</em></td>
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### INDUSTRY CERTIFICATION & EXAM PREP

<table>
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<tr>
<th>Program Name</th>
<th>Median Wage</th>
<th>Job Growth Rate</th>
<th>Job Openings</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>A+ Certification</em></td>
<td>$47,964</td>
<td>16.6%</td>
<td>1,245</td>
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<tr>
<td><em>American Payroll Association Payroll Professional</em></td>
<td>$42,221</td>
<td>8.1%</td>
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<tr>
<td><em>AWS Welding Inspector Exam Prep Certificate</em></td>
<td>$38,512</td>
<td>3.7%</td>
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<tr>
<td><em>Cisco CCNA</em></td>
<td>$84,638</td>
<td>11.9%</td>
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<tr>
<td><em>Cisco CCNP</em></td>
<td>$120,813</td>
<td>13.4%</td>
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<tr>
<td><em>Comptia A+</em></td>
<td>Data is not available due to program training towards an industry certification and not a specific job title.</td>
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<tr>
<td><em>Comptia Network+</em></td>
<td></td>
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</tr>
<tr>
<td><em>GED (General Education Development) Certification</em></td>
<td>Data is not available as this does not train to a specific occupation.</td>
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<tr>
<td><em>IADC RigPass</em></td>
<td>Data is not available due to program training towards an industry certification and not a specific job title.</td>
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<tr>
<td><em>IADC WellSharp</em></td>
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<tr>
<td><em>National Career Readiness (NCR)</em></td>
<td>Data is not available due to program training towards an industry certification and not a specific job title.</td>
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<tr>
<td><em>National Institute for Metalworking Skills (NIMS)</em></td>
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<tr>
<td><em>Oracle Database Certification</em></td>
<td>$93,202</td>
<td>17.5%</td>
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<td><em>OSHA 10 and 30</em></td>
<td>Data is not available due to program training towards an industry certification and not a specific job title.</td>
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<tr>
<td><em>Project Management Certification</em></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>
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<tr>
<td><em>Texas Society of CPAs</em></td>
<td>Data is not available due to program training towards an industry certification and not a specific job title.</td>
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<tr>
<td><em>TxDPS - Commercial Drivers License (CDL)</em></td>
<td>$41,754</td>
<td>17.1%</td>
<td>5,467</td>
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<tr>
<td><em>WorkKeys</em></td>
<td>Data is not available due to program training towards an industry certification and not a specific job title.</td>
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*Fast-track non-credit program.*
## Programs of Study

### Credit and Non-Credit (As of 10.28.19)

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<th>HN</th>
<th>K</th>
<th>M</th>
<th>NH</th>
<th>T</th>
<th>UP</th>
<th>OL</th>
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### Arts, Humanities, Communication & Design

<table>
<thead>
<tr>
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<th>CF</th>
<th>HN</th>
<th>K</th>
<th>M</th>
<th>NH</th>
<th>T</th>
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<tbody>
<tr>
<td>Associate of Arts (AAS) Degree</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
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<tr>
<td>Music AA Degree</td>
<td>★</td>
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<tr>
<td>Speech Communication AA Degree</td>
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### Game Design & Simulation

<table>
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<tbody>
<tr>
<td>Game Design &amp; Simulation Designer (Artist) Specialization AAS Degree</td>
<td>★</td>
<td>★</td>
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<td>★</td>
<td>★</td>
<td>★</td>
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</tr>
<tr>
<td>Game Design &amp; Simulation Designer (Artist) Certificate Level II</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
</tr>
<tr>
<td>Game Design &amp; Simulation Developer (Programming) Specialization AAS Degree</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
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</tr>
<tr>
<td>Game Design &amp; Simulation Developer (Programming) Certificate Level II</td>
<td>★</td>
<td>★</td>
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<td>★</td>
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### Live Entertainment Technology

<table>
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<tr>
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<th>CF</th>
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<th>K</th>
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<tbody>
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<td>Live Entertainment Technology Certificate Level II</td>
<td>★</td>
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<td>★</td>
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<td>Live Entertainment Technology Certificate Level I</td>
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<tr>
<td>Video Production for Live Entertainment Technology Certificate Level II</td>
<td>★</td>
<td>★</td>
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<tr>
<td>Video Production for Live Entertainment Technology Certificate Level I</td>
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### Visual Communication

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<tbody>
<tr>
<td>Visual Communication AAS Degree: 3D Animation Track</td>
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<tr>
<td>Visual Communication AAS Degree: Graphic Design Track</td>
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<tr>
<td>Visual Communication AAS Degree: Multimedia Track</td>
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<tr>
<td>Visual Communication AAS Degree: Video &amp; Post Production Track</td>
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<tr>
<td>Web Design Certificate Level II</td>
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<tr>
<td>Digital Photography Enhanced Skills Certificate</td>
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<td>Motion Graphics Certificate Level II</td>
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### Web

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<td>Web Developer Certificate</td>
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### Business & Professional Services

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<td>Accounting Certificate Level I</td>
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<td>Professional Accountancy Advanced Technical Certificate</td>
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<td>Accounting Assistant/Bookkeeper Certificate</td>
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<td>Payroll Assistant Certificate</td>
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### Computer/Digital Technology

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<td>Computer Programming Specialist Certificate Level II</td>
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### Administrative Services

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### Business Administration

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### Paralegal Studies

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# Programs of Study

## Credit and Non-Credit

(As of 10.28.19)

### Geographic Information Systems
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### Machining Technology
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### Academic Transfer Degrees

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Some Courses Offered | ★ | ★

LSC Credit and Non-Credit Programs of Study are organized according to nationally recognized areas of study. Each area of study represents a broad industry and group of occupations that require common knowledge and skills, followed by the 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.

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Social/Behavioral Sciences & Education

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Industry Certification & Exam Prep

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* The U.S. Department of Education (DOE) requires that institutions of higher education must provide current and prospective students with information about each of its programs that prepare students for gainful employment (GE) in a recognized occupation. Lone Star College certiﬁcate programs, not designed to be fully transferable to a bachelor’s degree program, are considered GE programs. Lone Star College’s Gainful Employment Program information is available at LoneStar.edu/GainfulEmployment.

LSC Credit and Non-Credit Programs of Study are organized according to nationally recognized areas of study. Each area of study represents a broad industry and group of occupations that require common knowledge and skills, followed by the LSC Programs of Study offered in each area. 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 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.
HOW TO READ THE SCHEDULE

The diagrams below explain how to read the course offerings 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 preceded by a link symbol are linked to a credit course (see page 100). If you have questions about a class, contact the Lone Star College campus where the class is offered. Course offerings are listed by Program Certificate order.

AutoCAD, Introduction
DFTGC 2101401 32 Contact Hours $504
Topics include CAD equipment selection and interface; software selection and installation; creating, editing and plotting of line drawings for architectural, electrical, circuit, mechanical, or interior design; create/modify graphic elements, storing and retrieving predefined components; and adding text and dimensions.

LSC-CyFair
3162 DFTGC 2101401 5002 MW 8/24-9/21 6 pm-10 pm HSC1120
For information email Randel.H.Dobson@LoneStar.edu. Instruction Type: Online

Accounting I, Intermediate
ACNTC 2200301 80 Contact Hours $1,059
Critical analysis of generally accepted accounting principles, concepts, and theory underlying the preparation of financial statements. Emphasis on current theory and practice. Primary concern is with asset measurement and income determination. This course is linked to ACNT 2303. Prerequisite: ACCT 2401.

LSC-North Harris
4562 ACNTC 2200301 1001 8/24-12/13
Department consent required. Contact the CE office at a LSC campus to register. Instruction Type: Online

A $21 Infrastructure fee per semester applies to all students. Linked with a credit course. See page 93 for requirements.
REGISTERING FOR CLASSES

LSC offers many possibilities for enriching careers and personal lives. The Career & Technical Education (CTE) and Corporate College Open Enrollment (CC) 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/CTE.

New User Application

New Students will need to create a temporary username, password, and provide an up-to-date email address to create an account. After completing form, Click “Create Account” for the next steps. Fill out the application form, certify, and click on “Submit,” at the bottom of page. Once the validation process is complete you will receive a confirmation notice to your provided email.

Your LSC-Student ID will be issued with further login and registration instructions. Check your email for official login notice to use move forward with registration.

If you are a current Credit student, you will need to apply through the “New Student” application form at LoneStar.edu/CTE and wait for your confirmation email.

After you have successfully logged into your Lone Star College student account, you will see the “Student Homepage,” with the “Manage Classes” portal option. Click on “Manage Classes” and choose “Class Search and Enroll”.

Next, enter keyword(s) e.g. Course Title, Subject, Class Topic and hit search.

If you would like more detail on a specific class, review the panel to the left side of your screen and click on the specific details you are looking for.

Once you have decided on a class you would like to register for, click on your selection. Next, find and click on the class details for the offering that best fits your schedule.

Follow steps 1 through 3 as provided to complete enrollment. Make sure the class section fits your schedule and click “Submit”.

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. After that, print the Registration Confirmation page.

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

Add/Drop Classes

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

Tuition and Fees

An infrastructure fee of $21 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.
Paying for classes

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

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

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

Need Financial Assistance?

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

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

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

STUDENT SERVICES

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

Book Stores
LSC-Atascocita Center 832.775.0856
LSC-CyFair 281.290.5950
LSC-Cypress Center 832.920.5056
LSC-Houston North Fairbanks 832.782.5075
LSC-Houston North Victory 281.810.5658
LSC-Kingwood 281.312.1699
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 that offers online services and in person job fairs to connect you to Houston area employers. Please visit LoneStar.edu/career-services or LoneStar.edu/career-fairs online or call 281.401.5358.

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

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.

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

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

FAQs

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

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

What if I move or change my phone number?
Go to myLoneStar.edu and select CE 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.
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.

### ARTS, HUMANITIES, COMMUNICATION & DESIGN

#### Web Designer Fast Track Certificate

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#### Web Developer Fast Track Certificate

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### BUSINESS & PROFESSIONAL SERVICES

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Prepares for the Certified Payroll Professional (CPP) Examination.

#### Leadership Skills for New Supervisors Fast Track Certificate

<table>
<thead>
<tr>
<th>Subject</th>
<th>Catalog#</th>
<th>Contact Hours</th>
<th>Tuition &amp; Fees</th>
<th>Supplies</th>
<th>Exam Fees</th>
<th>Campus</th>
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<td>BMGTC 1101006</td>
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<td>32</td>
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Leadership Skills for Experienced Supervisor Fast Track Certificate

Leadership Skills for Experienced Supervisor  
BMGTC 1101007  
Tuition and Fees  
32  
$960

Lean Six Sigma Green Belt Fast Track Certification

Lean Six Sigma Green Belt  
BMGTC 1109151  
Tuition and Fees  
57  
$1,935

Lean Six Sigma Black Belt Fast Track Certification

Lean Six Sigma Black Belt  
BMGTC 1109150  
Tuition and Fees  
62  
$2,105

Project Management (Project Management Institution) Fast Track Certification

PMP Certification Exam Preparation  
BMGXC 5000134  
Tuition and Fees  
35  
$1,566

A+ Certification (CompTIA) Preparation

A+ Certification Training  
ITSCC 2102520  
Tuition and Fees  
96  
$1,571

Amazon Web Services

ST: In Information Sciences and Systems  
ITNWC 1109105  
ST: In Networking & Telecommunications  
ITNWC 1109202  
Tuition and Fees  
48  
$768  
80  
$1,280  
128  
$2,048

Cisco Network Administrator (CCNA) Fast Track Certificate

CCNA 1: Introduction to Networks; ITCC 1314  
ITCCC 2101401  
CCNA 2: Routing & Switching Essentials; ITCC 1340  
ITCCC 2104001  
CCNA 3: Scaling Networks; ITCC 2312  
ITCCC 2201201  
CCNA 4: Connecting Networks; ITCC 2313  
ITCCC 2201301  
Tuition and Fees  
80  
$280  
80  
280  
80  
280  
320  
$1,120

Google IT Support Professional Fast Track Certificate

Google IT Certification  
ITCCC 1109106  
Tuition and Fees  
256  
$1,000
These programs are designed to prepare students for employment; however, individual workforce courses can also be taken for personal enrichment. Students who complete all courses within a program will earn a workforce certificate.

<table>
<thead>
<tr>
<th>Program/ Course</th>
<th>Subject</th>
<th>Catalog#</th>
<th>Contact Hours</th>
<th>Tuition &amp; Fees</th>
<th>Supplies</th>
<th>Exam Fees</th>
<th>Campus</th>
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<td>CF</td>
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<td>2100501</td>
<td>112</td>
<td>$379</td>
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<td>AUMTC</td>
<td>2100701</td>
<td>112</td>
<td>379</td>
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<td>Automotive Electrical Systems; AUMT 1407</td>
<td>CC</td>
<td>AUMTC</td>
<td>2101001</td>
<td>112</td>
<td>379</td>
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<td>Automotive Brake Systems; AUMT 1410</td>
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<td>AUMTC</td>
<td>2101502</td>
<td>8</td>
<td>379</td>
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<td>NH</td>
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<td>2100502</td>
<td>40</td>
<td>$664</td>
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<td>CVOPC</td>
<td>2101315</td>
<td>112</td>
<td>1,827</td>
<td>Learner’s Permit $25</td>
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<td>Professional Truck Driver I</td>
<td>NH</td>
<td>CVOPC</td>
<td>2104001</td>
<td>80</td>
<td>1,315</td>
<td>Driver’s License $61</td>
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<td>Professional Truck Driver II</td>
<td>NH</td>
<td>CVOPC</td>
<td>2101502</td>
<td>8</td>
<td>152</td>
<td>Motor Vehicle Report $6.50</td>
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<td>Commercial Drivers License Exam Preparation</td>
<td>NH</td>
<td>CVOPC</td>
<td>2100901</td>
<td>96</td>
<td>$377</td>
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<td>Tuition and Fees</td>
<td>NH</td>
<td>CVOPC</td>
<td>2101100</td>
<td>38</td>
<td>Custom</td>
<td>Learner’s Permit $25</td>
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<td>Stevens Transport Truck Driving Fast Track Certificate</td>
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<td>CVOPC</td>
<td>1109111</td>
<td>38</td>
<td>Custom</td>
<td>Driver’s License $61</td>
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<td>CVOPC</td>
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<td>1,827</td>
<td>Motor Vehicle Report $6.50</td>
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<td>NH</td>
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<td>2104305</td>
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<td>NH</td>
<td>CVOPC</td>
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<td>96</td>
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<tr>
<td>Field Service Technician Fast Track Certificate</td>
<td>CF</td>
<td>CETC</td>
<td>2100901</td>
<td>96</td>
<td>$377</td>
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<td>DC/AC Circuits; CETT 1409</td>
<td>CF</td>
<td>HYDR</td>
<td>2104504</td>
<td>80</td>
<td>277</td>
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<tr>
<td>Hydraulics and Pneumatics; HYDR 1345</td>
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<td>MCHNC</td>
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<td>Print Reading For Machining Trades; MCHN 1302</td>
<td>CF</td>
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<td>2100901</td>
<td>96</td>
<td>$377</td>
<td></td>
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</tr>
</tbody>
</table>

A $21 Infrastructure fee per semester applies to all students. 

Linked with a credit course. See page 93 for requirements.
Floorhand/Roustabout (IADC Gateway) Fast Track Certificate

Introduction to Oil and Gas
IADC RIG PASS®
IADC WellSharp®
Work Skills for the Workplace
Basic Hand Tools for Floorhands
Drilling/Rig Floor Core Skills

| Tuition and Fees | 152 | $2,715 |

Pre-Apprentice Mechatronics Fast Track Certificate

Introduction to Manufacturing for Mechatronics
Industrial Maintenance for Mechatronics
Basic Mechanic Skills for Mechatronics
Electrical/Electronics for Mechatronics
Work Skills for the Workplace
Quality Control for Mechatronics
Programmable Logic Controllers for Mechatronics

| Tuition and Fees | 260 | $4,361 |

HVAC Occupational Entry Fast Track Certificate

Basic Electricity Principles for HVAC; HART 1301
Refrigeration Principles; HART 1307
Gas and Electric Heating; HART 1345
Residential Air Conditioning; HART 1341

| Tuition and Fees | 384 | $1,204 |

Welder (SMAW & GMAW) Fast Track Certificate

Blueprint Reading for Welding
Math for Welding
Shielded Metal Arc Welding (SMAW)
Gas Metal Arc Welding (GMAW)
Work Skills for the Workplace

| Tuition and Fees | 240 | $4,462 |

Welder (GTAW) Fast Track Certificate

Gas Tungsten Arc Welding (GTAW)

| Tuition and Fees | 96 | $1,555 |

Welder (Pipe) Fast Track Certificate

Shielded Metal Arc Pipe

| Tuition and Fees | 96 | $1,555 |

State Licensure Eligibility
Lone Star College offers some workforce associate degree or certificate programs in which a state license is required to obtain employment in healthcare, emergency services or business services fields. For students in these programs who may have a criminal background, please be advised that the background check results could keep you from being licensed by the State of Texas or other licensing agencies required to obtain employment. If a student has a question about his or her background and licensure, please speak with the appropriate department chair, program director, or person listed on the program website. Students also have the right to request a criminal history evaluation letter from the applicable licensing agency.

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

<table>
<thead>
<tr>
<th>PROGRAM/ COURSE</th>
<th>SUBJECT</th>
<th>CATALOG#</th>
<th>CONTACT HOURS</th>
<th>TUITION &amp; FEES</th>
<th>SUPPLIES</th>
<th>EXAM FEES</th>
<th>CAMPUS</th>
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<td><strong>Welding Inspector Exam Prep (AWS) Fast Track Certificate</strong></td>
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<td>NDTEC</td>
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<td>Prepares for Welding Inspector Exam.</td>
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</tbody>
</table>

| **HVAC NCCER Fast Track Certificate**                          |         |          |               |                |          |           |        |
| NCCER Core - Construction Methods/Materials                    | CNBTC   | 2101106  | 73            | $1,009         |          |           |        |
| Refrigeration Principles NCCER                                  | HARTC   | 2100705  | 120           | 1,620          |          |           |        |
| Tuition and Fees                                               | 193     | $2,629   |               |                |          |           |        |
| Prepares for NCCER wallet card & credentials.                  |         |          |               |                |          |           |        |

| **Pipefitting NCCER Fast Track Certificate Level I**           |         |          |               |                |          |           |        |
| NCCER Core - Construction Methods/Materials                    | CNBTC   | 2101106  | 73            | $1,228         |          |           |        |
| Basic Pipefitting                                              | PFPBC   | 2100801  | 80            | 1,340          |          |           |        |
| Tuition and Fees                                               | 153     | $2,568   |               |                |          |           |        |
| Prepares for NCCER wallet card & credentials.                  |         |          |               |                |          |           |        |

| **Pipefitting NCCER Fast Track Certificate Level II**          |         |          |               |                |          |           |        |
| Pipefitting Fabrication & Blueprint Reading                    | PFPBC   | 2104301  | 85            | $1,420         |          |           |        |
| Pipefitting Fabrication & Installation                         | PFPBC   | 2200701  | 78            | 1,283          |          |           |        |
| Tuition and Fees                                               | 163     | $2,703   |               |                |          |           |        |
| Prepares for NCCER wallet card & credentials.                  |         |          |               |                |          |           |        |

| **Pipefitting NCCER Fast Track Certificate Level III**         |         |          |               |                |          |           |        |
| Advanced Application for Piping Trades                         | PFPBC   | 2203101  | 55            | $940           |          |           |        |
| Advanced Pipefitting Standards & Installation                 | PFPBC   | 2203201  | 95            | 1,555          |          |           |        |
| Tuition and Fees                                               | 150     | $2,495   |               |                |          |           |        |
| Prepares for NCCER wallet card & credentials.                  |         |          |               |                |          |           |        |

| **Welding NCCER Fast Track Certificate**                       |         |          |               |                |          |           |        |
| NCCER Core - Construction Methods/Materials                    | CNBTC   | 2101106  | 73            | $1,228         |          |           |        |
| Fundamentals of Oxy-Fuel Cutting for Welding                   | WLDGC   | 2100401  | 40            | 689            |          |           |        |
| SMAW Introduction                                              | WLDGC   | 2102805  | 130           | 2,115          |          |           |        |
| SMAW Intermediate                                              | WLDGC   | 2105703  | 115           | 1,875          |          |           |        |
| Tuition and Fees                                               | 358     | $5,907   |               |                |          |           |        |
| Prepares for NCCER wallet card & credentials.                  |         |          |               |                |          |           |        |
Registration Requirements for all Healthcare Programs could include the following:

- High School Diploma
- Copy of S. S. Card
- Copy of TX DL or ID
- Background Check
- Hepatitis B (3 shots)/TITER
- TDAP (last 10 years)
- MMR (2 shots)/TITER
- Varicella (2 shots)
- TB Skin Test Negative (within 6 mos.)
- Flu shot (seasonal)
- Valid AHA Heartsaver CPR card/certification
- TABE testing

Health Occupation Programs have a registration checklist online to help students with the program registration process.

Lonestar.edu/Departments/CE/Student_Checklist_Background_Check_Combined

*Insurance Liability Fee applies (Fall $12/Spring $8/Summer $0)
Speak to an advisor about the: Notice of Potential Ineligibility for Occupational Licensing.

### Clinical Medical Assistant Fast Track Certificate

<table>
<thead>
<tr>
<th></th>
<th>CATALOG#</th>
<th>HOURS</th>
<th>TUITION &amp; FEES</th>
<th>SUPPLIES</th>
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<tbody>
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<td>Clinical Medical Assistant</td>
<td>MDcac 2106001</td>
<td>112</td>
<td>$1,491</td>
<td>Scrubs $25, Shoes $35</td>
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<tr>
<td>Clinical Medical Assistant - LAB</td>
<td>MDCAC 2106002</td>
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<td>Clinical Medical Assistant - Clinical</td>
<td>MDCAC 2106003</td>
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### Dental Assistant Fast Track Certificate

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<th>TUITION &amp; FEES</th>
<th>SUPPLIES</th>
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<tbody>
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<td>Dental Assisting I</td>
<td>DNTAC 2105303</td>
<td>128</td>
<td>$1,714</td>
<td>Scrubs $25, Shoes $35</td>
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<tr>
<td>Dental Assisting II</td>
<td>DNTAC 2101502</td>
<td>128</td>
<td>1,714</td>
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<td>Dental Assisting III (Clinical)</td>
<td>DNTAC 2106002</td>
<td>60</td>
<td>815</td>
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<td>Dental Assisting Review, Exam (TSBDE)</td>
<td>DNTAC 2100302</td>
<td>16</td>
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<td>332</td>
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<td>$4,475*</td>
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Prepares for Registered Dental Exam. | Required by: Texas State Board of Dental Examiners.

### Electrocardiography Monitor Technician Fast Track Certificate

<table>
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<th>CATALOG#</th>
<th>HOURS</th>
<th>TUITION &amp; FEES</th>
<th>SUPPLIES</th>
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<td>Electrocardiography Monitor Technician</td>
<td>ECRDC 2101103</td>
<td>30</td>
<td>$429</td>
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<td>Tuition and Fees</td>
<td>30</td>
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<td>$429*</td>
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### Electrocardiography Technician Fast Track Certificate

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<th>TUITION &amp; FEES</th>
<th>SUPPLIES</th>
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<tr>
<td>Electrocardiography</td>
<td>ECRDC 2101101</td>
<td>32</td>
<td>$440</td>
<td>Scrubs $25, Shoes $35</td>
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<td>Electrocardiography, Diagnostic</td>
<td>DSAC 2104002</td>
<td>64</td>
<td>867</td>
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<td>Cardiovascular Technology Technician, Clinical</td>
<td>CVTTC 2106003</td>
<td>80</td>
<td>1,075</td>
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<td>Electrocardiography Technician Proctor Fee</td>
<td>ECRXC 7000002</td>
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<td>240</td>
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<td>$2,445*</td>
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### Emergency Medical Technician (EMT), Basic Fast Track Certificate

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<th>TUITION &amp; FEES</th>
<th>SUPPLIES</th>
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<tr>
<td>Emergency Medical Technician, Basic; EMSP 1501</td>
<td>EMSPC 2100103</td>
<td>144</td>
<td>$477</td>
<td>Pre-requirements $86+</td>
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<td>Emergency Medical Technician, Clinical; EMSP 1160</td>
<td>EMSPC 2106002</td>
<td>80</td>
<td>101</td>
<td>Supplies $75+</td>
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<td>$578*</td>
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### Medication Aide Fast Track Certificate

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<th>CATALOG#</th>
<th>HOURS</th>
<th>TUITION &amp; FEES</th>
<th>SUPPLIES</th>
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<tbody>
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<td>Medication Aide</td>
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<td>Tuition and Fees</td>
<td>140</td>
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<td>$1,870*</td>
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</tbody>
</table>
These programs are designed to prepare students for employment; however, individual workforce courses can also be taken for personal enrichment. Students who complete all courses within a program will earn a workforce certificate.

<table>
<thead>
<tr>
<th>PROGRAM/ COURSE</th>
<th>SUBJECT</th>
<th>CATALOG#</th>
<th>CONTACT HOURS</th>
<th>TUITION &amp; FEES</th>
<th>SUPPLIES</th>
<th>EXAM FEES</th>
<th>CAMPUS</th>
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<tbody>
<tr>
<td>Nurse Aide (CNA) Fast Track Certificate</td>
<td>NURAC</td>
<td>2100105</td>
<td>64</td>
<td>$882</td>
<td>Pre-requisites $86+</td>
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<tr>
<td>Nurse Aide, Certified</td>
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<td>116</td>
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**Patient Care Technician Fast Track Certificate**

| Nurse Aide, Certified | NURAC | 2100105 | 64 | $882 | Pre-requisites $86+ | |
| Nurse Aide, Certified (Clinical) | | | | | | |
| Nurse Aide State Exam Facilitator | NURXC | 7800121 | 8 | 64 | | |
| Phlebotomy | PLABC | 2102301 | 96 | 1,298 | | |
| Phlebotomy, Clinical | PLABC | 2109100 | 12 | 180 | | |
| Health Occupations Professionalism in the Workplace | NURAC | 2109102 | 24 | 336 | | |
| Electrocardiography | ECRDC | 2101101 | 32 | 440 | | |
| Medical Terminology | HITTC | 2100500 | 32 | 440 | | |
| Tuition and Fees | | | 312 | $4,236* | | |

**Phlebotomist Fast Track Certificate**

| Phlebotomy | PLABC | 2102301 | 96 | $1,298 | Pre-requisites $86+ | |
| Phlebotomy, Clinical | PLABC | 2106001 | 100 | 1,335 | | |
| Tuition and Fees | | | 196 | $2,633* | | |

**Occupational Therapy Practitioner Re-Entry Fast Track Certificate**

| Physical Function in Occupational Therapy -or- | OTHAC | 1203100 or | 32 | $648 | Pre-requisites $86+ |
| Occupational Performance from Birth to Adolescence -or- | OTHAC | 1104100 or | 32 | 648 | |
| Occupational Performance for Elders -or- | OTHAC | 1105300 or | 32 | 648 | |
| Mental Health in Occupational Therapy | OTHAC | 1200900 | 32 | 648 | |
| Health Care Management in Occupational Therapy | OTHAC | 1203500 | 32 | 648 | |
| Occupational Therapy Practice Fieldwork | OTHAC | 1109100 | 80 | 1,075 | |
| Tuition and Fees | | | 144 | $2,371* | | |

**Sterile Processing Technician Non-Practicum Fast Track Certificate**

| Intro to the Human Body & Disease | CSPDC | 2107101 | 48 | $659 | Scrubs $25, Shoes $35 |
| Infection Control | CSPDC | 2107201 | 80 | 1,075 | |
| Essentials of Medical Terminology | HPRSC | 2100604 | 24 | 336 | |
| Tuition and Fees | | | 152 | $2,070* | | |

A $21 Infrastructure fee per semester applies to all students. *Insurance Liability Fee applies (Fall $12/Spring $8/Summer $0)

[Search & Register for classes online at LoneStar.edu/CTE]
### Corporate College/Career & Technical Education
**Program & Course Listings**

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

<table>
<thead>
<tr>
<th>PROGRAM/ COURSE</th>
<th>SUBJECT</th>
<th>CATALOG#</th>
<th>CONTACT HOURS</th>
<th>TUITION &amp; FEES</th>
<th>SUPPLIES</th>
<th>EXAM FEES</th>
<th>CAMPUS</th>
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</table>

#### English/Spanish Interpreter Fast Track Certificate

- **Foundational English/Spanish Interpreting**
  - Department: FRNLC
  - Catalog#: 2109142
  - Contact Hours: 96
  - Tuition & Fees: $1,571
  - Supplies: Pre-Assessment fee $25

- **English/Spanish Interpreting in Medical Settings**
  - Department: FRNLC
  - Catalog#: 2109144
  - Contact Hours: 48
  - Tuition & Fees: $803

- **English/Spanish Interpreting in Court Settings**
  - Department: FRNLC
  - Catalog#: 2109145
  - Contact Hours: 72
  - Tuition & Fees: $1,187

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<th>SUBJECT</th>
<th>CATALOG#</th>
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<th>SUPPLIES</th>
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<th>CAMPUS</th>
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</table>

- **Tuition and Fees**: $3,561

Prepares for the Judicial Branch Certification Commission (JBCC) Exam & the National Board of Certification for Medical Interpreters oral and written Exams.

#### Personal Trainer Fast Track Certificate

- **Personal Training**
  - Department: FITTC
  - Catalog#: 2103702
  - Contact Hours: 32
  - Tuition & Fees: $536

- **Exercise Science**
  - Department: FITTC
  - Catalog#: 2201301
  - Contact Hours: 48
  - Tuition & Fees: $803

<table>
<thead>
<tr>
<th>PROGRAM/ COURSE</th>
<th>SUBJECT</th>
<th>CATALOG#</th>
<th>CONTACT HOURS</th>
<th>TUITION &amp; FEES</th>
<th>SUPPLIES</th>
<th>EXAM FEES</th>
<th>CAMPUS</th>
</tr>
</thead>
</table>

- **Tuition and Fees**: $1,339


#### Substitute Teacher Fast Track Certificate

- **Substitute Teacher Training**
  - Department: EDTCC
  - Catalog#: 2100201
  - Contact Hours: 12
  - Tuition & Fees: $132

- **Tools for Teaching Module**
  - Department: ATCPCC
  - Catalog#: 7200009
  - Contact Hours: 14
  - Tuition & Fees: $1.50

<table>
<thead>
<tr>
<th>PROGRAM/ COURSE</th>
<th>SUBJECT</th>
<th>CATALOG#</th>
<th>CONTACT HOURS</th>
<th>TUITION &amp; FEES</th>
<th>SUPPLIES</th>
<th>EXAM FEES</th>
<th>CAMPUS</th>
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</thead>
</table>

- **Tuition and Fees**: $282

#### Texas Teacher - Clinical Teaching Track Fast Track Certificate

- **Pedagogy and Professional Responsibilities (PPR)**
  - Department: ATPC 7000062
  - Contact Hours: 108
  - Tuition & Fees: $913
  - Exam fee: Pre-Admissions Exam fee

- **TExES Review: PPR EC-12**
  - Department: ATPC 7200018
  - Contact Hours: 7
  - Tuition & Fees: $105.50

- **Clinical Teaching**
  - Department: ATPC 7000026
  - Contact Hours: 62
  - Tuition & Fees: $1,020

- **Components of Special Education**
  - Department: ATPC 7000027
  - Contact Hours: 48
  - Tuition & Fees: $528

- **Generalist Teacher Prep -or-**
  - Department: ATPC 7000086
  - Contact Hours: 48
  - Tuition & Fees: $528

- **Creating Successful Classrooms**
  - Department: ATPC 7000081
  - Contact Hours: 30
  - Tuition & Fees: $3,094.50

Additional costs required for testing, application, background checks, course materials and textbooks | Prepares for Texas Teacher Certification Exams.

#### Texas Teacher - Internship Track Fast Track Certificate

- **Pedagogy and Professional Responsibilities (PPR)**
  - Department: ATPC 7000062
  - Contact Hours: 108
  - Tuition & Fees: $913

- **TExES Review: PPR EC-12**
  - Department: ATPC 7200018
  - Contact Hours: 7
  - Tuition & Fees: $105.50

- **TCP Internship I**
  - Department: ATPC 7000065
  - Contact Hours: 32
  - Tuition & Fees: $1,020

- **TCP Internship II**
  - Department: ATPC 7000066
  - Contact Hours: 32
  - Tuition & Fees: $1,020

- **Components of Special Education**
  - Department: ATPC 7000027
  - Contact Hours: 48
  - Tuition & Fees: $528

- **Generalist Teacher Prep -or-**
  - Department: ATPC 7000086
  - Contact Hours: 48
  - Tuition & Fees: $528

- **Creating Successful Classrooms**
  - Department: ATPC 7000081
  - Contact Hours: 30
  - Tuition & Fees: $3,094.50

- **Field Experience & Mentor Fee**
  - Contact Hours: 30
  - Tuition & Fees: $500

<table>
<thead>
<tr>
<th>PROGRAM/ COURSE</th>
<th>SUBJECT</th>
<th>CATALOG#</th>
<th>CONTACT HOURS</th>
<th>TUITION &amp; FEES</th>
<th>SUPPLIES</th>
<th>EXAM FEES</th>
<th>CAMPUS</th>
</tr>
</thead>
</table>

- **Tuition and Fees**: $4,614.50

Additional costs required for testing, application, background checks, course materials and textbooks | Prepares for Texas Teacher Certification Exams.
These programs are designed to prepare students for employment; however, individual workforce courses can also be taken for personal enrichment. Students who complete all courses within a program will earn a workforce certificate.

<table>
<thead>
<tr>
<th>PROGRAM/COURSE</th>
<th>SUBJECT</th>
<th>CATALOG#</th>
<th>CONTACT</th>
<th>HOURS</th>
<th>TUITION &amp; FEES</th>
<th>SUPPLIES</th>
<th>EXAM FEES</th>
<th>CAMPUS</th>
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<tbody>
<tr>
<td>Lean Six Sigma Green Belt Fast Track Certification</td>
<td>BMGTC</td>
<td>1109151</td>
<td>57</td>
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<td>Lean Six Sigma Black Belt</td>
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<td>62</td>
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<td>A+ Certification (CompTIA) Preparation</td>
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<td>A+ Certification Training</td>
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<td>Welding Inspector Preparation Part I</td>
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<td>RigPass (IADC) Fast Track Certificate</td>
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<td>RigPass Petroleum Safety &amp; Environmental Hazards</td>
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<tr>
<td>ARTS, HUMANITIES, COMMUNICATION, &amp; DESIGN</td>
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</table>
There are no classes:
January 20 for MLK Holiday,
March 9-15 for Spring Break,
April 10-12 for Spring Holiday,
May 23-25 for Memorial Day,
and July 2-5 for Independence Day.

Web Designer Program
FAST TRACK CERTIFICATE
Length & Cost of Program: 104 Hrs, $1,760

Lone Star College Web Designer Program gives you the foundational skills, experience and connections to thrive in this rapidly growing field. The program is ideal for those wanting to enter the web development responsibilities at work. You will learn core languages and technologies from both the client and server side. You will also learn key non-technical skills like project management to impress employers and succeed in any web development environment. Department consent may be required. Contact the CTE office at a LSC campus to register.

COURSE LISTING:

HTML I, Website Development
TNWC 2105901 32 Contact Hours $536

LSC-University Park
13899 ITNWC 2105901 6001 M 1/6/3 6-10 p.m. UPEW 240 Instruction Type: Hybrid, Internet

Photoshop I for Web
GRPHC 2109107 24 Contact Hours $408

LSC-University Park
13901 GRPHC 2109107 6001 M 2/10/24 6-10 p.m. UPEW 240 Instruction Type: Hybrid, Internet

WordPress I
ITSEC 2109151 24 Contact Hours $408

LSC-University Park
13903 ITSEC 2109151 6001 M 3/23/23 6-10 p.m. UPEW 240 Instruction Type: Hybrid, Internet

Photoshop II for Web
GRPHC 2109108 24 Contact Hours $408

LSC-University Park
13905 GRPHC 2109108 6001 M 3/30/13 6-10 p.m. UPEW 240 Instruction Type: Hybrid, Internet

Web Developer Program
FAST TRACK CERTIFICATE
Length & Cost of Program: 168 Hrs, $2,856

The core skills you learn can be immediately applied so you will be able to succeed in almost any web developer environment. You will walk away with a clear understanding of the language and have the skills to achieve your goals and advance your career. Department consent may be required. Contact the CTE office at a LSC campus to register.

Prerequisites:

HTML I, Website Development ITNWC 2105901
Photoshop I for Web GRPHC 2109107
WordPress I ITSEC 2109151
(Plus courses listed below)

COURSE LISTING:

HTML II, Website Development (Advanced)
ITNWC 2203600 24 Contact Hours $408

LSC-Montgomery
14272 ITNWC 2203600 4001 T 1/21/21 6-10 p.m. MCE E203 Instruction Type: Hybrid, Internet
LSC-University Park
13906 ITNWC 2203600 6001 M 4/20/4 6-10 p.m. UPEW 240 Instruction Type: Hybrid, Internet

WordPress II
ITSEC 2109150 32 Contact Hours $536

LSC-Montgomery
14277 ITSEC 2109150 4001 T 2/18/3 6-10 p.m. MCE E203 Instruction Type: Hybrid, Internet
LSC-University Park
1326 ITSEC 2109150 6001 M 5/11/6 6-10 p.m. UPEW 240 Instruction Type: Hybrid, Internet

Designing Effective Websites
ARTCC 2100000 16 Contact Hours $280

LSC-Montgomery
14280 ARTCC 2100000 4001 T 3/17/24 6-10 p.m. MCE E203 Instruction Type: Hybrid, Internet
LSC-University Park
1327 ARTCC 2100000 6001 M 6/15/6 6-10 p.m. UPEW 240 Instruction Type: Hybrid, Internet

SEO: Analytics and Tracking
ITNWC 2109100 16 Contact Hours $280

LSC-Montgomery
14282 ITNWC 2109100 4001 T 3/31/7 6-10 p.m. MCE E203 Instruction Type: Hybrid, Internet
LSC-University Park
1329 ITNWC 2109100 6001 MSu 6/28/15 Instruction Type: Online

A $21 Infrastructure fee per semester applies to all students.
ADDITIONAL COURSES:

Photoshop I
ITSWC 2100302 16 Contact Hours $280

LSC-Kingwood Campus
14055 ITSC 2100302 2001 Msu 1/15/215
14060 ITSC 2100302 2002 Msu 2/15/215
14064 ITSC 2100302 2003 Msu 3/15/215
14067 ITSC 2100302 2004 Msu 4/15/215
1309 ITSC 2100302 2001 Msu 5/15/215
1311 ITSC 2100302 2002 Msu 6/15/215
1312 ITSC 2100302 2003 Msu 7/15/215
1314 ITSC 2100302 2004 Msu 8/15/215

Department consent required. Contact the CTE office at a LSC campus to register. Classes start on the 15th of each month and are four weeks in duration. Students must have access to the Internet, an email account, and current version of the software being studied. Scan and e-mail the completed registration form to LSCKCE@LoneStar.edu. Call 281.312.1660 for more information. Instruction Type: Online

Web Page Creation-Online
IMEDC 2100201 32 Contact Hours $536

LSC-Kingwood
14145 IMEDC 2100201 2001 Msu 1/15/26
14146 IMEDC 2100201 2002 Msu 2/15/26
14147 IMEDC 2100201 2003 Msu 3/15/26
14148 IMEDC 2100201 2004 Msu 4/15/26
1359 IMEDC 2100201 2001 Msu 5/15/26
1360 IMEDC 2100201 2002 Msu 6/15/26
1361 IMEDC 2100201 2003 Msu 7/15/26
1362 IMEDC 2100201 2004 Msu 8/15/26

Classes start on the 15th of each month and are six weeks in duration. Students must have access to the Internet, an email account, and courseware. Scan and e-mail the completed registration form to LSCKCE@LoneStar.edu. Call 281.312.1660 for more information. Instruction Type: Online

Are you interested in Art, Humanities, Communication & Design, but don’t see your campus course information?

Check out our website at LoneStar.edu/Programs.

Web Designer/ Web Developer Career Options
Median wage: $44,210

Representative career titles and job positions for this program plan include:

- Web Designer/Developer
- User Interface (UI) Designer
- Front-End Developer

Gainful Employment

The U.S. Department of Education requires colleges to disclose a variety of information for any financial aid eligible program that “prepares students for gainful employment in a recognized occupation.”

Footnotes
2. Position titles vary by employer and location.

See page 4 for more career options.
BUSINESS & PROFESSIONAL SERVICES
# Accounting Assistant/Bookkeeper Program

**FAST TRACK CERTIFICATE**

**Length & Cost of Program: 112 Hrs, $1,936**

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 accounting assistant. Training includes computer fundamentals, beginning and intermediate Excel spreadsheet training, accounting functions and accounting assistant. Training includes computer fundamentals, beginning and intermediate Excel spreadsheet training, accounting functions and accounting assistant.

## COURSE LISTING:

### Accounting, Office I

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Campus</th>
<th>Credits</th>
<th>Days</th>
<th>Start Date</th>
<th>End Date</th>
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<tbody>
<tr>
<td>ACNTC</td>
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<td>24 Contact Hours</td>
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### LSC-CyFair

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<th>Course</th>
<th>Code</th>
<th>Campus</th>
<th>Credits</th>
<th>Days</th>
<th>Start Date</th>
<th>End Date</th>
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<td>ACNTC 2100106</td>
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<td>TTh</td>
<td>6-10 p.m.</td>
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<tr>
<td>1429</td>
<td>ACNTC 2100106</td>
<td>5001</td>
<td>5/19/14</td>
<td>TTh</td>
<td>6-10 p.m.</td>
<td></td>
</tr>
</tbody>
</table>

### LSC-East Aldine Center

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Campus</th>
<th>Credits</th>
<th>Days</th>
<th>Start Date</th>
<th>End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>13849</td>
<td>ACNTC 2100106</td>
<td>L001</td>
<td>2/11/10</td>
<td>TTh</td>
<td>6-10 p.m.</td>
<td></td>
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<tr>
<td>1448</td>
<td>ACNTC 2100106</td>
<td>L001</td>
<td>6/30/14</td>
<td>TTh</td>
<td>6-10 p.m.</td>
<td></td>
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</table>

### LSC-Kingwood

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Campus</th>
<th>Credits</th>
<th>Days</th>
<th>Start Date</th>
<th>End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>13829</td>
<td>ACNTC 2100106</td>
<td>2001</td>
<td>1/15/12</td>
<td>MSu</td>
<td>6-10 p.m.</td>
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</tr>
<tr>
<td>13831</td>
<td>ACNTC 2100106</td>
<td>2002</td>
<td>2/15/12</td>
<td>MSu</td>
<td>6-10 p.m.</td>
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<tr>
<td>13833</td>
<td>ACNTC 2100106</td>
<td>2003</td>
<td>3/15/12</td>
<td>MSu</td>
<td>6-10 p.m.</td>
<td></td>
</tr>
<tr>
<td>13835</td>
<td>ACNTC 2100106</td>
<td>2004</td>
<td>4/15/12</td>
<td>MSu</td>
<td>6-10 p.m.</td>
<td></td>
</tr>
</tbody>
</table>

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

### LSC-Montgomery

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Campus</th>
<th>Credits</th>
<th>Days</th>
<th>Start Date</th>
<th>End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>14263</td>
<td>ACNTC 2104201</td>
<td>4001</td>
<td>2/13/12</td>
<td>MW</td>
<td>6-10 p.m.</td>
<td></td>
</tr>
<tr>
<td>13887</td>
<td>ACNTC 2104201</td>
<td>1001</td>
<td>2/25/13</td>
<td>TTh</td>
<td>6-10 p.m.</td>
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<tr>
<td>1455</td>
<td>ACNTC 2104201</td>
<td>1001</td>
<td>6/30/13</td>
<td>TTh</td>
<td>6-10 p.m.</td>
<td></td>
</tr>
</tbody>
</table>

### LSC-Conroe Center

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Campus</th>
<th>Credits</th>
<th>Days</th>
<th>Start Date</th>
<th>End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>14510</td>
<td>ITSWC 2102224</td>
<td>C001</td>
<td>113/13</td>
<td>TTh</td>
<td>6:30-8:30 p.m.</td>
<td></td>
</tr>
</tbody>
</table>

### LSC-CyFair

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Campus</th>
<th>Credits</th>
<th>Days</th>
<th>Start Date</th>
<th>End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>14051</td>
<td>ITSWC 2102224</td>
<td>5002</td>
<td>1/8/14</td>
<td>MW</td>
<td>8 a.m.-5 p.m.</td>
<td></td>
</tr>
<tr>
<td>1444</td>
<td>ITSWC 2102224</td>
<td>5001</td>
<td>7/20/14</td>
<td>TTh</td>
<td>6-10 p.m.</td>
<td></td>
</tr>
</tbody>
</table>

### LSC-East Aldine Center

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Campus</th>
<th>Credits</th>
<th>Days</th>
<th>Start Date</th>
<th>End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>13845</td>
<td>ITSWC 2102224</td>
<td>L001</td>
<td>1/27/14</td>
<td>TTh</td>
<td>6-10 p.m.</td>
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</tr>
<tr>
<td>1446</td>
<td>ITSWC 2102224</td>
<td>L001</td>
<td>6/15/14</td>
<td>TTh</td>
<td>6-10 p.m.</td>
<td></td>
</tr>
</tbody>
</table>

A $21 Infrastructure fee per semester applies to all students.
Classes start on the 15th of each month and are four weeks in duration. Student must have access to the Internet, an email account, and the current version of the software being studied. An electronic textbook and other course materials are required. An additional fee is payable to the publisher for access to these materials. Scan and e-mail the completed registration form to LSCKCE@LoneStar.edu. Call 281.312.1660 for more information. Instruction Type: Online

LSC-Montgomery
14264 ITSWC 2102224 4001 MW 3/16/3/25 9 a.m.-1 p.m. MCE E204

LSC-North Harris
13872 ITS WC 2102224 1001 M-Th 1/27/1/30 6-10 p.m. DTEC 102
1452 ITS WC 2102224 1001 M-Th 6/16/6 6-10 p.m. DTEC 102

LSC-Tomball
13939 ITS WC 2102224 3002 TTh 4/24/4/30 9 a.m.-1 p.m. E 160
1257 ITS WC 2102224 3001 M-Th 5/18/5/21 6-10 p.m. E 160

LSC-University Park
13316 ITS WC 2102224 6001 Sa 2/22/2/29 9 a.m.-1 p.m. UPEWI 210

Instruction Type: Hybrid, Internet

Excel II
ITSWC 2104606 16 Contact Hours $280

LSC-CyFair
14052 ITS WC 2104606 5002 Sa 2/1/2/8 8 a.m.-5 p.m. DTEC 102
1445 ITS WC 2104606 5001 MW 8/38/12 6-10 p.m.

LSC-East Aldine Center
13848 ITS WC 2104606 1001 M-Th 2/32/6 6-10 p.m. DTEC 102
1447 ITS WC 2104606 1001 M-Th 6/22/6/25 6-10 p.m.

LSC-Kingwood
1398 ITS WC 2104606 2001 M-Th 27/4/4/15 6-10 p.m.
1399 ITS WC 2104606 2002 M-Th 2/31/5/15 6-10 p.m.
1399 ITS WC 2104606 2003 M-Th 3/15/4/15 6-10 p.m.
1399 ITS WC 2104606 2004 M-Th 4/15/5/15 6-10 p.m.
1422 ITS WC 2104606 2001 M-Th 5/18/5/15 6-10 p.m.
1423 ITS WC 2104606 2002 M-Th 6/15/7/15 6-10 p.m.
1424 ITS WC 2104606 2003 M-Th 7/18/5/15 6-10 p.m.
1425 ITS WC 2104606 2004 M-Th 8/15/9/15 6-10 p.m.

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

LSC-Montgomery
14265 ITS WC 2104606 4001 MW 3/30/4/8 6-10 p.m. MCE E204

LSC-North Harris
13873 ITS WC 2104606 1001 M-Th 2/22/6 6-9 p.m. DTEC 102
1453 ITS WC 2104606 1001 M-Th 6/66/11 6-10 p.m. DTEC 102

LSC-Tomball
13941 ITS WC 2104606 3002 TTh 5/5/5/1 9 a.m.-1 p.m. E 160
1258 ITS WC 2104606 3001 M-Th 5/26/6/1 9 a.m.-1 p.m. E 160

LSC-University Park
13317 ITS WC 2104606 6001 Sa 3/3/3/21 9 a.m.-1 p.m. UPEWI 210

Instruction Type: Hybrid, Internet

QuickBooks I
ACNTC 2101002 16 Contact Hours $280

LSC-CyFair
14047 ACNTC 2101002 5002 TTh 2/25/3/5 6-10 p.m.
1431 ACNTC 2101002 5001 TTh 6/30/7/14 6-10 p.m.

LSC-East Aldine Center
13853 ACNTC 2101002 1001 M-Th 3/16/3/19 6-10 p.m.
1450 ACNTC 2101002 1001 M-Th 8/3/8/6 6-10 p.m.

LSC-Kingwood
14113 ACNTC 2101002 2001 M-Th 1/15/2/15
14111 ACNTC 2101002 2002 M-Th 2/15/3/15
14115 ACNTC 2101002 2003 M-Th 3/15/4/15
14116 ACNTC 2101002 2004 M-Th 4/15/5/15
1340 ACNTC 2101002 2001 M-Th 5/15/6/15
1341 ACNTC 2101002 2002 M-Th 6/15/7/15
1342 ACNTC 2101002 2003 M-Th 7/15/8/15
1343 ACNTC 2101002 2004 M-Th 8/15/9/15

Classes start on the 15th of each month and are four weeks in duration. Student must have access to the Internet, an email account, and courseware. Scan and e-mail the completed registration form to LSCKCE@LoneStar.edu. Call 281.312.1660 for more information. Instruction Type: Online

LSC-Montgomery
14267 ACNTC 2101002 4001 MW 4/13/4/22 6-10 p.m. MCE E204

LSC-North Harris
13878 ACNTC 2101002 1001 M-Th 3/16/3/19 6-10 p.m. DTEC 102
1456 ACNTC 2101002 1001 M-Th 7/22/7/23 6-10 p.m. DTEC 102

LSC-Tomball
13897 ACNTC 2101002 3002 MW 3/16/3/25 9 a.m.-1 p.m. E 182
1261 ACNTC 2101002 3001 MW 7/27/8/5 6-10 p.m. E 160

LSC-University Park
13318 ACNTC 2101002 6001 Sa 3/3/4/3 9 a.m.-1 p.m. UPEWI 210

Instruction Type: Hybrid, Internet

Accounting Assistant/Bookkeeper Career Options
Entry-level wage: $27,4541

Representative career titles and job positions for this program plan include:

- **Payroll Assistant**2

Gainful Employment

The U.S. Department of Education requires colleges to disclose a variety of information for any financial aid eligible program that “prepares students for gainful employment in a recognized occupation.”

Footnotes
2. Position titles vary by employer and location.

See page 4 for more career options.
Payroll Assistant Program

**FAST TRACK CERTIFICATE**

Length & Cost of Program: 160 Hrs, $2,752

The payroll assistant often ensures that employee payroll files are up-to-date and accurate, entering any changes into the system. When an employee has a change in status, such as adding or subtracting dependents, or submits a new W-4 withholding form, you’ll record that information and verify that the payroll system is updated. Check copies, financial reports and other records need to be accurately and securely filed away on a regular basis. Department consent may be required. Contact the CTE office at a LSC campus to register.

**Prerequisites:**
- Accounting, Office I ACNTC 2100106
- Accounting, Office II ACNTC 2104201
- Excel I ITSWC 2102224
- Excel II ITSWC 2104606
- QuickBooks I ACNTC 2101002
- QuickBooks II ACNTC 2105402

(Plus courses listed below)

**COURSE LISTING:**

**Payroll Accounting I**

<table>
<thead>
<tr>
<th>Institution</th>
<th>Course</th>
<th>Credits</th>
<th>Hours</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>LSC-CyFair</td>
<td>2101511</td>
<td>24</td>
<td>6-10 p.m.</td>
<td>$408</td>
</tr>
<tr>
<td>LSC-Montgomery</td>
<td>2101511</td>
<td>24</td>
<td>6-10 p.m.</td>
<td>$408</td>
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<tr>
<td>LSC-North Harris</td>
<td>2101511</td>
<td>24</td>
<td>6-10 p.m.</td>
<td>$408</td>
</tr>
<tr>
<td>LSC-Tomball</td>
<td>2101511</td>
<td>24</td>
<td>6-10 p.m.</td>
<td>$408</td>
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<tr>
<td>LSC-University Park</td>
<td>2101511</td>
<td>24</td>
<td>6-10 p.m.</td>
<td>$408</td>
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</table>

**Payroll Accounting II**

<table>
<thead>
<tr>
<th>Institution</th>
<th>Course</th>
<th>Credits</th>
<th>Hours</th>
<th>Fee</th>
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<tbody>
<tr>
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<td>24</td>
<td>6-10 p.m.</td>
<td>$408</td>
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<td>2109112</td>
<td>24</td>
<td>6-10 p.m.</td>
<td>$408</td>
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<tr>
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<td>2109112</td>
<td>24</td>
<td>6-10 p.m.</td>
<td>$408</td>
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<td>LSC-Tomball</td>
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<td>24</td>
<td>6-10 p.m.</td>
<td>$408</td>
</tr>
<tr>
<td>LSC-University Park</td>
<td>2109112</td>
<td>24</td>
<td>6-10 p.m.</td>
<td>$408</td>
</tr>
</tbody>
</table>

Do you have Financial Aid questions?

Call 281.290.2700, email FACC@LoneStar.edu, or Chat online Mon-Thurs: 7:30 a.m.-7 p.m. and Fri: 7:30 a.m.-5 p.m.
Payroll Professional Program

FAST TRACK CERTIFICATE
Length & Cost of Program: 66 Hrs, $850

This comprehensive program will give you a solid understanding of advanced payroll topics necessary for payroll managers and supervisors. You receive live classroom instruction, textbooks and access to interactive online games and applications to reinforce the topics you've learned. Department consent may be required. Contact the CTE office at a LSC campus to register.

COURSE LISTING:
Pay Train Level I
ACNTC 2109108 30 Contact Hours $400
LSC-Tomball 1403 ACNTC 2109108 3002 Sa 2/153/21 9 a.m.-3 p.m. E 182
Pay Train Level II
ACNTC 2109107 36 Contact Hours $450
LSC-Tomball 1404 ACNTC 2109107 3002 Sa 3/285/9 9 a.m.-3 p.m. E 182

Lean Six Sigma Green Belt Supervision

FAST TRACK CERTIFICATE
Length & Cost of Program: 57 Hrs, $1,935

Green belts are skilled team players and their aim is to improve process quality. They help to bridge the gap between the Six Sigma theory and real-world application. Six Sigma Green Belt candidates play a vital role in improving the process, data inspection or Project Management. Department consent may be required. Contact the CTE office at a LSC campus to register.

COURSE LISTING:
Lean Six Sigma Green Belt Certification
BMGT C 1109151 57 Contact Hours $1,935
LSC-CyFair 12972 BMGT C 1109151 5101 MW 1/133/25 6:309:30 p.m. WWP 226
Instruction Type: Hybrid, Internet
1535 BMGT C 1109151 5101 MW 4/204/24 6:309:30 p.m. WWP 226
LSC-University Park 12971 BMGT C 1109151 6101 MW 1/133/25 6:309:30 p.m. UP-EWI 210
Instruction Type: Hybrid, Internet
1534 BMGT C 1109151 1101 MW 4/204/24 6:309:30 p.m. UP-EWI 210

Lean Six Sigma Black Belt Supervision

FAST TRACK CERTIFICATE
Length & Cost of Program: 62 Hrs, $2,105

The Lean Six Sigma Black Belt is a professional who is well versed in the Lean Six Sigma Methodology, who leads complex improvement projects, typically in a full-time capacity. A Lean Six Sigma Black Belt possesses a thorough understanding of all aspects of the Lean Six Sigma Method including a high-level of competence in the subject matters contained within the phases of Define, Measure, Analyze, Improve and Control (DMAIC) as defined by the Lean Six Sigma Black Belt Body of Knowledge. A Lean Six Sigma Black Belt understands how to implement, perform, interpret and apply Lean Six Sigma at an advanced level of proficiency. Department consent required. Contact the CTE office at a LSC campus to register.

COURSE LISTING:
Lean Six Sigma Black Belt Certification
BMGT C 1109150 62 Contact Hours $2,105
LSC-CyFair 12922 BMGT C 1109150 5101 TTh 1/214/7 6:309:30 p.m. WWP 226
Instruction Type: Hybrid, Internet
1537 BMGT C 1109150 1101 TTh 5/127/23 6:309:30 p.m. WWP 226
LSC-University Park 12911 BMGT C 1109150 6101 TTh 1/214/7 6:309:30 p.m. UP-EWI 220
Instruction Type: Hybrid, Internet
1536 BMGT C 1109150 1101 TTh 5/127/23 6:309:30 p.m. UP-EWI 220

Leadership Skills for New Supervisors

FAST TRACK CERTIFICATE
Length & Cost of Program: 32 Hrs, $960

This course is designed to provide new and current supervisors with effective strategies for managing and developing their employees. Much of the program will be focused on developing positive working relationships, improved communication, and targeted employee improvement processes. It is also designed to help the supervisor identify his or her own strengths, attitudes, and leadership approach. Department consent required. Contact the CTE office at a LSC campus to register.

COURSE LISTING:
Leadership Skills for New Supervisors
BMGT C 1101006 32 Contact Hours $960
LSC-CyFair 12875 BMGT C 1101006 5101 F 1/173/6 8 a.m.-12 p.m. WWP 226
12883 BMGT C 1101006 5102 F 3/205/15 1-5 p.m. WWP 226
1532 BMGT C 1101006 5101 F 6/57/31 8 a.m.-12 p.m. WWP 226
LSC-Montgomery 12898 BMGT C 1101006 4101 F 4/176/5 1-5 p.m. E 204
1533 BMGT C 1101006 4101 F 7/108/28 1-5 p.m. E 204
LSC-University Park 12870 BMGT C 1101006 6101 MW 1/132/10 5:309:30 p.m. UP-EWI 144
12873 BMGT C 1101006 6102 Th 1/282/20 5:309:30 p.m. UP-EWI 144
12877 BMGT C 1101006 6103 MW 2/243/25 5:309:30 p.m. UP-EWI 144
12879 BMGT C 1101006 6104 Th 3/174/9 5:309:30 p.m. UP-EWI 144
1529 BMGT C 1101006 1102 Th 4/215/14 5:309:30 p.m. UP-EWI 144
1528 BMGT C 1101006 1101 MW 5/166/8 5:309:30 p.m. UP-EWI 144
1531 BMGT C 1101006 1104 Th 5/266/18 5:309:30 p.m. UP-EWI 144
1530 BMGT C 1101006 1103 MW 6/227/15 5:309:30 p.m. UP-EWI 144
Leadership Skills for New Supervisors
FAST TRACK CERTIFICATE
Length & Cost of Program: 32 Hrs, $1,566

This course is designed to provide experienced supervisors with effective strategies for managing and developing their employees. The program builds on the required Management Skills for New Supervisors. Much of the program will be focused on developing team relationships, improving departmental and personal productivity, understanding profit and loss, and managerial skills expected of mid-level managers. Department consent required. Contact the CTE office at a LSC campus to register.

COURSE LISTING:
Leadership Skills for Experienced Supervisors
BMGTC 1101007 32 Contact Hours $960
LSC-CyFair
14706 BMGTC 1101007 5101 F 1/173/6 8:30 a.m.-12:30 p.m. WWP 225
14708 BMGTC 1101007 5102 F 2/24/4/24 8:30 a.m.-12:30 p.m. WWP 225
1638 BMGTC 1101007 5101 F 6/5/7/31 8:30 a.m.-12:30 p.m. WWP 225
1639 BMGTC 1101007 5102 F 7/104/8 8:30 a.m.-12:30 p.m. WWP 225
LSC-University Park
14692 BMGTC 1101007 1101 Th 1/14/2/6 5:30 p.m.-9:30 p.m. UPEMI 239
14700 BMGTC 1101007 1102 Th 2/11/3/5 5:30 p.m.-9:30 p.m. UPEMI 239
14703 BMGTC 1101007 1103 Th 3/24/4/16 5:30 p.m.-9:30 p.m. UPEMI 239
1633 BMGTC 1101007 1101 Th 6/26/6/23 5:30 p.m.-9:30 p.m. UPEMI 239
1634 BMGTC 1101007 1102 Th 7/7/7/30 5:30 p.m.-9:30 p.m. UPEMI 239
1636 BMGTC 1101007 1103 Th 8/11/9/3 5:30 p.m.-9:30 p.m. UPEMI 239

Project Management (Project Management Institution) Preparation
FAST TRACK CERTIFICATE
Length & Cost of Program: 35 Hrs, $1,566

This program is designed for project managers, team leaders, product development managers, engineers, marketing professionals, operations professionals, R&D and construction managers, functional and line managers who work with project managers, and team members who manage project tasks and sub-tasks. This program prepares you to take the Project Management Professional® Exam. Department consent required. Contact the CTE office at a LSC campus to register.

COURSE LISTING:
PMP Certification Exam Preparation
BMGXC 5000134 35 Contact Hours $1,566
LSC-CyFair
12974 BMGXC 5000134 5101 MF 3/16/3/20 8 a.m.-5 p.m. WWP 226
Instruction Type: Hybrid, Internet
1542 BMGXC 5000134 5101 MF 7/20/7/24 8 a.m.-5 p.m. WWP 226
LSC-University Park
12975 BMGXC 5000134 6101 MF 2/24/12 8 a.m.-5 p.m. UPEMI 215
Instruction Type: Hybrid, Internet
12975 BMGXC 5000134 6102 MF 4/6/4/10 8 a.m.-5 p.m. UPEMI 215
Instruction Type: Hybrid, Internet
1539 BMGXC 5000134 1101 MF 6/8/6/12 8 a.m.-5 p.m. UPEMI 215
1541 BMGXC 5000134 1102 MF 8/3/8/7 8 a.m.-5 p.m. UPEMI 215

Career & Technical Education
Come and learn about Fast Track Certificates, GED Test preparation courses and English for Speakers of Other Languages (ESOL) classes

INFORMATION SESSIONS
E-163
Noon-1 p.m. | 5-6 p.m.
LSC-Tomball
January 6, 2020
February 3, 2020
March 2, 2020
April 6, 2020
May 4, 2020

Business & Professional Services
FAST TRACK COURSES
These programs prepare you for careers in management and administration in many types of businesses and organizations. The focus in this area of study lends to specific career training for leadership, finance, accounting, business, administrative services, & paralegal services. Department consent may be required. Contact the CTE office at a LSC campus to register.

COURSE LISTING:
Work Skills for the Workplace
BUSGC 2101202 16 Contact Hours $280
LSC-Conroe Center
14430 BUSGC 2101202 C001 MSu 2/18/3/17
Access your online course at LoneStar.edu/LSC-Online. Instruction Type:
LSC-University Park
13320 BUSGC 2101202 6001 MTh 1/6/1/16 8-10 p.m. UPEMI 216
13806 BUSGC 2101202 6002 MTh 3/16/3/26 8-10 p.m.
1316 BUSGC 2101202 6001 MTh 7/13/7/23 8-10 p.m.
COMPUTER/DIGITAL TECHNOLOGY
CompTIA A+ Preparation
FAST TRACK CERTIFICATION
Length & Cost of Program: 96 Hrs, $1,571

This course covers the various responsibilities and tasks required for a computer technician to successfully perform in a customer environment. Coursework prepares students for CompTIA A+ Certification Examinations 220-801 & 220-802. Department consent may be required. Contact the CTE office at a LSC campus to register.

COURSE LISTING:
A+ Certification Preparation
ITSCC 2102520 96 Contact Hours $1,283
LSC-University Park
12202 ITSCC 2102520 6001 T 1/7-3/31 6-10 p.m. UPENI 240
Instruction Type: Hybrid, Internet
12203 ITSCC 2102520 6002 T 4/7-6/3 6-10 p.m. UPENI 240
Instruction Type: Hybrid, Internet
1299 ITSCC 2102520 6001 T 6/30-9/15 6-10 p.m. UPENI 240
Instruction Type: Hybrid, Internet

ADDITIONAL CompTIA COURSES:
Fundamentals of Networking Technologies
ITNWC 2102501 80 Contact Hours $292
LSC-Kingwood
15054 ITNWC 2102501 2801 1/13-5/10
Instruction Type: Online
15055 ITNWC 2102501 2802 1/13-5/10
This course is prep for CompTIA Network+ exam. Students must have access to the Internet. Optional Lab Thursdays 6:30-8:30 p.m. Instruction Type: Online
15081 ITNWC 2102501 2803 1/13-5/10
Instruction Type: Online
15085 ITNWC 2102501 2804 1/13-5/10
This course is prep for CompTIA Network+ exam. Students must have access to the Internet. Optional Lab Thursdays 6:30-8:30 p.m. Instruction Type: Online

Are you interested in Amazon Web Service or Google IT Support certification?
Attend a free information session at the new Lone Star College Westway Park Technology Center and hear how we can help you enter the exciting world of Information Technology.

LoneStar.edu/Google-IT-Support-Professional-Certificate
**CISCO Network Administrator (CCNA) Program**

**FAST TRACK CERTIFICATE**

Length & Cost of Program: 320 Hrs, $1,120

The Cisco Networking Academy teaches students both the fundamentals and advanced techniques of Cisco networking. Through Lone Star College’s Cisco programs, students also learn collaboration and problem-solving skills through hands-on activities and network simulations. Upon completion of these programs, students have the practical knowledge they need to enter the workforce and be successful in a number of global industries. Prepares for the Cisco Certification Exam. Department consent may be required. Contact the CTE office at a LSC campus to register.

**COURSE LISTING:**

**CCNA 1: Introduction to Networks**

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Access your online course at LoneStar.edu/LSC-Online. For more information email Lisa.M.Hall@LoneStar.edu.

**CCNA 2: Routing and Switching Essentials**

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Access your online course at LoneStar.edu/LSC-Online. For more information email Lisa.M.Hall@LoneStar.edu.

**CCNA 3: Scaling Networks**

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Please contact Antonio.D.Lopez@LoneStar.edu for more information. This class requires independent work online.

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**CCNA 4: Connecting Networks**

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Please contact Antonio.D.Lopez@LoneStar.edu for more information. This class requires independent work online.

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</table>

**Lone Star College**

**Career & Technical Education**

Come and learn about Fast Track Certificates, GED Test preparation courses and English for Speakers of Other Languages (ESOL) classes

**INFORMATION SESSIONS**

HSC1 105

Noon-1 p.m. | 5-6 p.m.

**LSC-CyFair**

January 7, 2020 | May 5, 2020
February 4, 2020 | June 2, 2020
March 3, 2020 | July 7, 2020
April 7, 2020

LoneStar.edu/CTE
Computer/Digital Technology

Training in the field of computer and digital technology is a fast-paced world of change and invention. These programs will prepare you for a range of careers in the computer industry, such as network/GIS technician, programmer, developer, analyst, or project manager in areas such as application development, cybersecurity, networking, and programming. Department consent required. Contact the CTE office at a LSC campus to register.

**COURSE LISTING:**

**Access I**

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This is an online class and requires internet access. Proctored testing required. Access your online course at LoneStar.edu/LSC-Online. Instruction Type: Online

**Computer Virtualization**

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Mandatory lab on Wednesday. Students must have access to the Internet. Offered Spring Only.

**Computer Virtualization**

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2nd 8-Week. Microsoft Certified class. Students must have access to the Internet. Offered Spring only. Instruction Type: Hybrid, Internet

**IT Essentials**

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Mandatory lab on Thursday. Students must have access to the Internet. This course is prep for CompTIA A+ certification exam. Instruction Type: Hybrid, Internet

**IT Foundations**

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Mandatory lab on Monday. Students must have access to the Internet. This course is prep for ITIL Certification. Instruction Type: Hybrid, Internet

**Introduction to MySQL**

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This is an online course and requires internet access. Proctored testing required. Access your online course at LoneStar.edu/LSC-Online. Instruction Type: Online

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

Course Listings

Computer/Digital Technology

Register for classes online at LoneStar.edu/CTE

Linux Installation and Configuration

ITSCC 2101600 80 Contact Hours $280

LSC-University Park

15450 ITSCC 2101600 6001 T 1/135/10
Instruction Type: Online

This is an online class and requires internet access. Proctored testing required. Access your online course at LoneStar.edu/LSC-Online. Instruction Type: Online

Microsoft Windows 10 Configuration

ITMTC 2107801 80 Contact Hours $277

LSC-Kingwood

15029 ITMTC 2107801 2001
Instruction Type: Hybrid, Internet

15033 ITMTC 2107801 2002
1st 8-week class. Microsoft Certified class. Students must have access to the Internet. Offered in Spring only. Instruction Type: Hybrid, Internet

Project Management Software

ITSCC 2101501 80 Contact Hours $280

LSC-University Park

15448 ITSCC 2101501 6001 T 1/135/10 10:30-11:25 a.m. UPEM 213
This class requires independent online work and face to face class participation. Internet access is required. Instruction Type: Hybrid, Internet

15449 ITSCC 2101501 6002 T 1/135/10 11:30 a.m.-12:50 p.m. UPEM 213
Instruction Type: Hybrid, Internet

PowerPoint I

ITSWC 2103702 16 Contact Hours $280

LSC-Kingwood

14079 ITSWC 2103702 2001 MSu 1/152/15
14080 ITSWC 2103702 2002 MSu 2/153/15
14082 ITSWC 2103702 2003 MSu 3/154/15
14083 ITSWC 2103702 2004 MSu 4/155/15
1325 ITSWC 2103702 2001 MSu 5/156/15
1328 ITSWC 2103702 2002 MSu 6/157/15
1330 ITSWC 2103702 2003 MSu 7/158/15
1331 ITSWC 2103702 2004 MSu 8/159/15
Classes start on the 15th of each month and are four weeks in duration. Student must have access to the Internet, an email account, and the current version of the software being studied. An electronic textbook and other course materials are required. An additional fee is payable to the publisher for access to these materials. Scan and e-mail the completed registration form to LSCKCE@LoneStar.edu. Call 281.312.1660 for more information. Instruction Type: Online

Word I

POFIC 2102406 16 Contact Hours $280

LSC-Kingwood

14174 POFIC 2102406 2001 MSu 1/152/15
14175 POFIC 2102406 2002 MSu 2/153/15
14176 POFIC 2102406 2003 MSu 3/154/15
14177 POFIC 2102406 2004 MSu 4/155/15
1374 POFIC 2102406 2001 MSu 5/156/15
1377 POFIC 2102406 2002 MSu 6/157/15
1378 POFIC 2102406 2003 MSu 7/158/15
1379 POFIC 2102406 2004 MSu 8/159/15
Classes start on the 15th of each month and are four weeks in duration. Student must have access to the Internet, an email account, and courseware. Scan and e-mail the completed registration form to LSCKCE@LoneStar.edu. Call 281.312.1660 for more information. Instruction Type: Online

Word II

POFIC 2104202 16 Contact Hours $280

LSC-Kingwood

14195 POFIC 2104202 2001 MSu 1/152/15
14196 POFIC 2104202 2002 MSu 2/153/15
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14198 POFIC 2104202 2004 MSu 4/155/15
1382 POFIC 2104202 2001 MSu 5/156/15
1383 POFIC 2104202 2002 MSu 6/157/15
1384 POFIC 2104202 2003 MSu 7/158/15
1385 POFIC 2104202 2004 MSu 8/159/15
Classes start on the 15th of each month and are four weeks in duration. Student must have access to the Internet, an email account, and courseware. Scan and e-mail the completed registration form to LSCKCE@LoneStar.edu. Call 281.312.1660 for more information. Instruction Type: Online

Cybersecurity Career Options

Median Wage: $58,571¹

Representative career titles and job positions for this program plan include:

- Information Security Analyst²

Gainful Employment

The U.S. Department of Education requires colleges to disclose a variety of information for any financial aid eligible program that "prepares students for gainful employment in a recognized occupation.”

Footnotes

2. Position titles vary by employer and location.

See page 4 for more career options.
Jorge Guevara, affectionately called “JD,” is a part-time Career & Technical Education advisor at the LSC-CyFair campus. He has been working with the Career & Technical Education department since June 2017. He is currently working on his Associate of Arts degree at Lone Star College, and has a passion for theater arts, languages and psychology.

When asked what he enjoys most about his job, JD commented, “I enjoy the connections created with the students, I also enjoy that I can use my first language, Spanish, every day that I am here. This job allows me to help students of my community to fulfill their goals and has provided me with multiple skills and space for growth in professional and personal areas of my life.”
### Automotive Technician Program

**FAST TRACK CERTIFICATE**  
**Length & Cost of Program:** 336 Hrs, $1,137

This certification is a survey course in basic automotive maintenance. Once completed, this course may be converted to credit so that the student can take additional automotive courses that lead to an Automotive Technology Associate of Applied Science (AAS) degree. Department consent may be required. Contact the CTE office at a LSC campus to register.

**COURSE LISTING:**

<table>
<thead>
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<th>Course Title</th>
<th>Credit Hours</th>
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<th>Location</th>
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Are you interested in taking the next level of the Automotive Technician Program, but don’t see your campus course information?  
For more information, visit LoneStar.edu/General-Automotive-Service-Technician-Certificate.

Linked with a credit course. See page 93 for requirements.

### DOT CDL, Professional Truck Driving Program

**FAST TRACK CERTIFICATE**  
**Length & Cost of Program:** 240 Hrs, $3,969

An individual successfully completing this program should have the ability to safely operate a tractor-trailer on the nation’s highways. It should be expected that a graduate of the program would train with a motor carrier for a short period of time to improve basic proficiency and gain employer related skills. The objective of the Professional Truck Driver program is to provide an applicant with the basic knowledge and skills in preparation for successfully completing the Commercial Driver’s License (CDL) exam. Department consent required. Contact the CTE office at a LSC campus to register.

**COURSE LISTING:**

<table>
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<tr>
<th>Course Code</th>
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<th>Credit Hours</th>
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<th>Days</th>
<th>Times</th>
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Spring & Summer 2020 Non-Credit Course Catalog and Schedule 39
### Commercial Drivers License Exam Preparation

**CVOC 2101502**  
8 Contact Hours  
$152

Check LSC-North Harris, Transportation Institute course offerings for class schedule.

### Stevens Transport CDL, Truck Driving Program

**FAST TRACK CERTIFICATE**

Length & Cost of Program: 136 Hrs, $ Custom

Professional truck driving training provided by Lone Star College in partnership with Stevens Transport. Stevens Training program at Lone Star College is recognized as one of the very best programs in the trucking industry. This fast-track accelerated training will prepare applicants to successfully complete Commercial Drivers License Training and receive your CDL. Department consent required. Contact Ken Kral to make your appointment today. Call 281.290.3773 for more information.

### COURSE LISTING:

#### Professional Truck Driver: Classroom

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#### Professional Truck Driver: Road Skills

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Register for classes online at LoneStar.edu/CTE
ADDITIONAL COURSES:

**Drone Training**

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| LSC-University Park |
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| 14748 AIRPC | 1109102 | 1102 Sa 2/1 | 8 a.m.-5 p.m. |
| 14750 AIRPC | 1109102 | 1103 Sa 2/15 | 8 a.m.-5 p.m. |
| 14751 AIRPC | 1109102 | 1104 M 2/17 | 8 a.m.-5 p.m. |
| 14753 AIRPC | 1109102 | 4105 W 3/4 | 8 a.m.-5 p.m. |
| 14760 AIRPC | 1109102 | 1107 Sa 3/21 | 8 a.m.-5 p.m. |
| 14757 AIRPC | 1109102 | 1106 Sa 4/4 | 8 a.m.-5 p.m. |
| 14762 AIRPC | 1109102 | 1108 W 4/8 | 8 a.m.-5 p.m. |

**AutoCAD Draftsman Program**

**FAST TRACK CERTIFICATE**

**Length & Cost of Program:** 96 Hrs, $1,608

This certification will prepare you for entry-level employment opportunities in drafting and design. The AutoCAD Draftsman certificate involves hands-on training with AutoDesk, one of the most popular computerized drafting applications used in manufacturing and construction. Department consent may be required. Contact the CTE office at a LSC campus to register.

**COURSE LISTING:**

**AutoCAD, Introduction**

| DFTGC | 2101401 | 32 Contact Hours | $536 |

**LSC-CyFair**

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**There are no classes:**

January 20 for MLK Holiday,
March 9-15 for Spring Break,
April 10-12 for Spring Holiday,
May 23-25 for Memorial Day,
and July 2-5 for Independence Day.
### AutoCAD, Intermediate

**DFTGC 1105000**  
32 Contact Hours  
$536

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### AutoCAD, Advanced

**DFTGC 1200400**  
32 Contact Hours  
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### SolidWorks Designer Program

**FAST TRACK CERTIFICATE**  
Length & Cost of Program: 60 Hrs, $1,008

This program addresses training in the design software SolidWorks. SolidWorks is a 3D mechanical CAD (computer-aided design) program that runs on Microsoft Windows. Department consent may be required. Contact the CTE office at a LSC campus to register.

### COURSE LISTING:

#### SolidWorks I

**DFTGC 2109120**  
30 Contact Hours  
$504

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#### SolidWorks II

**DFTGC 1109101**  
30 Contact Hours  
$504

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### ADDITIONAL COURSES:

#### SolidWorks III

**DFTGC 1109103**  
30 Contact Hours  
$504

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Register for classes online at LoneStar.edu/CTE
Engineering Design Technology

FAST TRACK COURSES

These courses will prepare you for entry-level employment opportunities in drafting and design. Department consent may be required. Contact the CTE office at a LSC campus to register.

COURSE LISTING:

AutoDesk Inventor
DFTGC 2109122 48 Contact Hours $803
LSC-CyFair
14223 DFTGC 2109122 5001 M, Tu, Th, F 3/16-5/10
Instruction Type: Online

Drafting and Design Technology REVIT
DFTGC 2109114 40 Contact Hours $664
LSC-CyFair
14222 DFTGC 2109114 5001 W 4/21-5/21 6-10 p.m.
Instruction Type: Hybrid, Internet

Industrial Automation
INMTC 2101700 80 Contact Hours $365
LSC-University Park
15444 INMTC 2101700 6001 MW 1/13-3/8 1:30-3:20 p.m.
UP-EMI 231
15446 INMTC 2101700 6002 MW 1/13-3/8 5-6 p.m.
UP-EMI 231

Electrical Technology

FAST TRACK COURSES

At LSC-Creekside Center, specialized electrician courses are offered that emphasize application more than theoretical development. The courses complement on-the-job training and mirror real world situations by providing classroom studies with hands-on applications in high-tech laboratories. Department consent may be required. Contact the CTE office at a LSC campus to register.

COURSE LISTING:

Electrical Calculations I
ELPTC 2101501 48 Contact Hours $325
LSC-Creekside Center
15245 ELPTC 2101501 KE301 3/16-5/10
For more information contact Antonius.L.Bom@LoneStar.edu.

Electrical Safety and Tools, Introduction
ELPTC 2102101 64 Contact Hours $277
LSC-Creekside Center
15246 ELPTC 2102101 KH01 MW 1/13-3/8 6:30 pm-8:20 pm
CS 142
Instruction Type: Hybrid, Internet
15247 ELPTC 2102101 KH02 MW 1/13-3/8 8:30 pm-9:20 pm
CS 142

Need customized courses or on-site degree plans?

We do that, too!
Visit LoneStar.edu/CorporateCollege/Customized-Technical-Training.
COURSE LISTING:

Oil and Gas, Introduction

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Fieldhand/Roustabout (IADC Gateway) Program

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Drilling/Rig Floor Core Skills

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IADC RigPass® Petroleum Safety & Environmental Hazards

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IADC WellSharp®

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Mechanical Skills, Basic

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Designed to meet the oil and gas industry's need for an educated and prepared workforce, Lone Star College is now offering an Oil and Gas Drilling Floorhand Roustabout program. Classroom and lab training will provide entry-level knowledge and skills needed for workers in the drilling and exploration sector of the oil and gas industry. Upon successful completion of the Floorhand Roustabout program four nationally recognized certifications will be provided by the International Association of Drilling Contractors (IADC®). Department consent may be required. Contact the CTE office at a LSC campus to register.
Pre-Apprentice Mechatronics Program
FAST TRACK CERTIFICATE
Length & Cost of Program: 260 Hrs, $4,361

Mechatronics Pre-Apprentice fast-track certificate provides training in this program that relates to the design of systems, devices and products aimed at achieving an optimal balance between basic mechanical structure and its overall control. While working in a hands-on environment students will discover each application in this field. Department consent required. Contact the CTE office at a LSC campus to register.

COURSE LISTING:
Introduction to Manufacturing for Mechatronics
INMTC 1109136 12 Contact Hours $216
LSC-University Park
16499 INMTC 1109136 6101 MTh 1/13/3/8 8 a.m.-5 p.m.
16516 INMTC 1109136 6102 MTh 4/6/7 8 a.m.-5 p.m.

Industrial Maintenance for Mechatronics
INMTC 1100505 80 Contact Hours $1,315
LSC-University Park
16500 INMTC 1100505 6101 W 1/15/1/29 8 a.m.-5 p.m.
16519 INMTC 1100505 6102 W 4/8/22 8 a.m.-5 p.m.

Mechanical Skills, Basic
ENERC 1103002 48 Contact Hours $803
LSC-University Park
16503 ENERC 1103002 6101 MTh 1/30/6 8 a.m.-5 p.m.
16521 ENERC 1103002 6102 Th 4/6/22 8 a.m.-5 p.m.

Electrical/Electronics and Hardware
IEIRC 1102003 48 Contact Hours $803
LSC-University Park
16507 IEIRC 1102003 6101 F 2/12/14 8 a.m.-5 p.m.
16522 IEIRC 1102003 6102 F 5/15/8 8 a.m.-5 p.m.

Work Skills for the Workplace
BUSGC 1101200 16 Contact Hours $280
LSC-University Park
16523 BUSGC 1101200 6105 MTh 5/11/5/12 8 a.m.-5 p.m.

Programmable Logical Controllers for Mechatronics
ELPTC 1100308 40 Contact Hours $664
LSC-University Park
16515 ELPTC 1100308 6101 MF 2/21/2/27 8 a.m.-5 p.m.
1684 ELPTC 1100308 6001 F 5/15/5/21 8 a.m.-5 p.m.

Quality Control for Mechatronics
BMGTC 1102405 16 Contact Hours $280
LSC-University Park
16512 BMGTC 1102405 6101 Wh 2/19/2/20 8 a.m.-5 p.m.
16524 BMGTC 1102405 6102 WTh 5/13/5/14 8 a.m.-5 p.m.

ADDITIONAL COURSES:
Programmable Controllers
RBTC CC 2100101 96 Contact Hours $341
LSC-University Park
15463 RBTC CC 2100101 6001 MTh 1/13/3/8 12:30:1:50 p.m.
15464 RBTC CC 2100101 6002 MTh 1/13/3/8 2:30:2:30 p.m.

Machine Tool Operator (CNC) Program
FAST TRACK COURSES
Length & Cost of Program: 384 Hrs, $6,447

The CNC Milling and / or CNC Turning Level 1 certifications that can be obtained from NIMS focus on programming Machining and Turning Centers. This combination of courses contributes to a safe and productive environment for the trainee to develop the skills necessary for an apprentice position in the machining industry. Department consent required. Contact the CTE office at a LSC campus to register.

COURSE LISTING:
Basic Machine Shop I
MCHNC 2103806 80 Contact Hours $1,315
LSC-University Park
13330 MCHNC 2103806 6001 MTh 2/3/3/2 6:10 p.m.
13814 MCHNC 2103806 6002 MTh 3/30/3/30 6:10 p.m.

Blueprint Reading and Sketching
DFTGC 2102506 48 Contact Hours $872
LSC-University Park
13804 DFTGC 2102506 6001 Th 1/14/2/0 8:10 p.m.
1315 DFTGC 2102506 6001 Th 5/12/6/18 8:10 p.m.

Machine Shop Mathematics
MCHNC 2104304 64 Contact Hours $1,059
LSC-University Park
13801 MCHNC 2104304 6001 Th 1/14/3/5 6:14 p.m.
1313 MCHNC 2104304 6001 Th 5/12/7/9 6:18 p.m.

Work Skills for the Workplace
BUSGC 2101202 16 Contact Hours $280
LSC-Conroe Center
14430 BUSGC 2101202 6001 MTh 2/18/3/17 Access your online course at LoneStar.edu/LSC-Online. Instruction Type: Online
LSC-University Park
13328 BUSGC 2101202 6001 MTh 1/6/1/6 8:10 p.m.
13806 BUSGC 2101202 6002 MTh 3/16/3/26 8:10 p.m.
1316 BUSGC 2101202 6001 MTh 7/13/7/23 8:10 p.m.

Spring & Summer 2020 Non-Credit Course Catalog and Schedule 45


CNC Machine Controls, Fundamentals
MCHNC 2200301  48 Contact Hours  $803
LSC-University Park
13790 MCHNC 2200301 6001 M-Th 3/16/22 6-10 p.m.
13817 MCHNC 2200301 6002 M-Th 5/4/22 6-10 p.m.

Operation of CNC Machining Centers
MCHNC 2203403  64 Contact Hours  $1,059
LSC-University Park
13798 MCHNC 2203403 6001 M-Th 5/4/22 6-10 p.m.
1310 MCHNC 2203403 6001 M-Th 7/6/23 6-10 p.m.

Operation of CNC Turning Centers
MCHNC 2203102  64 Contact Hours  $1,059
LSC-University Park
13794 MCHNC 2203102 6001 M-Th 4/6/22 6-10 p.m.
1308 MCHNC 2203102 6001 M-Th 6/16/22 6-10 p.m.

AWS Skills for Welders (SMAW & GMAW, GTAW, Pipe) Program
FAST TRACK CERTIFICATES

Many Welders find work in a variety of industries and locations, including commercial and industrial construction, offshore and underwater oil and gas drilling sites, automotive manufacturing plants, light manufacturing to heavy industrial fabrication plants, pipelines for water, petroleum and natural gas. Many trades in manufacturing industries are adopting automated practices. As these trends continue, some welding processes may become partially or wholly automated, though well trained qualified welding operators are going to be in demand to operate the automated processes. Department consent required. Contact the CTE office at a LSC campus to register.

COURSE LISTING:

Blueprint Reading for Welders
DFTGC 2102301  32 Contact Hours  $536
LSC-Conroe Center
14246 DFTGC 2102301 CO01 Th 1/21/23 6:30 p.m.  CC 215

Math for Welders
WLDGC 2109117  32 Contact Hours  $536
LSC-Conroe Center
14427 WLDGC 2109117 CO01 Th 1/21/23 8-10 p.m.  CC 125

Work Skills for the Workplace
BUSGC 2101202  16 Contact Hours  $280
LSC-Conroe Center
14430 BUSGC 2101202 CO01 Ms 2/18/23

Shielded Metal Arc Welding (SMAW)
WLDGC 2102804  80 Contact Hours  $1,555
LSC-Conroe Center
14379 WLDGC 2102804 CO01 Sa 1/4/23 8 a.m.-5 p.m.
14860 WLDGC 2102804 CO03 F 1/21/23 7:30 a.m.-4:30 p.m.
14860 WLDGC 2102804 CO03 M-Th 1/21/23 1-5 p.m.
14877 WLDGC 2102804 CO04 F 2/14/23 7:30 a.m.-4:30 p.m.
14877 WLDGC 2102804 CO04 M-Th 2/14/23 1-5 p.m.
14875 WLDGC 2102804 CO05 F 3/16/23 7:30 a.m.-4:30 p.m.
14875 WLDGC 2102804 CO05 M-Th 3/16/23 1-5 p.m.
14381 WLDGC 2102804 CO02 Sa 3/21/23 8 a.m.-5 p.m.
14876 WLDGC 2102804 CO06 F 4/13/23 7:30 a.m.-4:30 p.m.
14876 WLDGC 2102804 CO06 M-Th 4/13/23 1-5 p.m.

Gas Metal Arc Welding (GMAW)
WLDGC 2103004  80 Contact Hours  $1,555
LSC-Conroe Center
14382 WLDGC 2103004 CO01 Sa 1/4/23 8 a.m.-5 p.m.
14861 WLDGC 2103004 CO03 F 1/21/23 7:30 a.m.-4:30 p.m.
14861 WLDGC 2103004 CO03 M-Th 1/21/23 1-5 p.m.
14877 WLDGC 2103004 CO04 F 2/14/23 7:30 a.m.-4:30 p.m.
14877 WLDGC 2103004 CO04 M-Th 2/14/23 1-5 p.m.
14875 WLDGC 2103004 CO05 F 3/16/23 7:30 a.m.-4:30 p.m.
14875 WLDGC 2103004 CO05 M-Th 3/16/23 1-5 p.m.
14385 WLDGC 2103004 CO02 Sa 3/21/23 8 a.m.-5 p.m.
14880 WLDGC 2103004 CO06 F 4/13/23 7:30 a.m.-4:30 p.m.
14880 WLDGC 2103004 CO06 M-Th 4/13/23 1-5 p.m.

Gas Tungsten Arc Welding (GTAW)
WLDGC 2103404  80 Contact Hours  $1,555
LSC-Conroe Center
14386 WLDGC 2103404 CO01 Sa 1/4/23 8 a.m.-5 p.m.
14862 WLDGC 2103404 CO03 F 1/21/23 7:30 a.m.-4:30 p.m.
14862 WLDGC 2103404 CO03 M-Th 1/21/23 1-5 p.m.
14881 WLDGC 2103404 CO04 F 2/14/23 7:30 a.m.-4:30 p.m.
14881 WLDGC 2103404 CO04 M-Th 2/14/23 1-5 p.m.
14882 WLDGC 2103404 CO05 F 3/16/23 7:30 a.m.-4:30 p.m.
14882 WLDGC 2103404 CO05 M-Th 3/16/23 1-5 p.m.
14387 WLDGC 2103404 CO02 Sa 3/21/23 8 a.m.-5 p.m.
14883 WLDGC 2103404 CO06 F 4/13/23 7:30 a.m.-4:30 p.m.
14883 WLDGC 2103404 CO06 M-Th 4/13/23 1-5 p.m.

Pipe Welding
WLDGC 2104106  80 Contact Hours  $1,555
LSC-Conroe Center
14388 WLDGC 2104106 CO01 Sa 1/4/23 8 a.m.-5 p.m.
14863 WLDGC 2104106 CO03 F 1/21/23 7:30 a.m.-4:30 p.m.
14863 WLDGC 2104106 CO03 M-Th 1/21/23 1-5 p.m.
14884 WLDGC 2104106 CO04 F 2/14/23 7:30 a.m.-4:30 p.m.
14884 WLDGC 2104106 CO04 M-Th 2/14/23 1-5 p.m.
14885 WLDGC 2104106 CO05 F 3/16/23 7:30 a.m.-4:30 p.m.
14885 WLDGC 2104106 CO05 M-Th 3/16/23 1-5 p.m.
14886 WLDGC 2104106 CO06 F 4/13/23 7:30 a.m.-4:30 p.m.
14886 WLDGC 2104106 CO06 M-Th 4/13/23 1-5 p.m.

There are no classes:
January 20 for MLK Holiday,
March 9-15 for Spring Break,
April 10-12 for Spring Holiday,
May 23-25 for Memorial Day,
and July 2-5 for Independence Day.

Register for classes online at LoneStar.edu/CTE
Standardized Construction (NCCER)

FAST TRACK CERTIFICATES

The National Center for Construction Education and Research (NCCER) is the training, assessment, certification and career development standard for the construction and maintenance craft professional. NCCER credentials can lead to careers in construction. These credentials are tracked through NCCER’s Registry System that allows organizations and companies to track the qualifications of their craft professionals and/or check the qualifications of possible new hires. Department consent required. Contact the CTE office at a LSC campus to register.

COURSE LISTING:

Construction Methods & Materials I NCCER
CNBTC 2101106 73 Contact Hours $1,228

LSC-North Harris
13980 CNBTC 2101106 1001 M-Th 2/3-3/3 5-9 p.m.
NCCER Pipefitting I
1480 CNBTC 2101106 1001 M-Th 6/1-6/30 5-9 p.m.
NCCER Pipefitting I

LSC-Houston North Victory
14323 CNBTC 2101106 V001 M-Th 1/21-3/2 5-9 p.m.
NCCER HVAC

Basic Pipefitting Skills NCCER
PFPBC 2100801 80 Contact Hours $1,340

LSC-North Harris
13981 PFPBC 2100801 1001 M-Th 3/16-4/16 5-9 p.m.
NCCER Pipefitting I
1481 PFPBC 2100801 1001 M-Th 7/6-8/6 5-9 p.m.
NCCER Pipefitting I

Refrigeration Principles NCCER
HARTC 2100705 120 Contact Hours $1,620

LSC-Houston North Victory
14324 HARTC 2100705 V001 M-Th 3/16-5/21 5-9 p.m.
NCCER HVAC

Are you interested in Construction Trades, but don’t see your campus course information? Check out our website at LoneStar.edu/Programs.

Come and learn about Fast Track Certificates, GED Test preparation courses and English for Speakers of Other Languages (ESOL) classes

INFORMATION SESSIONS
UC 107
Noon-1 p.m. | 5-6 p.m.

LSC-Montgomery
January 15, 2020
February 12, 2020
March 18, 2020
April 15, 2020
May 13, 2020

LoneStar.edu/CTE

Spring & Summer 2020 Non-Credit Course Catalog and Schedule
HEALTH SCIENCES
Dental Assisting Program

FAST TRACK CERTIFICATE

Length & Cost of Program: 332 Hrs, $4,475

Lone Star College Dental Assistant Certificate is a great pathway to an exciting career. Dental assistants fulfill a wide variety of roles that include: preparing patients for dental procedures, ensuring the sterility of the dental environment, assisting dentist during procedures by providing tools and materials, working with suppliers to schedule deliveries, helping patients schedule appointments, educating patients on proper oral health, and taking patient x-rays. Prepares for the Registered Dental Assistant examination required by Texas State Board of Dental Examiners. Department consent required. Contact the CTE office at a LSC campus to register.

COURSE LISTING:

Dental Assisting I

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Dental Assisting II

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Dental Assisting III (Clinical)

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Dental Assisting Review & Exam

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Electrocardiography Monitor Technician Program

FAST TRACK CERTIFICATE

Length & Cost of Program: 30 Hrs, $429

Electrocardiogram (EKG) monitor technicians are primarily responsible for monitoring patients’ heart statuses in a hospital environment. These technicians are responsible for immediately informing doctors or physicians when irregularities arise in a patient’s stats. Though this work is more mentally intensive than physical, EKG monitor technicians use electrocardiograms to monitor a patient’s heart activity. Department consent required. Contact the CTE office at a LSC campus to register.

COURSE LISTING:

Electrocardiography Monitor Technician

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Electrocardiography Technician Program

FAST TRACK CERTIFICATE

Length & Cost of Program: 179 Hrs, $2,445

Electrocardiography technicians operate equipment that records and measures heart activity. These measurements are used to assist cardiologists and other physicians in diagnosing and treating problems with a patient’s heart and blood vessels. This program includes ECG Technician national certification through the American Certification Agency for Healthcare Professionals (ACA). Department consent required. Contact the CTE office at a LSC campus to register.

COURSE LISTING:

Electrocardiography

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Electrocardiography Monitor Technician

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Electrocardiography Technician

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LSC-Kingwood

LSC-Montgomery

LSC-Tomball

LSC-Tomball Health Science Building
Electrocardiography, Diagnostic
DSAEC 2104002 64 Contact Hours $982
LSC-North Harris
14334 DSAEC 2104002 1001 MTh 2/13/3/26 5:30-9:30 p.m. HPB 216

Cardiovascular Technology Technician, Clinical
CVTTC 2106003 80 Contact Hours $1,075
LSC-North Harris
14335 CVTTC 2106003 1001 M5u 3/30/24 Offsite-ID

Electrocardiography Technician Proctor Fee
ECRXC 7000002 3 Contact Hours $63
LSC-North Harris
14337 ECRXC 7000002 1001 M 5/1 2:30-5:30 p.m. DTEC 103

ADDITIONAL COURSE:
EKG Tech Exam Review
ECRXC 7000003 4 Contact Hours $0
LSC-North Harris
14338 ECRXC 7000003 1001 M 4/27 5:30-9:30 p.m. HPB 216

Emergency Medical Technician (EMT), Basic Program
FAST TRACK CERTIFICATE
Length & Cost of Program: 224 Hrs, $578

This program prepares students for work as emergency room technicians and/or ambulance attendants. In addition, this program prepares students for the Emergency Medical Technician examination. Department consent required. Contact the CTE office at a LSC campus to register.

COURSE LISTING:
Emergency Medical Technician, Basic
EMSPC 2100103 144 Contact Hours $477
LSC-North Harris
15442 EMSPC 2100103 1011 MW 1/13/3/10 9:10 a.m. WNSP 168
Must be taken concurrently with EMSPC 2106002 1011. AHA BLS CARD REQUIRED. MUST BE VALID THROUGH JUNE 1, 2020.
15445 EMSPC 2100103 1013 ThTh 1/13/3/10 6:8 p.m. WNSP 168
Must be taken concurrently with EMSPC 2106002 1001. AHA BLS CARD REQUIRED. MUST BE VALID THROUGH JUNE 1, 2020.

EMT Clinical
EMSPC 2106002 80 Contact Hours $101
LSC-North Harris
15437 EMSPC 2106002 1011 MW 1/13/3/10 Offsite-ID
Required Clinical Orientation: Immunizations, uniforms, background check, etc. required. Information at LoneStar.edu/ems-dept-NorthHarris or call 281.618.5781 AHA BLS CARD VALID THROUGH JUNE 1, 2020 REQUIRED.

Linked with a credit course. See page 93 for requirements.

Nurse Aid (CNA) Program
FAST TRACK CERTIFICATE
Length & Cost of Program: 116 Hrs, $1,527

The Lone Star College CNA program will provide the skills, knowledge and abilities essential to providing basic care to residents of long-term care facilities. You will learn about resident’s rights, communication, safety, observation, reporting and assisting residents in maintaining basic comfort and safety. Students must submit a complete immunization record before attending clinical rotations Background check required. Preparations for TDHHSS Nurse Aide State Exam required by Nurse Aide Training and Competency Program. Department consent required. Contact the CTE office at a LSC campus to register.

COURSE LISTING:
Nurse Aide, Certified
NURAC 2100105 64 Contact Hours $882
LSC-Conroe Center
14443 NURAC 2100105 C001 M-Th 1/27/2/0 8 a.m.-12 p.m. CC 120
14448 NURAC 2100105 C003 MWF 3/23/4/29 8 a.m.-12 p.m. CC 120
14447 NURAC 2100105 C002 ThS 3/24/6 5:30-9:30 p.m. CC 120
1589 NURAC 2100105 C001 M-Th 7/6/30 5:30-9:30 p.m. CC 120
LSC-CyFair
14351 NURAC 2100105 5001 ThS 1/21/3/19 8:30-9:50 a.m. HSCI 102
14359 NURAC 2100105 5002 M-Th 3/24/5/7 5:30-9:30 p.m. HSCI 102
1549 NURAC 2100105 5001 M-W 6/1/7/6 8:30 a.m.-12:30 p.m. HSCI 102
1555 NURAC 2100105 5002 M-W 6/1/6/11 5:30-9:30 p.m. HSCI 102
LSC-Houston North Greenspoint
14339 NURAC 2100105 G001 M-Th 1/27/2/12 9 a.m.-3:30 p.m. GSPT 115
30 minute break.
1562 NURAC 2100105 G001 M-Th 6/6/7/17 9 a.m.-3:30 p.m. GSPT 115
30 minute break.
LSC-Kingwood
14004 NURAC 2100105 2001 M-W 1/27/2/9 8 a.m.-5 p.m. CLA 113
14004 NURAC 2100105 2002 M-W 1/27/2/9 8 a.m.-5 p.m. CLA 113
1265 NURAC 2100105 2001 W 5/17/16 8 a.m.-5 p.m. CLA 113
1266 NURAC 2100105 2002 W 6/22/16 5-9 p.m. CLA 113
LSC-North Harris
14350 NURAC 2100105 1002 W 1/27/3/25 9 a.m.-1 p.m. HPB 210
14363 NURAC 2100105 1003 ThS 2/11/4/9 5:30-9:30 p.m. HPB 210
1566 NURAC 2100105 1001 M-Th 6/6/17 9 a.m.-3:30 p.m. HPB 210
30 Minute Lunch Break.
Nurse Aide, Certified (Clinical)

NURAC 2106003 44 Contact Hours $596

LSC-Conroe Center
14449 NURAC 2106003 C001 MF 2/21/3/6 CNA SP Cohort 1.
14451 NURAC 2106003 C002 MF 3/7 CNA SP Cohort 2.
14452 NURAC 2106003 C003 MF 4/30/5/14 CNA SP Cohort 3.
1590 NURAC 2106003 C001 MF 7/3/18/13 CNA SU Cohort 1.

LSC-CyFair
14353 NURAC 2106003 5001 MSu 3/24/4/28 OffsiteID
14355 NURAC 2106003 5002 MSu 3/24/4/28 OffsiteID
14361 NURAC 2106003 5003 MSu 5/8/6/6 OffsiteID
14362 NURAC 2106003 5004 MSu 5/8/6/6 OffsiteID
1550 NURAC 2106003 5001 MSu 7/17/7/29 OffsiteID
1556 NURAC 2106003 5003 MSu 8/6/8/23 OffsiteID

LSC-Houston North Greenspoint
14340 NURAC 2106003 G001 MSu 2/17/2/28 OffsiteID
1563 NURAC 2106003 G001 MSu 6/18/6/30 OffsiteID

LSC-Kingwood
14002 NURAC 2106003 2001 MSu 2/1/2/27 OffsiteID
14013 NURAC 2106003 2002 MSu 4/2/1/27 OffsiteID
1264 NURAC 2106003 2001 MSu 6/17/6/23 OffsiteID
1269 NURAC 2106003 2002 MSu 8/11/8/17 OffsiteID

LSC-North Harris
14354 NURAC 2106003 1002 MSu 3/26/4/6 OffsiteID
14365 NURAC 2106003 1003 MSu 4/13/4/24 OffsiteID
1567 NURAC 2106003 1001 MSu 6/2/6/30 OffsiteID

LSC-Tomball
10962 NURAC 2106003 3001 MSu 3/3/3/8 OffsiteID
11028 NURAC 2106003 3002 MSu 4/2/1/28 OffsiteID
1290 NURAC 2106003 3001 MSu 6/9/6/16 OffsiteID
1291 NURAC 2106003 3002 MSu 7/23/7/30 OffsiteID

Nurse Aide State Exam Facilitator Fee
NURXC 7800121 8 Contact Hours $64

LSC-Conroe Center
14456 NURXC 7800121 C001 MSu 3/7 CNA SP Cohort 1.
14460 NURXC 7800121 C003 MSu 4/10 CNA SP Cohort 3.
14458 NURXC 7800121 C002 MSu 6/12 CNA SP Cohort 2.
1591 NURXC 7800121 C001 MSu 8/14 CNA SU Cohort 1.

LSC-CyFair
14357 NURXC 7800121 5002 W 4/29 8:30 a.m.-12:30 p.m. OffsiteID
14364 NURXC 7800121 5003 F 5/8 5:30/9:30 p.m. OffsiteID
1554 NURXC 7800121 5001 Th 7/30 8:30/11:30 a.m. OffsiteID
1557 NURXC 7800121 5002 Sa 8/15 5:30/9:30 p.m. OffsiteID

LSC-Houston North Greenspoint
14341 NURXC 7800121 G001 M 3/2 3:5 p.m. DTEC 103
1564 NURXC 7800121 G001 M 7/1 3:5 p.m. DTEC 103

Phlebotomist Program
FAST TRACK CERTIFICATE
Length & Cost of Program: 196 Hrs, $2,633

Phlebotomists are responsible for collecting and tagging specimens exactly as outlined in each medical requisition. Developing effective collection techniques as they relate to groups such as pediatric and geriatric patients. Properly package each specimen and ensure that every specimen is delivered to the laboratory on time. The program prepares the student for the National Certification required by the National Healthcare Association. Students must submit a complete immunization record before attending clinical rotations Background check required. Department consent required. Contact the CTE office at a LSC campus to register.

COURSE LISTING:

Phlebotomy
PLABC 2102301 96 Contact Hours $1,298

LSC-Conroe Center
14467 PLABC 2102301 C001 MWTh 1/24/7/15 6:3 p.m. CC 119
14470 PLABC 2102301 C002 MWTh 5/4/7/20 9 a.m.-1 p.m. CC 119
1593 PLABC 2102301 C001 MWTh 8/10/10/22 9 a.m.-1 p.m. CC 119

LSC-Kingwood
14040 PLABC 2102301 2001 MW 1/24/7/22 5:9 a.m. CLA 108
1296 PLABC 2102301 2001 MW 5/11/8/16 5:9 a.m. CLA 108

LSC-North Harris
14371 PLABC 2102301 1004 MW 1/24/7/22 5:30/9:30 p.m. HPB 210
14377 PLABC 2102301 1005 Th 2/11/4/9 9 a.m.-3 p.m. HPB 210
1570 PLABC 2102301 1002 Th 7/6/7/30 9 a.m.-3 p.m. HPB 216

LSC-Tomball Health Science Building
11041 PLABC 2102301 2001 Th 1/21/3/19 8:30 a.m.-2:30 p.m. HS 309
1294 PLABC 2102301 2001 Th 5/12/7/7 8:30 a.m.-2:30 p.m. HS 309

Phlebotomy, Clinical
PLABC 2106001 100 Contact Hours $1,335

LSC-Conroe Center
14475 PLABC 2106001 C001 MSu 4/16/5/1 6 a.m.-6 p.m. SP Cohort 1.
14479 PLABC 2106001 C002 MSu 7/21/8/3 6 a.m.-6 p.m. SP Cohort 2.
Patient Care Technician Program

**FAST TRACK CERTIFICATE**

Length & Cost of Program: 312 Hrs, $4,236

Lone Star College Patient Care Technician is a nationally recognized certification for Certified Nurse Aides with Phlebotomy and EKG training. Prepares for TDHHS Nurse Aide State Exam required by Nurse Aide Training and Competency Program. Prepares the student for National Certification in Phlebotomy. Department consent required. Contact the CTE office at a LSC campus to register.

Corequisites

- Electrocardiography: ECRDC 2101101
- Nurse Aide, Certified: NURAC 2100105
- Nurse Aide, Certified (Clinical): NURAC 2106003
- Nurse Aide State Exam Fee: NURXC 7800121
- Phlebotomy: PLABC 2102301

COURSE LISTING:

Phlebotomy Clinical for Patient Care Technician

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Health Occupations Professionalism

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Medical Terminology I

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Patient Care Technician Career Options

Entry Wage: $19,961

Representative career titles and job positions for this program plan include:

- Certified Nurse Aide (CNA)
- Patient Care Assistant
- Patient Care Technician

Gainful Employment

The U.S. Department of Education requires colleges to disclose a variety of information for any financial aid eligible program that “prepares students for gainful employment in a recognized occupation.”

Footnotes:

2. Position titles vary by employer and location.

See page 6 for more career options.
WHAT’S NEXT

Marie Heron: BACK TO SCHOOL

As the saying goes, life got in the way of Marie Heron’s desire for an education.

“Upon moving to Texas, I talked about going back to school and getting my GED,” said Marie. “I started looking into programs and came across Lone Star College.”

The High School Equivalency Program is designed for adults who left high school before graduation and are now interested in obtaining a high school diploma by successfully passing the 2014 General Educational Development (GED®) official test.

“I had really great teachers through the GED program,” said Marie. “They always had kind words and willing to help anyway they could, as long as I also was willing to put in the effort.”

Upon receiving her GED in December 2018, Marie immediately enrolled in the current Patient Care Technician program. “I could not be more elated as I have always wanted to be a nurse,” said Marie. “This is my second step in achieving this goal.”

The LSC Patient Care Technician program is a nationally recognized certification for Certified Nurse Aides with Phlebotomy and EKG training. The healthcare career ladder is typically structured so that there is a salary increase for each skill added to the basic Certified Nurse Aide training.

“I hope that anybody who is looking to go back and get their education chooses to do so no matter your age or the obstacles life throws your way,” said Marie.
Clinical Medical Assistant Program
FAST TRACK CERTIFICATE
Length & Cost of Program: 262 Hrs, $3,511

Lone Star College Clinical Medical Assistant program provides students with hands-on training and education in medical terminology, diagnostic and therapeutic procedures, processing of medical insurance forms, patient care and health care. CMA course curriculum includes Patient Care and Communication, Clinical Assisting and Pharmacology, Medical Insurance, Bookkeeping and Health Sciences, Cardiopulmonary and Electrocardiography, Laboratory Procedures, Endocrinology and Reproduction, and Medical Law, Ethics and Psychology. Department consent required. Contact the CTE office at a LSC campus to register.

COURSE LISTING:

Clinical Medical Assistant-LEC
MDCAC 2106001 112 Contact Hours $1,491
LSC-Conroe Center
14495 MDCAC 2106001 C001 MSu 2/20/6/8
SP Cohort 1.
1594 MDCAC 2106001 C001 MSu 7/9-12/11
SU Cohort 1.

Clinical Medical Assistant-LAB
MDCAC 2106002 70 Contact Hours $945
LSC-Conroe Center
14502 MDCAC 2106002 C001 F 2/28/5/29 8 a.m.-2:30 p.m.
SP Cohort 1.
1595 MDCAC 2106002 C001 TTh 7/8-13/8 a.m.-2:30 p.m.
SU Cohort 1.

Clinical Medical Assistant-Clinical
MDCAC 2106003 80 Contact Hours $1,075
LSC-Conroe Center
14505 MDCAC 2106003 C001 3/30/5/15 Offsite-ID

Sterile Processing Technician Non-Practicum Program
FAST TRACK CERTIFICATE
Length & Cost of Program: 152 Hrs, $1,386

Sterile processing is a term used to describe the tasks by which medical devices used to deliver patient care are examined, disinfected, tracked, and reprocessed for future use by patients. It also includes an element of inventory control and purchasing to ensure cost containment of devices and supplies. The primary function is to support the surgical services department by helping to prevent infections and cross-contamination of patients via instrumentation and devices. Department consent required. Contact the CTE office at a LSC campus to register.

COURSE LISTING:

Infection Control
CSPDC 2107201 80 Contact Hours $1,075
LSC-Tomball Health Science Building
11067 CSPDC 2107201 TH01 Th 2/207/9 5:30-9:30 p.m.
HS 309

Intro to Human Body & Disease
CSPDC 2107101 48 Contact Hours $659
LSC-Tomball Health Science Building
11065 CSPDC 2107101 TH01 T 2/186/9 6:30-7 p.m.
HS 309

Essentials of Medical Terminology
HPRSC 2100604 24 Contact Hours $336
LSC-Tomball Health Science Building
11068 HPRSC 2100604 TH01 T 2/184/28 5:30-7 p.m.
HS 309

ADDITIONAL COURSE:

Practicum
CSPDC 2107301 400 Contact Hours $635
LSC-Tomball
1413 CSPDC 2107301 3001 MSu 7/10-9/18 7 a.m.-7 p.m.
Offsite-ID

Check Out Our Programs!
LoneStar.edu/Programs
Health Care Management in Occupational Therapy
OTHAC 1203500 32 Contact Hours $648
LSC-Tomball
12968 OTHAC 1203500 3101 MSu 1/13/3/6
Instruction Type: Online

Mental Health in Occupational Therapy
OTHAC 12009000 32 Contact Hours $648
LSC-Tomball
12961 OTHAC 1200900 3101 MSu 1/13/3/6
Instruction Type: Online

Occupational Therapy Practitioner Field
OTHAC 1109100 80 Contact Hours $1,075
LSC-Tomball
12970 OTHAC 1109100 3101 MSu 1/13/3/6

General Health Care
FAST TRACK COURSES
Focused on either human or animal medical care or technical research in the health industry, careers in this Area of Study lead to roles in large or small hospitals, lab facilities, veterinarian offices, and pharmaceutical companies. Department consent required. Contact the CTE office at a LSC campus to register.

COURSE LISTING:
Anatomy and Physiology I, Review
SCITC 2100701 48 Contact Hours $803
LSC-CyFair
1600 SCITC 2100701 5001 MSu 5/18/6/25
Instruction Type: Online
LSC-North Harris
14329 SCITC 2100701 1001 MSu 1/27/3/6
Instruction Type: Online
1558 SCITC 2100701 1001 MSu 5/18/6/25
Instruction Type: Online

Anatomy and Physiology II, Review
SCITC 2100801 48 Contact Hours $803
LSC-CyFair
14372 SCITC 2100801 5001 MSu 3/16/4/24
Instruction Type: Online
1601 SCITC 2100801 5001 MSu 6/29/7/30
Instruction Type: Online
LSC-North Harris
14330 SCITC 2100801 1001 MSu 3/16/4/24
Instruction Type: Online
1559 SCITC 2100801 1001 MSu 6/29/7/30
Instruction Type: Online

Do you have Financial Aid questions?
Call 281.290.2700, email FACC@LoneStar.edu, or Chat online Mon-Thurs: 7:30 a.m.-7 p.m. and Fri: 7:30 a.m.-5 p.m.
There are no classes:

Cerebral Vascular Evaluation

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Non-Invasive Peripheral Vascular Evaluation

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Medication Aide

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Medication Aide Refresher

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Non-Invasive Peripheral Vascular Evaluation

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State Licensure Eligibility

Lone Star College offers some workforce associate degree or certificate programs in which a state license is required to obtain employment in healthcare, emergency services or business services fields. For students in these programs who may have a criminal background, please be advised that the background check results could keep you from being licensed by the State of Texas or other licensing agencies required to obtain employment. If a student has a question about his or her background and licensure, please speak with the appropriate department chair, program director, or person listed on the program website. Students also have the right to request a criminal history evaluation letter from the applicable licensing agency.
PUBLIC SAFETY & HUMAN/CONSUMER SERVICES
Bilingual Interpreter Training Program

FAST TRACK CERTIFICATE

Length & Cost of Program: 216 Hrs, $3,561

The English/Spanish Interpreter Program provides specialized training for people who want to become professional community, medical, legal, business and/or conference interpreters. Upon completion of the program, students receive a Bilingual English/Spanish Interpreter Certificate from Lone Star College, awarding 9.6 continuing education units (CEUs). Department consent required. Contact the CTE office at a LSC campus to register.

BEFORE ENTERING THE INTERPRETING PROGRAM:

Assessment Test Interpreting

TESTC 8900124 1 Contact Hours $25

LSC-North Harris
1656 TESTC 8900124 1001 W 5/6

COURSE LISTING:

Foundational Interpreting Program

FRNLC 2109142 96 Contact Hours $1,571

LSC-East Aldine Center
14739 FRNLC 2109142 1001 MW 1/145/7 6-9 p.m.

LSC-North Harris
14735 FRNLC 2109142 1001 MW 1/135/11 6-9 p.m.

There are no classes:

January 20 for MLK Holiday,
March 9-15 for Spring Break,
April 10-12 for Spring Holiday,
May 23-25 for Memorial Day,
and July 2-5 for Independence Day.

A $21 Infrastructure fee per semester applies to all students.
Substitute Teacher Program

FAST TRACK CERTIFICATE
Length & Cost of Program: 26 Hrs, $282

Substitute teachers are valuable to the school system because they keep the educational process going when the regular teacher is absent. The Substitute Teacher Training Certificate defines the true role of a substitute teacher; it encompasses teaching strategies, classroom management techniques, experience with lesson plans, and guidelines for decision making. Contact the CTE office at a LSC campus to register.

COURSE LISTING:
Substitute Teacher Training
EDTCC 2100201 12 Contact Hours $132
LSC-CyFair
14297 EDTCC 2100201 5001 M 2/3/24
Instruction Type: Online
14299 EDTCC 2100201 5002 M 4/6/27
Instruction Type: Online
1496 EDTCC 2100201 5001 M 6/16/22
Instruction Type: Online
LSC-Kingwood
1649 EDTCC 2100201 2001 TuTh 7/20/21 8:30 a.m.-3:30 p.m.
LSC-North Harris
1468 EDTCC 2100201 1001 ThF 8/13/21 8:30 a.m.-3:30 p.m.

Tools for Teaching Module
ATCPC 7200009 14 Contact Hours $150
LSC-Kingwood
14689 ATCPC 7200009 2001 M 4/6/27 6:30 p.m.
1640 ATCPC 7200009 2001 MW 7/13/27 8:30 a.m.-2:30 p.m.
LSC-North Harris
13896 ATCPC 7200009 1001 M 2/22/24 6:30 p.m.
1461 ATCPC 7200009 1001 M 6/16/22 6:30 p.m.
1466 ATCPC 7200009 1002 MW 8/10/22 8:30 a.m.-2:30 p.m.

Texas Teacher Certification: Internship Track

FAST TRACK CERTIFICATE
Length & Cost of Program: 305 Hrs, $4,614.50

With a bachelor’s degree and passion to make a difference in the lives of young people, you can become a Texas certified teacher from the Lone Star Colleges Alternative Teacher Certification (ATC) Program. The internship requires a student to complete a one-year internship with full salary and benefits, under the supervision of the ATC Program. In this route, the student must secure his or her own teaching position. Department consent required. Contact the CTE office at a LSC campus to register.

COURSE LISTING:
Pedagogy and Professional Responsibilities (PPR)
ATCPC 7000062 108 Contact Hours $913
LSC-CyFair
14292 ATCPC 7000062 5001 M 1/13/11
Instruction Type: Online
1494 ATCPC 7000062 5001 M 6/17/27
Instruction Type: Online
LSC-Kingwood
14596 ATCPC 7000062 2001 W 2/5/13 6:30 p.m.
1635 ATCPC 7000062 2001 MW 6/17/29 6:30 p.m.

TExES Review: PPR EC-12
ATCPC 7200018 7 Contact Hours $105.50
LSC-Kingwood
14693 ATCPC 7200018 2001 Sa 1/18 8:30 a.m.-4 p.m.
CLA 108
14695 ATCPC 7200018 2002 Sa 5/2 8:30 a.m.-4 p.m.
CLA 108
1643 ATCPC 7200018 2001 M 8/3 8:30 a.m.-4 p.m.
LSC-Montgomery
14722 ATCPC 7200018 4001 W 1/15/12
14724 ATCPC 7200018 4002 W 3/18/25
14726 ATCPC 7200018 4003 W 5/13/20
1655 ATCPC 7200018 4001 W 8/5/12
Access your online course at lonestar.edu/LSC-Online. Instruction Type: Online

TCP Internship I
ATCPC 7000065 32 Contact Hours $1,020
LSC-CyFair
14293 ATCPC 7000065 5001 M 1/13/11
Instruction Type: Online
LSC-Kingwood
14687 ATCPC 7000065 2001 MSu 1/13/11
Instruction Type: Online

TCP Internship II
ATCPC 7000066 32 Contact Hours $1,020
LSC-CyFair
14294 ATCPC 7000066 5001 M 1/13/11
Instruction Type: Online
LSC-Kingwood

State Licensure Eligibility
Lone Star College offers some workforce associate degree or certificate programs in which a state license is required to obtain employment in healthcare, emergency services or business services fields. For students in these programs who may have a criminal background, please be advised that the background check results could keep you from being licensed by the State of Texas or other licensing agencies required to obtain employment. If a student has a question about his or her background and licensure, please speak with the appropriate department chair, program director, or person listed on the program website. Students also have the right to request a criminal history evaluation letter from the applicable licensing agency.
Components of Special Education

ATCPC 7000027 48 Contact Hours $528
LSC-CyFair
 Instruction Type: Online
1492 ATCPC 7000027 5001 M 6/1-7/27
LSC-North Harris
 Instruction Type: Online
13892 ATCPC 7000027 1001 MSu 1/27-4/27
Creating Successful Classrooms

ATCPC 7000081 48 Contact Hours $528
LSC-North Harris
 Instruction Type: Online
13894 ATCPC 7000081 1001 MSu 1/27-4/27
1460 ATCPC 7000081 1001 MSu 6/1-7/27
Generalist Teacher Preparation

ATCPC 7000086 48 Contact Hours $528
LSC-CyFair
 Instruction Type: Online
14295 ATCPC 7000086 5001 M 1/27-4/27
1495 ATCPC 7000086 5001 M 6/1-7/27
Texas Teacher Certification: Clinical Track

FAST TRACK CERTIFICATE
Length & Cost of Program: 303 Hrs, $3,094.50

The ATC Program has partnerships with more than 45 school districts, 40 certification areas, flexible course schedules and a choice between two routes to certification: internship or clinical teaching. Clinical teaching involves one semester of non-paid placement in a school district. Clinical teachers work with a mentor teacher at an area K-12 school and with an LSC-ATCP supervisor. Department consent required. Contact the CTE office at a LSC campus to register.

Prerequisites:
Pedagogy and Professional Responsibilities (PPR)

TexES Review: PPR EC-12

Creating Successful Classrooms -or-
Generalist Teacher Preparation
(Plus course listed below)

COURSE LISTING:
Clinical Teaching

ATCPC 7000026 62 Contact Hours $1,020
LSC-North Harris
 Instruction Type: Online
13890 ATCPC 7000026 1001 MSu 1/7-5/1
1467 ATCPC 7000026 1001 MSu 8/5-12/11

Education & Training

FAST TRACK COURSES

Students must complete a minimum of 300 hours of coursework, field experience and training. All courses will fully prepare the student in the art of teaching for his or her content area, specific to the domains and competencies of Texas Education Agency. It will take anywhere between 3-4 semesters to complete the coursework and practicum to then finish with a standard certification. The coursework may be taken face-to-face, online or as hybrid classes at various locations throughout the system. Department consent required. Contact the CTE office at a LSC campus to register.

COURSE LISTING:

Child Development Associate

CDECC 2101602 120 Contact Hours $1,955
LSC-Kingwood
14711 CDECC 2101602 2001 T 1/28-5/19 6:30 p.m.
1656 CDECC 2101602 2001 T 6/9-6/18 6:30 p.m.

Integrating Technology

ATCPC 7009301 12 Contact Hours $132
LSC-Kingwood
14688 ATCPC 7009301 2001 MSu 3/16-4/6
1637 ATCPC 7009301 2001 MSu 6/1-6/22

TCP Internship Extension

ATCPC 7000055 48 Contact Hours $528
LSC-North Harris
13893 ATCPC 7000055 1001 MSu 1/13-5/11

TexES ESL/Bilingual Review Session

ATCPC 7200013 12 Contact Hours $132
LSC-Montgomery
14720 ATCPC 7200013 4001 M 4/6-4/27 6:30-9:30 p.m.
1652 ATCPC 7200013 4001 MSu 6/9-6/19 8:30 a.m.-3:30 p.m.
1653 ATCPC 7200013 4002 M 7/6-7/27 6:30-9:30 p.m.
LSC-North Harris
13908 ATCPC 7200013 1001 Sa 2/8-2/15 8:30 a.m.-3:30 p.m.

TexES Review: Generalist 4-8

ATCPC 7200021 7 Contact Hours $105.50
LSC-North Harris
13914 ATCPC 7200021 1001 Sa 1/25 8:30 a.m.-4 p.m.
13916 ATCPC 7200021 1002 Sa 4/18 8:30 a.m.-4 p.m.
1464 ATCPC 7200021 1001 M 6/8 8:30 a.m.-4 p.m.
1465 ATCPC 7200021 1002 M 7/13 8:30 a.m.-4 p.m.

A $21 Infrastructure fee per semester applies to all students.
Register for classes online at LoneStar.edu/CTE

Corporate College/Career & Technical Education
Social/Behavioral Sciences & Education

**TExES Review: Generalist EC-6**
ATCPC 7200014 7 Contact Hours $105.50
LSC-North Harris
13909 ATCPC 7200014 1001 Sa 2/22 8:30 a.m.-4 p.m.
13911 ATCPC 7200014 1002 Sa 3/28 8:30 a.m.-4 p.m.
13912 ATCPC 7200014 1003 Sa 4/25 8:30 a.m.-4 p.m.
1462 ATCPC 7200014 1001 M 6/8 8:30 a.m.-4 p.m.
1463 ATCPC 7200014 1002 M 7/13 8:30 a.m.-4 p.m.

**TExES Review: Math**
ATCPC 7200016 7 Contact Hours $105.50
LSC-Kingwood
14690 ATCPC 7200016 2001 Sa 2/1 8:30 a.m.-4 p.m. CLA 108
14691 ATCPC 7200016 2002 Sa 4/18 8:30 a.m.-4 p.m. CLA 108
1641 ATCPC 7200016 1001 M 6/8 8:30 a.m.-4 p.m.
1642 ATCPC 7200016 1002 M 7/13 8:30 a.m.-4 p.m.

**TExES Review: Special Education**
ATCPC 7200019 7 Contact Hours $105.50
LSC-Kingwood
14697 ATCPC 7200019 1001 Sa 2/8 8:30 a.m.-4 p.m. CLA 108
14701 ATCPC 7200019 1002 Sa 4/4 8:30 a.m.-4 p.m. CLA 108
1645 ATCPC 7200019 1001 M 6/15 8:30 a.m.-4 p.m.
1647 ATCPC 7200019 1002 M 7/20 8:30 a.m.-4 p.m.

Do you have Financial Aid questions?
Call 281.290.2700, email FACC@LoneStar.edu, or Chat online Mon-Thurs: 7:30 a.m.-7 p.m. and Fri: 7:30 a.m.-5 p.m.

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**Lone Star College**

**TEAHER CERTIFICATION PROGRAM**

- Attend an Orientation
- Complete Registration
- Pass a Content Test
- Train with the Best Faculty
- Learn with Teachers In Action
- Successful Completion of Course
- Pass Your Certification Tests
- Obtain Your License to Teach

**For more info:**
Jennifer Leadbetter
ATCP@LoneStar.edu
281.312.1716

LSC-University Park
January 7, 2020
February 4, 2020
March 3, 2020
April 7, 2020
May 5, 2020
June 2, 2020
July 7, 2020

LSC-North Harris
January 7, 2020
February 10, 2020
March 16, 2020
April 13, 2020
May 11, 2020
June 8, 2020
July 13, 2020

LSC-CyFair
February 6, 2020
April 2, 2020

*ALL SESSIONS BEGIN @ 5pm

*Contact Jennifer Leadbetter to confirm room location of desired information session at each campus

- Internship Track (includes 1 yr paid employment) $5,373.50
- Clinical Track (non-paid placement with a school) $3,393.50

LoneStar.edu/Teaching-Degrees
INDUSTRY CERTIFICATION & EXAM PREP
CompTIA A+ Preparation
FAST TRACK CERTIFICATION
Length & Cost of Program: 96 Hrs, $1,571

This course covers the various responsibilities and tasks required for a computer technician to successfully perform in a customer environment. Coursework prepares students for CompTIA A+ Certification Examinations 220-801 & 220-802. Department consent may be required. Contact the CTE office at a LSC campus to register.

COURSE LISTING:
A+ Certification Preparation
ITSCC 2102520 96 Contact Hours $1,283
LSC-University Park
12202 ITSCC 2102520 6001 T 1/73/31 6-10 p.m. UPEMI 240
Instruction Type: Hybrid, Internet
12203 ITSCC 2102520 6002 T 4/7/6/23 6-10 p.m. UPEMI 240
Instruction Type: Hybrid, Internet
1299 ITSCC 2102520 6001 T 6/309/15 6-10 p.m. UPEMI 240
Instruction Type: Hybrid, Internet

Google IT Support Professional Program
FAST TRACK CERTIFICATION
Length & Cost of Program: 256 Hrs, $1,000

This five-course certificate, developed exclusively by Google, includes innovative curriculum designed to prepare you for an entry-level role in IT support. A job in IT can mean in-person or remote help desk work, either in a small business or at a global company, like Google. Whether you’ve been tinkering with IT or are completely new to the field, you’ve come to the right place.

COURSE LISTING:
Google IT Support Professional Certification
ITCCC 1109106 256 Contact Hours $1,000
LSC-Westway Park Technology Center
13010 ITCCC 1109106 5101 Thh 1/149/3 6-10 p.m. WWP 226
Instruction Type: Hybrid, Internet
13012 ITCCC 1109106 5102 Sa 2/110/3 8 a.m.-5 p.m. WWP 226
Instruction Type: Hybrid, Internet
1548 ITCCC 1109106 5101 MW 5/111-13 6-10 p.m. WWP 226
1651 ITCCC 1109106 5102 MW 7/133/24 6-10 p.m. WWP 225

Lean Six Sigma Green Belt Supervision
FAST TRACK CERTIFICATION
Length & Cost of Program: 57 Hrs, $1,935

COURSE LISTING:
Lean Six Sigma Green Belt Certification
BMGTC 1109151 57 Contact Hours $1,935
LSC-CyFair
12972 BMGTC 1109151 5101 MW 1/133/25 6:309:30 p.m. WWP 226
Instruction Type: Hybrid, Internet
1535 BMGTC 1109151 5101 MW 4/206/24 6:309:30 p.m. WWP 226
LSC-University Park
12971 BMGTC 1109151 6001 MW 1/133/25 6:309:30 p.m. UPEMI 210
Instruction Type: Hybrid, Internet
1534 BMGTC 1109151 1101 MW 4/206/24 6:309:30 p.m. UPEMI 210

Lean Six Sigma Black Belt Supervision
FAST TRACK CERTIFICATION
Length & Cost of Program: 62 Hrs, $2,105

COURSE LISTING:
Lean Six Sigma Black Belt Certification
BMGTC 1109150 62 Contact Hours $2,105
LSC-CyFair
12922 BMGTC 1109150 5101 Thh 1/214/7 6:309:30 p.m. WWP 226
Instruction Type: Hybrid, Internet
1537 BMGTC 1109150 1101 Thh 5/127/23 6:309:30 p.m. WWP 226
LSC-University Park
12911 BMGTC 1109150 6001 Thh 1/214/7 6:309:30 p.m. UPEMI 220
Instruction Type: Hybrid, Internet
1536 BMGTC 1109150 1101 Thh 5/127/23 6:309:30 p.m. UPEMI 220

IADC® Preparation
FAST TRACK CERTIFICATION

IADC RigPass® Petroleum Safety & Environmental Hazards
PTRTC 1202500 8 Contact Hours $152
LSC-University Park
14813 PRTTC 1202500 6101 M 1/13 8 a.m.-5 p.m. UPEMI 114
14829 PRTTC 1202500 6102 M 2/24 8 a.m.-5 p.m. UPEMI 114
14837 PRTTC 1202500 6103 M 4/13 8 a.m.-5 p.m. UPEMI 114
1688 PRTTC 1202500 6101 T 5/26 8 a.m.-5 p.m. UPEMI 114
1691 PRTTC 1202500 6102 M 7/13 8 a.m.-5 p.m. UPEMI 114

IADC WellSharp®
PTRTC 1109105 24 Contact Hours $408
LSC-University Park
14816 PRTTC 1109105 6101 Thh 1/141/16 8 a.m.-5 p.m. UPEMI 114
14831 PRTTC 1109105 6102 Thh 2/252/27 8 a.m.-5 p.m. UPEMI 114
14838 PRTTC 1109105 6103 Thh 4/144/16 8 a.m.-5 p.m. UPEMI 114
1687 PRTTC 1109105 6101 Thh 5/275/29 8 a.m.-5 p.m. UPEMI 114
1692 PRTTC 1109105 6102 Thh 7/147/16 8 a.m.-5 p.m. UPEMI 114

Register for classes online at LoneStar.edu/CTE
Project Management (PMP) Preparation
FAST TRACK CERTIFICATE
Length & Cost of Program: 35 Hrs, $1,566

This program is designed for project managers, team leaders, product development managers, engineers, marketing professionals, operations professionals, R&D and construction managers, functional and line managers who work with project managers, and team members who manage project tasks and sub-tasks. This program prepares you to take the Project Management Professional® Exam.

COURSE LISTING:

PMP Certification Exam Preparation
BMGXC 5000134 35 Contact Hours $1,566

LSC-CyFair
12974 BMGXC 5000134 5101 MF 3/16-3/20 8 a.m.-5 p.m. WWP 226
Instruction Type: Hybrid, Internet
1542 BMGXC 5000134 5101 MF 7/20-7/24 8 a.m.-5 p.m. WWP 226

LSC-University Park
12973 BMGXC 5000134 6101 MF 2/24-2/28 8 a.m.-5 p.m. UPEN 215
Instruction Type: Hybrid, Internet
12975 BMGXC 5000134 6102 MF 4/6-4/10 8 a.m.-5 p.m. UPEN 215
Instruction Type: Hybrid, Internet
1539 BMGXC 5000134 1101 MF 6/8-6/12 8 a.m.-5 p.m. UPEN 215
1541 BMGXC 5000134 1102 MF 8/3-8/7 8 a.m.-5 p.m. UPEN 215

The University of Texas at Austin
Petroleum Extension (PETEX®)
Cockrell School of Engineering

Power Your Career With Knowledge
Contact us and get prepared for a career in the oil and gas industry.

Phone number: 800.687.7052
Email: petex@engr.utexas.edu
Iris Bravo is a Lone Star College student working on her Associate of Applied Science degree (AAS) and expects to fully complete her program in December 2020. Iris is not only a star student, but she also has been working full time as a front desk advisor with the Adult Education and Literacy program at Lone Star College- Houston North Greenspoint since September 2018.

Iris loves working with our student population because she enjoys providing informative resources that help students find their way back to school.
GED Test Preparation

Iris Bravo is a Lone Star College student working on her Associate of Applied Science degree (AAS) and expects to fully complete her program in December 2020. Iris is not only a star student, but she also has been working full time as a front desk advisor with the Adult Education and Literacy program at Lone Star College- Houston North Greenpoint since September 2018.

Student Success Team

Iris loves working with our student population because she enjoys providing informative resources that help students find their way back to school.
Test Preparations
FAST TRACK COURSES

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

COURSE LISTING:
GED Full Review

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GED® Test Preparation & Test

LSC-University Park
14061 DEVSC 3900506 6001 | 1/17/27 | 6-9 p.m. |
14063 DEVSC 3900506 6002 | 3/24/27 | 1:00 pm-4:00 pm |
14065 DEVSC 3900506 6003 | 3/16/27 | 6-9 p.m. |
1306 DEVSC 3900506 6001 | 6/17/27 | 12:00 pm-3:00 pm |
1307 DEVSC 3900506 6002 | 7/18/27 | 6-9 p.m. |

GED Revisión en Español

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GED® Test Preparation & Test

LSC-CyFair
14283 DEVSC 3930001 5002 | 3/17/27 | 6-9 p.m. |
1405 DEVSC 3930001 5001 | 6/16/27 | 6-9 p.m. |

LSC-East Aldine Center
13961 DEVSC 3930001 5001 | 1/27/27 | 6-9 p.m. |
13963 DEVSC 3930001 5002 | 3/17/27 | 9 a.m.-12 p.m. |
1479 DEVSC 3930001 5002 | 7/18/27 | 9 a.m.-12 p.m. |

LSC-Montgomery
14352 DEVSC 3930001 4001 | 1/21/27 | 6-9 p.m. |
14358 DEVSC 3930001 4002 | 3/16/27 | 9 a.m.-12 p.m. |

LSC-North Harris
13948 DEVSC 3930001 1001 | 3/17/27 | 6-9 p.m. |
1475 DEVSC 3930001 1002 | 6/16/27 | 6-9 p.m. |

LSC-Tomball
8099 DEVSC 3930001 3001 | 2/24/27 | 6-9 p.m. |
1280 DEVSC 3930001 3001 | 6/27/27 | 6-9 p.m. |

SAT Preparation

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GED® Test Preparation & Test

LSC-Tomball
10933 DEVSC 3900001 3001 | 1/28/27 | 5:30 pm-9:30 pm |

Adult Basic Education Test Preparation
FAST TRACK COURSES

Restricted to Adult Education and Literacy students only. Orientation and Testing required prior to registration. For more information, contact the AEL Office at LSC-Houston North Greenspoint (Suite 200) at 281.260.3576 or GCAdultEd@LoneStar.edu. Department consent required. Contact the CTE office at a LSC campus to register.

ABE GED Math and Language Arts

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Approval Required, TSI placement score level 1-2, TABE test.

LSC-Kingwood
14771 ABEAC 6400015 2001 | 1/21/27 | 9 a.m.-12 p.m. |
14776 ABEAC 6400015 2002 | 2/25/27 | 9:30 am-7:00 pm |
14777 ABEAC 6400015 2003 | 4/7/27 | 9 a.m.-12 p.m. |

LSC-Montgomery
14784 ABEAC 6400015 4004 | 3/23/27 | 6-9 p.m. |
14778 ABEAC 6400015 4001 | 1/21/27 | 9 a.m.-12 p.m. |
14781 ABEAC 6400015 4002 | 4/7/27 | 9 a.m.-12 p.m. |

LSC-University Center
14783 ABEAC 6400015 4003 | 2/24/27 | 6-9 p.m. |

LSC-Houston North Victory
14713 ABEAC 6400015 V001 | 3/17/27 | 9 a.m.-12 p.m. |
Explore, Focus and Launch Your Career!

CareerStar is a suite of tools designed to help you choose your course of study and find a job based on your selected degree or certificate program.

Getting started? Deciding on your major?

CareerStar uses real-time data to help you learn about jobs that are in-demand for your professional areas of interest. CareerStar will help you understand which degree or certificate program you should enroll in to qualify for these positions. CareerStar will show the most successful pathways for advancement in your field. This tool will allow you to explore the skills that lead to successful job placement and help focus your course of study.

Preparing to graduate and ready to look for a job?

Use the Resume/Builder™ to create a professionally formatted resume through a personalized interview. This process is designed to highlight marketable skills and the kinds of experience employers are looking for. If you already have a resume, you can upload it to CareerStar.

After you build or upload your resume, CareerStar will deliver individualized matches based on your program of study, experiences, and qualifications. Job listings that match your goals are sent to you as soon as they are posted.

Need to speak with someone?

LSC-CyFair | 281.290.3260
CF-CareerServices@LoneStar.edu

LSC-Kingwood | 281.312.1624
Kingwood.CareerServices@LoneStar.edu

LSC-Montgomery | 936.271.6218
TRAC@LoneStar.edu

LSC-North Harris | 281.765.7928
Marchion.D.Wynne@LoneStar.edu

LSC-Tomball | 281.401.1892

LSC-University Park
281.401.5358 | Fonda.R.Johnson-Gaddie@LoneStar.edu
832.519.2855 | Marsha.N. Lindsay@LoneStar.edu
281.290.2997 | Shortel.S.Brent@LoneStar.edu
281.401.5358 | Jesusa.Deleon@LoneStar.edu

LoneStar.edu/Career-Services
ENGLISH FOR SPEAKERS OF OTHER LANGUAGES
Academic Preparation

FAST TRACK COURSES

Lab hours are included in Lecture Component. Department consent required. Contact the CTE office at a LSC campus to register.

COURSE LISTING:

ESOL Grammar I

ESOLC 3000801 64 Contact Hours $265

LSC-Creekside Center

14932 ESOLC 3000801 KT01 MW 1/27-5/10 9:30-11:30 a.m. Lab included in lecture. Students must also be enrolled in ESOL 0371.KT01.

LSC-CyFair

14616 ESOLC 3000801 5B01 MW 1/13-5/10 6:45-9:10 p.m. CASA 310

14622 ESOLC 3000801 5B05 MW 1/13-5/10 6:30-9:00 p.m. CASA 317

This is a BLOCK with ESOLC 3007201.5B05. Students must enroll in BOTH courses.

14618 ESOLC 3000801 5B01 TTh 1/13-5/10 8:30-10:15 a.m. CASA 317

Students must also enroll in ESOLC 3008201.5B01, ESOLC 3007201.5B01, ESOLC 3006201.5B01.

14620 ESOLC 3000801 5B03 TTh 1/13-5/10 2:15-4:45 p.m. CASA 317

This is a BLOCK with ESOLC 3007201.5B03. Students must enroll in BOTH courses.

ESOL Grammar II

ESOLC 3000802 64 Contact Hours $265

LSC-Creekside Center

14941 ESOLC 3000802 KT01 MW 1/27-5/10 9:30-11:30 a.m. Lab included in lecture. Students must also be enrolled in ESOL 0372.KT01.

LSC-CyFair

This is a BLOCK with ESOLC 3007201.5B05. Students must enroll in BOTH courses.

14618 ESOLC 3000802 5B01 TTh 1/13-5/10 8:30-10:15 a.m. CASA 317

Students must also enroll in ESOLC 3008201.5B01, ESOLC 3007201.5B01, ESOLC 3006201.5B01.

14620 ESOLC 3000802 5B03 TTh 1/13-5/10 2:15-4:45 p.m. CASA 317

This is a BLOCK with ESOLC 3007201.5B03. Students must enroll in BOTH courses.

LSC-Houston North Fairbanks

15162 ESOLC 3000802 FO01 MW 1/27-5/10 11:30 a.m.-1:30 p.m. Please see an ESOL Advisor at the Fairbanks location. Note: lab hours are included in the lecture component of this class. CE Students MUST also register in ESOLC Writing 2.

15165 ESOLC 3000802 FO03 MW 1/27-5/10 5:30-7:30 p.m. Please see an ESOL Advisor at the Fairbanks location. Note: lab hours are included in the lecture component of this class. CE Students MUST also register for ESOLC Writing 2.

LSC-Kingwood

14891 ESOLC 3000802 2001 TTh This course is linked with ESOL 0372 (ESOL Writing II) and must be taken concurrently (as a co-requisite). ESOL Grammar II is designed to support success in ESOL Writing II. Students cannot enroll in ESOL Grammar II without also enrolling in ESOL 0372.

14889 ESOLC 3000802 2001 TTh 1/13-5/10 8:30-10:20 a.m.

LSC-Montgomery

15079 ESOLC 3000802 4001 MW 1/13-5/10 9:10-10:20 a.m.

15080 ESOLC 3000802 4002 MW 1/13-5/10 10:20-11:30 a.m.

15084 ESOLC 3000802 4004 MW 1/13-5/10 10:20-11:30 a.m.

LSC-North Harris

15329 ESOLC 3000802 1101 TTh 1/13-5/10 8:50-10:50 a.m. ACAD 132

ESOL Grammar 2 is a Learning Community. Students must also enroll in ESOLC 3007201.

15334 ESOLC 3000802 1103 TTh 1/13-5/10 8:50-10:50 a.m. ACAD 167

ESOL Grammar 2 is a Learning Community. Students must also enroll in ESOLC 3007201.

15339 ESOLC 3000802 1105 TTh 1/13-5/10 6:30-8:30 p.m. ACAD 215

ESOL Grammar 2 is a Learning Community. Students must also enroll in ESOLC 3007201.

LSC-University Park

15127 ESOLC 3000802 6001 UPEMA 231

15128 ESOLC 3000802 6002 UPEMA 231

This is a co-requisite course. Students must register for both ESOL 0372.6L81 and ESOL 0392.6L81. Lab hours are included in Lecture Component.

15129 ESOLC 3000802 6003 UPEMA 231

15130 ESOLC 3000802 6004 UPEMA 231

This is a co-requisite course. Students must register for both ESOL 0372.6L83 and ESOL 0392.6L83. Lab hours are included in Lecture Component.

A $21 Infrastructure fee per semester applies to all students.
### English for Speakers of Other Languages

#### ESOL Grammar III

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<th>CRN</th>
<th>Course Title</th>
<th>Days</th>
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<td>14897</td>
<td>ESOLC 3000803</td>
<td>TTh</td>
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#### ESOL Oral Communication II

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#### LSC-Creekside Center

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#### LSC-CyFair

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#### LSC-Houston North Fairbanks

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#### LSC-Kingwood

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#### LSC-Tomball

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#### LSC-University Park

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**Notes:**
- Please see an ESOL Advisor at the Fairbanks location. Note: lab hours are included in the lecture component of this class.
- Lab hours included in lecture.
- Lab hours included in Lecture Component.
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- Lab hours included in Lecture Component.
- Lab hours included in Lecture Component.
- Lab hours included in Lecture Component.
ESOL Oral Communication III

ESOLC 3008301 64 Contact Hours $265

LSC-CyFair
14597 ESOLC 3008301 5B01 MW 1/135/10 10:30 a.m.-12:20 p.m. CASA 318
Students must also enroll in ESOLC 3006301.5B01, ESOLC 3007301.5B01, ESOLC 3000803.5B01.

14599 ESOLC 3008301 5003 MW 1/135/10 12:30-2:20 p.m. CASA 318

14602 ESOLC 3008301 5005 TTh 1/135/10 6-7:45 p.m. CASA 318

LSC-Houston North Fairbanks
15598 ESOLC 3008301 F001 TTh 1/275/10 9-11 a.m. 
Please see an ESOL Advisor at the Fairbanks location. Note: lab hours are included in the lecture component of this class.

15602 ESOLC 3008301 F003 TTh 1/275/10 8-10 a.m. 
Please see an ESOL Advisor at the Fairbanks location. Note: lab hours are included in the lecture component of this class.

LSC-Kingwood
14870 ESOLC 3008301 2002 MW 

14889 ESOLC 3008301 2001 MW 1/135/10 11 a.m.-12:50 p.m.

LSC-Montgomery
15057 ESOLC 3008301 4201 TTh 1/135/10 12:10 p.m.

15059 ESOLC 3008301 4202 TTh 1/135/10 12:10 p.m.

15061 ESOLC 3008301 4203 TTh 1/135/10 12:10 p.m.

15063 ESOLC 3008301 4204 TTh 1/135/10 12:10 p.m.

LSC-North Harris
15405 ESOLC 3008301 1101 MW 1/135/10 10-11:50 a.m. ACAD 131

15407 ESOLC 3008301 1301 MW 1/135/10 8:50-10:50 a.m. ACAD 167

LSC-Tomball
14901 ESOLC 3008301 KT01 TTh 1/275/10 11:40 a.m.-1:40 p.m. Lab included in lecture.

LSC-University Park
15115 ESOLC 3008301 6001 UPE 231

15116 ESOLC 3008301 6002 UPE 231

Lab hours are included in Lecture Component

15117 ESOLC 3008301 6003 UPE 231

15118 ESOLC 3008301 6004 UPE 231

Lab hours are included in Lecture Component

15119 ESOLC 3008301 6005 UPE 231

15120 ESOLC 3008301 6006 UPE 231

Lab hours are included in Lecture Component

ESOL Reading I

ESOLC 3006101 64 Contact Hours $265

LSC-Creekside Center
14773 ESOLC 3006101 KT01 TTh 1/275/10 9:30-11:30 a.m. 
Lab included in lecture.

LSC-CyFair
14421 ESOLC 3006101 5B01 MW 1/135/10 8:30-10:20 a.m. CASA 310
Students must also enroll in ESOLC 3000800.5B01, ESOLC 3007101.5B01, ESOLC 3000803.5B01.

14486 ESOLC 3006101 5003 MW 1/135/10 2:30-4:20 p.m. CASA 310

14489 ESOLC 3006101 5005 TTh 1/135/10 7-8:50 a.m. CASA 310

LSC-Houston North Fairbanks
15489 ESOLC 3006101 F001 TTh 1/275/10 11:30 a.m.-1:30 p.m. 
Please see an ESOL Advisor at the Fairbanks location. Note: lab hours are included in the lecture component of this class.

15493 ESOLC 3006101 F003 TTh 1/275/10 5-7:30 p.m. 
Please see an ESOL Advisor at the Fairbanks location. Note: lab hours are included in the lecture component of this class.

LSC-Kingwood
14844 ESOLC 3006101 2001 MW 1/135/10 9-10:50 a.m.

14845 ESOLC 3006101 2002 MW

LSC-Montgomery
14958 ESOLC 3006101 4201 TTh 1/135/10 9-10:20 a.m.

14960 ESOLC 3006101 4202 TTh 1/135/10 10:20-11:50 a.m.

LSC-North Harris
14976 ESOLC 3006101 1101 MW 1/135/10 8:50 a.m. ACAD 134

14979 ESOLC 3006101 1103 MW 1/135/10 8:50 a.m. ACAD 139

14984 ESOLC 3006101 1301 MW 1/135/10 6-7:50 p.m. ACAD 132

LSC-University Park
14994 ESOLC 3006101 6001 UPE 231

14996 ESOLC 3006101 6002 UPE 231

Lab hours are included in Lecture Component

14998 ESOLC 3006101 6003 UPE 231

14999 ESOLC 3006101 6004 UPE 231

Lab hours are included in Lecture Component
**ESOL Reading III**

<table>
<thead>
<tr>
<th>Course</th>
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<tr>
<td>ESOLC</td>
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LSC-CyFair: 14503

LSC-Kingwood: 14504

LSC-Montgomery: 14966

LSC-North Harris: 15042

LSC-Houston North Fairbanks: 15504

Please see an ESOL Advisor at the Fairbanks location. Note: lab hours are included in the lecture component of this class.

**ESOL Reading IV**

<table>
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<tr>
<th>Course</th>
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LSC-CyFair: 14511

LSC-Kingwood: 14850

LSC-Montgomery: 14967

LSC-North Harris: 15045

LSC-Houston North Fairbanks: 15505

Please see an ESOL Advisor at the Fairbanks location. Note: lab hours are included in the lecture component of this class.

**ESOL Reading V**

<table>
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LSC-CyFair: 14531

LSC-Kingwood: 14851

LSC-Montgomery: 14970

LSC-North Harris: 15050

LSC-Houston North Fairbanks: 15506

Please see an ESOL Advisor at the Fairbanks location. Note: lab hours are included in the lecture component of this class.

**ESOL Writing I**

<table>
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<td>ESOLC</td>
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LSC-CyFair: 14561

LSC-Kingwood: 14852

LSC-Montgomery: 14971

LSC-North Harris: 15053

LSC-Houston North Fairbanks: 15507

Please see an ESOL Advisor at the Fairbanks location. Note: lab hours are included in the lecture component of this class.

**ESOL Writing II**

<table>
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<tr>
<th>Course</th>
<th>CRN</th>
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<td>ESOLC</td>
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LSC-CyFair: 14562

LSC-Kingwood: 14853

LSC-Montgomery: 14972

LSC-North Harris: 15054

LSC-Houston North Fairbanks: 15508

Please see an ESOL Advisor at the Fairbanks location. Note: lab hours are included in the lecture component of this class.
ESOL Writing II

ESOLC 3007201 64 Contact Hours $265

LSC-CyFair

14568 ESOLC 3007201 5805 MW 1/135/10 8:50 p.m. CASA 317

This is a BLOCK with ESOLC 3000802-5805. Students must enroll in BOTH courses.

14563 ESOLC 3007201 5801 TTh 1/135/10 10:25 a.m.-12:10 p.m. CASA 317

Students must also enroll in ESOLC 3008201.5801, ESOLC 3006201.5801, ESOLC 3000802.5801.

14565 ESOLC 3007201 5803 TTh 1/135/10 12:20-2:05 p.m. CASA 317

This is a BLOCK with ESOLC 3000802.5803. Students must enroll in BOTH courses.

LSC-Houston North

Fairbanks

15571 ESOLC 3007201 F001 MW 1/275/10 9-11 a.m.

Please see an ESOL Advisor at the Fairbanks location. Note: Lab hours are included in the lecture component of this class. CE Students MUST also register for ESOLC Grammar 2.

15573 ESOLC 3007201 F003 MW 1/275/10 8-10 a.m.

Please see an ESOL Advisor at the Fairbanks location. Note: Lab hours are included in the lecture component of this class. CE Students MUST also register for ESOLC Grammar 2.

LSC-Kingwood

14854 ESOLC 3007201 2011 TTh 1/135/10 10:30 a.m.-12:20 p.m.

14855 ESOLC 3007201 202 TTh

This course is linked with ESOL 0392 (ESOL Grammar II) and must be taken concurrently (as a corequisite). ESOL Grammar II is designed to support success in ESOL Writing II. Students cannot enroll in ESOL Writing II without also enrolling in ESOL 0392.

LSC-Montgomery

14995 ESOLC 3007201 4011 MW 1/135/10 12:10 p.m. MCG 6123

14997 ESOLC 3007201 402 MW 1/135/10 1:20-1:50 p.m. MCG 6123

15002 ESOLC 3007201 403 MW 1/135/10 12:10-12:20 p.m.

15004 ESOLC 3007201 404 MW 1/135/10 1:20-1:50 p.m.

LSC-North Harris

15274 ESOLC 3007201 1101 TTh 1/135/10 10:15 a.m. ACAD 132

ESOL Writing 2 is a Learning Community. Students must also enroll in ESOLC 3000802.

15277 ESOLC 3007201 1103 TTh 1/135/10 10:15 a.m. ACAD 167

ESOL Writing 2 is a Learning Community. Students must also enroll in ESOLC 3000802.

15279 ESOLC 3007201 1105 TTh 1/135/10 8:50 p.m. ACAD 215

ESOL Writing 2 is a Learning Community. Students must also enroll in ESOLC 3000802.

LSC-Tomball

14815 ESOLC 3007201 KT01 MW 1/275/10 11:40 a.m.-1:40 p.m.

Lab included in lecture.
<table>
<thead>
<tr>
<th>Course Listing</th>
<th>Contact Hours</th>
<th>Campus Location</th>
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<tbody>
<tr>
<td><strong>ESOL Writing IV</strong></td>
<td>64</td>
<td>LSC-Creekside Center</td>
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<tr>
<td>14824 ESOL 3007401 KT01 MW</td>
<td>6/4 Contact Hours</td>
<td>1/27/5/10 11:40 a.m.-1:40 p.m.</td>
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<tr>
<td>14825 ESOL 3007401 KT02 MW</td>
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<tr>
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<tr>
<td>14584 ESOL 3007501 5001 MW</td>
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<td>15590 ESOL 3007501 5001 MW</td>
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<th><strong>ESOL Grammar for Writing V</strong></th>
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<td>14946 ESOL 3008005 KT01 MW</td>
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<td>15625 ESOL 3008005 KT01 MW</td>
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<th><strong>LSC-East Aldine Center</strong></th>
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<tr>
<td>15358 ESOL 3008000 LX01 M-Th</td>
<td>1/35/10 8:30-10:20 a.m.</td>
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<td>15362 ESOL 3008000 LX03 M-Th</td>
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<tbody>
<tr>
<td>15144 ESOL 3008005 KT02</td>
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<th><strong>LSC-West Valley Center</strong></th>
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<tr>
<td>15406 ESOL 3008005 KT02</td>
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<tr>
<td>14947 ESOL 3008005 KT02</td>
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<td>14604 ESOL 3008001 KT01</td>
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<th><strong>LSC-Houston North Fairbanks</strong></th>
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</thead>
<tbody>
<tr>
<td>14608 ESOL 3008001 KT02</td>
<td>64 Contact Hours</td>
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</table>
**LSC-Houston North Fairbanks**

14729 ESOLC 3000800 1201 M 1/13/20 7:50-9:50 p.m. 14421 LSC-Houston North Fairbanks

Pronunciation: Please see an ESOL Advisor at the Fairbanks location. Note: lab hours are included in the lecture component of this class.

14736 ESOLC 3000800 1202 M 1/13/20 9:30-11:30 a.m. 14422 LSC-Houston North Fairbanks

Fundamentals of English 1.

14739 ESOLC 3000800 1203 TTh 1/13/20 10-11:50 a.m. 14423 LSC-Houston North Fairbanks

ESOL Oral Communication 1. Lab hours are included in Lecture Component.

LSM-University Park

14740 ESOLC 3000800 2001 M-Th 1/13/20 9:30-11:30 a.m. 14424 LSC-Houston North Fairbanks

English for Speakers of Other Languages

Pronunciation: Please see an ESOL Advisor at the Fairbanks location. Note: lab hours are included in the lecture component of this class.

14741 ESOLC 3000800 2002 M-Th 1/13/20 11-1:20 p.m. 14425 LSC-Houston North Fairbanks

TOEFL Prep. Access your online course at LoneStar.edu/LSC-Online. Internet access is required. Instruction Type: Online

14742 ESOLC 3000800 2003 M-Th 1/13/20 1:20-3:30 p.m. 14426 LSC-Houston North Fairbanks

Fundamentals of English 2.

14743 ESOLC 3000800 2004 M-Th 1/13/20 3:30-5:40 p.m. 14427 LSC-Houston North Fairbanks

Integrated Reading and Writing for ESOL

Adult Basic Education Preparation

FAST TRACK COURSES

Restricted to Adult Education and Literacy students only. Orientation and Testing required prior to registration. For more information, contact the AEL Office at LSC-Houston North Greenspoint (Suite 200) at 281.260.3576 or email GCAdultEd@LoneStar.edu. Department consent may be required. Contact the CTE office at a LSC campus to register.

**COURSE LISTING:**

**ABE EL Civics and Citizenship Workshop**

ENGLC 6400016 16 Contact Hours $0

**LSC-Houston North Greenspoint**

14719 ENGLC 6400016 6001 Sa 2/13/22 9 a.m.-1 p.m. LSC-Houston North Greenspoint

14728 ENGLC 6400016 6002 Sa 5/25/23 9 a.m.-1 p.m. LSC-Houston North Greenspoint

14737 ENGLC 6400016 6003 Sa 2/13/22 9 a.m.-1 p.m. LSC-Houston North Greenspoint

14736 ENGLC 6400016 6004 Sa 5/25/23 9 a.m.-1 p.m. LSC-Houston North Greenspoint

**LSC-Montgomery**

14737 ENGLC 6400016 6005 Sa 2/13/22 9 a.m.-1 p.m. LSC-Montgomery

14736 ENGLC 6400016 6006 Sa 5/25/23 9 a.m.-1 p.m. LSC-Montgomery

14737 ENGLC 6400016 6007 Sa 2/13/22 9 a.m.-1 p.m. LSC-Montgomery

14736 ENGLC 6400016 6008 Sa 5/25/23 9 a.m.-1 p.m. LSC-Montgomery

14737 ENGLC 6400016 6009 Sa 2/13/22 9 a.m.-1 p.m. LSC-Montgomery

14736 ENGLC 6400016 6010 Sa 5/25/23 9 a.m.-1 p.m. LSC-Montgomery

14737 ENGLC 6400016 6011 Sa 2/13/22 9 a.m.-1 p.m. LSC-Montgomery

14736 ENGLC 6400016 6012 Sa 5/25/23 9 a.m.-1 p.m. LSC-Montgomery

14737 ENGLC 6400016 6013 Sa 2/13/22 9 a.m.-1 p.m. LSC-Montgomery

14736 ENGLC 6400016 6014 Sa 5/25/23 9 a.m.-1 p.m. LSC-Montgomery

14737 ENGLC 6400016 6015 Sa 2/13/22 9 a.m.-1 p.m. LSC-Montgomery

14736 ENGLC 6400016 6016 Sa 5/25/23 9 a.m.-1 p.m. LSC-Montgomery

14737 ENGLC 6400016 6017 Sa 2/13/22 9 a.m.-1 p.m. LSC-Montgomery

14736 ENGLC 6400016 6018 Sa 5/25/23 9 a.m.-1 p.m. LSC-Montgomery

14737 ENGLC 6400016 6019 Sa 2/13/22 9 a.m.-1 p.m. LSC-Montgomery

14736 ENGLC 6400016 6020 Sa 5/25/23 9 a.m.-1 p.m. LSC-Montgomery

14737 ENGLC 6400016 6021 Sa 2/13/22 9 a.m.-1 p.m. LSC-Montgomery

14736 ENGLC 6400016 6022 Sa 5/25/23 9 a.m.-1 p.m. LSC-Montgomery

14737 ENGLC 6400016 6023 Sa 2/13/22 9 a.m.-1 p.m. LSC-Montgomery

14736 ENGLC 6400016 6024 Sa 5/25/23 9 a.m.-1 p.m. LSC-Montgomery

14737 ENGLC 6400016 6025 Sa 2/13/22 9 a.m.-1 p.m. LSC-Montgomery

14736 ENGLC 6400016 6026 Sa 5/25/23 9 a.m.-1 p.m. LSC-Montgomery

14737 ENGLC 6400016 6027 Sa 2/13/22 9 a.m.-1 p.m. LSC-Montgomery

14736 ENGLC 6400016 6028 Sa 5/25/23 9 a.m.-1 p.m. LSC-Montgomery

14737 ENGLC 6400016 6029 Sa 2/13/22 9 a.m.-1 p.m. LSC-Montgomery

14736 ENGLC 6400016 6030 Sa 5/25/23 9 a.m.-1 p.m. LSC-Montgomery

14737 ENGLC 6400016 6031 Sa 2/13/22 9 a.m.-1 p.m. LSC-Montgomery

14736 ENGLC 6400016 6032 Sa 5/25/23 9 a.m.-1 p.m. LSC-Montgomery

14737 ENGLC 6400016 6033 Sa 2/13/22 9 a.m.-1 p.m. LSC-Montgomery
## Community Education

### English for Speakers of Other Languages

<table>
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<tr>
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<th>Code</th>
<th>Contact Hours</th>
<th>Location</th>
<th>Schedule</th>
<th>Fee</th>
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<tr>
<td>ABE ESL Basic - Literacy</td>
<td>ENGL 6400010</td>
<td>72 Contact Hours</td>
<td>$0</td>
<td>LSC-East Aldine Center</td>
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<td>ABE ESL I - Low Beginning</td>
<td>ENGL 6400011</td>
<td>72 Contact Hours</td>
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<td>1/14-2/10 9 a.m.-12 p.m.</td>
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<td>ABE ESL for the Workplace Beginning Level</td>
<td>ENGL 6400012</td>
<td>72 Contact Hours</td>
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<td>LSC-CyFair</td>
<td>2/4 2/23 2:30 p.m.</td>
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<tr>
<td>ABE ESOL Intermediate Level</td>
<td>ENGL 6400013</td>
<td>72 Contact Hours</td>
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<td>LSC-CyFair</td>
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### LSC-Montgomery

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<td>LSC-Montgomery</td>
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### LSC-North Harris

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<tr>
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</table>

### Career & Technical Education

**Come and learn about Fast Track Certificates, GED Test preparation courses and English for Speakers of Other Languages (ESOL) classes**

**INFORMATION SESSIONS**

CMED 101  
Noon-1 p.m. | 5-6 p.m.

**LSC-North Harris**

<table>
<thead>
<tr>
<th>Date</th>
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<th>Time</th>
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<tbody>
<tr>
<td>January 6, 2020</td>
<td>LSC-North Harris</td>
<td>Noon-1 p.m.</td>
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<tr>
<td>February 3, 2020</td>
<td>LSC-North Harris</td>
<td>5-6 p.m.</td>
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<tr>
<td>March 2, 2020</td>
<td>LSC-North Harris</td>
<td>Noon-1 p.m.</td>
</tr>
<tr>
<td>April 6, 2020</td>
<td>LSC-North Harris</td>
<td>5-6 p.m.</td>
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</tbody>
</table>
Arabic
FAST TRACK COURSES

For more information, please contact Maurice.N.Abboud@LoneStar.edu. Lab hours are included in Lecture Component. Department consent may be required. Contact the CTE office at a LSC campus to register.

COURSE LISTING:

Arabic I, Beginning
ARABC 3000001 80 Contact Hours $329
LSC-Tomball
14428 ARABC 3000001 301 1/27/10
For more information, contact Maurice.N.Abboud@LoneStar.edu. Instruction Type: Online

Chinese
FAST TRACK COURSES

This is a 14-week late start class. This class requires proctored exams. If you are not able to take exams at a Lone Star College Assessment Center, a cost may be incurred. Please contact the testing facility you plan to use. Lab included in lecture. Department consent may be required. Contact the CTE office at a LSC campus to register.

COURSE LISTING:

Chinese I, Beginning
CHINC 3101101 80 Contact Hours $329
LSC-Tomball
14982 CHINC 3101101 301 1/27/10
Lab included in lecture. For more information, contact Tian.Heting@LoneStar.edu. Instruction Type: Online

Chinese II,
CHINC 3101102 80 Contact Hours $329
LSC-Tomball
14993 CHINC 3101102 301 1/27/10
Instruction Type: Online
15000 CHINC 3101102 302 1/27/10
Lab included in lecture. For more information, contact Tian.Heting@LoneStar.edu. Instruction Type: Online

French
FAST TRACK COURSES

This class requires proctored exams. If you are not able to take exams at a Lone Star College Assessment Center, a cost may be incurred. Please contact the testing facility you plan to use. Lab included in lecture. Department consent required. Contact the CTE office at a LSC campus to register.

COURSE LISTING:

French I, Beginning
FRENC 3141101 80 Contact Hours $289
LSC-Tomball
15071 FRENC 3141101 301 1/27/10
Lab included in lecture. Instruction Type: Online
LSC-University Park
15161 FRENC 3141101 6001 UP-EMI 231
Instruction Type: Online
15161 FRENC 3141101 6001 UP-EMI 212
Instruction Type: Online
15162 FRENC 3141101 6002 UP-EMI 231
Internet access is required. Access your online course at LoneStar.edu/LSC-Online. Instruction Type: Online

French II, Beginning
FRENC 3141201 80 Contact Hours $329
LSC-Tomball
15095 FRENC 3141201 301 1/27/10
Lab included in lecture. Instruction Type: Online
LSC-University Park
15169 FRENC 3141201 6001 UP-EMI 212
Instruction Type: Online
15169 FRENC 3141201 6001 UP-EMI 231
Instruction Type: Online
15170 FRENC 3141201 6002 UP-EMI 231
Lab hours are included in Lecture Component. Access your online course at LoneStar.edu/LSC-Online. Internet access is required. Instruction Type: Online

French I, Intermediate
FRENC 3231101 48 Contact Hours $250
LSC-University Park
15172 FRENC 3231101 6001 UP-EMI 231
Access your online course at LoneStar.edu/LSC-Online Instruction Type: Online
15172 FRENC 3231101 6001 UP-EMI 212
Access your online course at LoneStar.edu/LSC-Online Instruction Type: Online

French II, Intermediate
FRENC 3231201 48 Contact Hours $220
LSC-University Park
15174 FRENC 3231201 6001 UP-EMI 212
Access your online course at LoneStar.edu/LSC-Online Instruction Type: Online
15174 FRENC 3231201 6001 UP-EMI 231
Access your online course at LoneStar.edu/LSC-Online Instruction Type: Online
# German

**FAST TRACK COURSES**

This class requires proctored exams. If you are not able to take exams at a Lone Star College Assessment Center, a cost may be incurred. Please contact the testing facility you plan to use. Lab included in lecture. Department consent required. Contact the CTE office at a LSC campus to register.

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<tbody>
<tr>
<td><strong>German I, Beginning</strong></td>
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<td>GERMC 3200001</td>
<td>80 Contact Hours</td>
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# Japanese

**FAST TRACK COURSES**

This class requires proctored exams. If you are not able to take exams at a Lone Star College Assessment Center, a cost may be incurred. Please contact the testing facility you plan to use. Lab included in lecture. Department consent required. Contact the CTE office at a LSC campus to register.

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<td>15211 JAPNC 3101201 3T02</td>
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# Spanish

**FAST TRACK COURSES**

This class requires proctored exams. If you are not able to take exams at a Lone Star College Assessment Center, a cost may be incurred. Please contact the testing facility you plan to use. Lab included in lecture. Department consent required. Contact the CTE office at a LSC campus to register.

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<td>15560 SPANC 3141101 2804 TTh</td>
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<td>Access your online course at LoneStar.edu/LSC-Online. PC and internet access required. Students must have textbook by third day of semester. Instruction Type: Online</td>
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<td>1/13/5/10</td>
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<td>15226 SPANC 3141101 4N02 MW</td>
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<td>Lab hours are included in Lecture Component. This class requires independent online work and face to face class participation. Internet access is required. Instruction Type: Hybrid, Internet</td>
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<td>Lab hours are included in Lecture Component</td>
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Linked with a credit course. See page 93 for requirements.
Community Education

Languages

Beginning Spanish II
SPANC 3141201 80 Contact Hours $329

LSC-Kingwood
15565 SPANC 3141201 2803
15666 SPANC 3141201 2804
Access your online class at LoneStar.edu/LSC-Online. PC and internet access required. Students must have textbook by third day of semester.

LSC-Montgomery
15230 SPANC 3141201 4001 1/12-5/10 10:30 a.m.-12:20 p.m. MC6G105
15233 SPANC 3141201 4002 1/12-5/10 11:55 a.m.-12:35 p.m. MC6G105

LSC-University Park
15186 SPANC 3141201 6001 UP13 305
15187 SPANC 3141201 6002 UP13 305
Lab hours are included in Lecture Component. Internet access is required. Access your online course at LoneStar.edu/LSC-Online Instruction Type: Online

Intermediate Spanish I
SPANC 3231101 48 Contact Hours $250

LSC-Kingwood
15557 SPANC 3231101 2001
15580 SPANC 3231101 2802 Instruction Type: Online

LSC-University Park
15195 SPANC 3231101 6001 UP13 305
Internet access is required. Access your online course at LoneStar.edu/LSC-Online Instruction Type: Online

Intermediate Spanish II
SPANC 3231201 48 Contact Hours $250

LSC-University Park
15197 SPANC 3231201 6001 UP13 305
Internet access is required. Access your online course at LoneStar.edu/LSC-Online Instruction Type: Online

Spanish I, Conversational
SPANC 3100134 24 Contact Hours $156

LSC-Montgomery
14300 SPANC 3100134 4001 Th 2/18/4 12-2 p.m. MCE E204
14301 SPANC 3100134 4002 Th 2/18/4 6-8 p.m. MCE E204
14302 SPANC 3100134 4003 Th 4/14/21 12-2 p.m. MCE E204
1497 SPANC 3100134 4001 Th 6/27/9 12-2 p.m. MCE E204
This is a combined class, combined with level II No 1498.

LSC-Tomball
10938 SPANC 3100134 3001 Th 1/283/5 9-11 a.m.

LSC-University Park
13825 SPANC 3100134 6001 Sa 1/11-12/15 9 a.m.-1 p.m. UP13 305

Spanish II, Conversational
SPANC 3100135 24 Contact Hours $156

LSC-Montgomery
14302 SPANC 3100135 4001 Th 2/18/4 12-2 p.m. MCE E204
This is a combined class, combined with level I class No 14300.
14304 SPANC 3100135 4002 Th 2/18/4 6-8 p.m. MCE E204
This is a combined class, combined with level I class No 14301.
14305 SPANC 3100135 4003 Th 4/14/21 12-2 p.m. MCE E204
This is a combined class, combined with level I No 14302.
1498 SPANC 3100135 4001 Th 6/27/9 12-2 p.m. MCE E204
This is a combined class, combined with level I No 1497.

LSC-Tomball
10940 SPANC 3100135 3001 Th 3/17/4/23 9-11 a.m.

LSC-University Park
13826 SPANC 3100135 6001 Sa 2/22/4 9 a.m.-1 p.m. UP13 305

Spanish III, Conversational
SPANC 3100136 24 Contact Hours $156

LSC-Montgomery
14306 SPANC 3100136 4001 Th 4/14/21 12-2 p.m. MCE E204
This is a combined class, combined with level IV No 14308.
14307 SPANC 3100136 4002 Th 4/14/21 6-10 p.m. MCE E204
This is a combined class, combined with level IV No 14309.
1499 SPANC 3100136 4001 Th 7/21/8/27 12-2 p.m. MCE E204
This is a combined class, combined with level IV No 1500. No class 7/2.

Spanish IV, Conversational
SPANC 3100137 24 Contact Hours $156

LSC-Montgomery
14008 SPANC 3100137 4001 Th 4/14/21 12-2 p.m. MCE E204
This is a combined class, combined with level III No 14306.
14309 SPANC 3100137 4002 Th 4/14/21 6-10 p.m. MCE E204
This is a combined class, combined with level III No 14307.
1500 SPANC 3100137 4001 Th 7/21/8/27 12-2 p.m. MCE E204
This is a combined class, combined with level III No 1499. No class 7/2.

American Sign Language

FAST TRACK COURSES

This class requires proctored exams. If you are not able to take exams at a Lone Star College Assessment Center, a cost may be incurred. Please contact the testing facility you plan to use. Lab included in lecture. Department consent required. Contact the CTE office at a LSC campus to register.

COURSE LISTING:

Beginning American Sign Language I
SGNLC 3100101 80 Contact Hours $331

LSC-North Harris
15470 SGNLC 3100101 1101 MW 1/13-5/10 9-11:20 a.m. ACAD 163
15472 SGNLC 3100101 1301 MW 1/13-5/10 6:20 p.m. ACAD 161

Beginning American Sign Language II
SGNLC 3100201 80 Contact Hours $331

LSC-North Harris
15476 SGNLC 3100201 1201 MW 1/13-5/10 6-8:20 p.m. ACAD 161
15474 SGNLC 3100201 1101 MW 3/16-5/10 9 a.m.-12 p.m. ACAD 161

Instruction Type: Hybrid, Internet

Search & Register for classes online at LoneStar.edu/CE
LEISURE LEARNING
Arts & Crafts
FAST TRACK COURSES

Lab included in lecture component. Department consent required. Contact the CTE office at a LSC campus to register.

COURSE LISTING:

Ceramics I
ARTSC 3234601 96 Contact Hours $300

LSC-CyFair
15342 ARTSC 3234601 5005 MW 1/135/10 6:15-9:10 p.m. ART 117
A supply list will be provided on the first day of class. Field trip may be required.
15337 ARTSC 3234601 5003 TTh 1/135/10 10:30 a.m.-1:20 p.m. ART 117
A supply list will be provided on the first day of class. Field trip may be required.
15332 ARTSC 3234601 5001 TTh 1/135/10 2:45 p.m. ART 117
A supply list will be provided on the first day of class. Field trip may be required.

LSC-Kingwood
1820 ARTSC 3234601 2100
15641 ARTSC 3234601 2001 MW 1/135/10 10 a.m.-12:50 p.m. CLB 123
15642 ARTSC 3234601 2002 MW 1/135/10 1:30-4:20 p.m. CLB 123
15643 ARTSC 3234601 2003 TTh 1/135/10 6:30-9:30 p.m. CLB 123
15644 ARTSC 3234601 2081 1/135/10

LSC-Montgomery
15185 ARTSC 3234601 4101 MW 1/135/10 10:11 a.m. MCC 0102
15193 ARTSC 3234601 4103 MW 1/135/10 1:22 p.m. MCC 0102

LSC-North Harris
15428 ARTSC 3234601 1005 MW 1/135/10 6:30-9:30 p.m. ARTS 110
15424 ARTSC 3234601 1001 TTh 1/135/10 9:30 a.m. ARTS 110
15426 ARTSC 3234601 1003 TTh 1/135/10 12:30-2:30 p.m. ARTS 110

Ceramics II
ARTSC 3234701 96 Contact Hours $300

LSC-CyFair
15352 ARTSC 3234701 5005 MW 1/135/10 6:15-9:10 p.m. ART 117
A supply list will be provided on the first day of class. Field trip may be required.
15350 ARTSC 3234701 5003 TTh 1/135/10 10:30 a.m.-1:20 p.m. ART 117
A supply list will be provided on the first day of class. Field trip may be required.
15347 ARTSC 3234701 5001 TTh 1/135/10 2:45 p.m. ART 117
A supply list will be provided on the first day of class. Field trip may be required.

LSC-Kingwood
1822 ARTSC 3234701 2100
15647 ARTSC 3234701 2001 MW 1/135/10 10 a.m.-12:50 p.m. CLB 123
15648 ARTSC 3234701 2002 MW 1/135/10 1:30-4:20 p.m. CLB 123
15649 ARTSC 3234701 2003 TTh 1/135/10 6:30-9:30 p.m. CLB 123
15650 ARTSC 3234701 2081 1/135/10

LSC-Montgomery
15196 ARTSC 3234701 4201 TTh 1/135/10 11 a.m.-2:20 p.m. MCC 0102

Design II 3-D
ARTSC 3131101 96 Contact Hours $290

LSC-University Park
15147 ARTSC 3131201 6001 UPEMI 231
Lab hours are included in Lecture Component.
Photography I
PHOTC 3235601 96 Contact Hours $300
LSC-CyFair
15354 PHOTO 3235601 5001 MW 1/13-5/10 10:30 a.m.-12:20 p.m. ART 118
A 35mm SLR Film camera is required for this creative/art photography course. A list of other required supplies will be provided on the first day of class. Includes digital photography processes. A digital 35 mm SLR is optional.
15356 PHOTO 3235601 5003 TTh 1/13-5/10 10:30 a.m.-1:20 p.m. ART 118
Emphasis in this class is on digital photography processes. A digital 35 mm SLR is required. A list of required supplies will be provided on the first day of class.
LSC-Montgomery
15208 PHOTO 3235601 4201 TTh 1/13-5/10 11 a.m.-12:20 p.m. MCQ 2000
15199 PHOTO 3235601 4101 MW 1/27-5/10 11:30 a.m.-12:50 p.m. MCQ 2000
Contact the CTE office at a LSC campus to register.
Lab included in lecture component. Department consent required.

Photography II
PHOTC 3235701 96 Contact Hours $300
LSC-CyFair
15359 PHOTO 3235701 5001 TTh 1/13-5/10 10:30 a.m.-1:20 p.m. ART 118
Emphasis in this class is on digital photography processes. A digital 35 mm SLR is required. A list of required supplies will be provided on the first day of class.
LSC-Montgomery
15203 PHOTO 3235701 4101 MW 1/27-5/10 11:30 a.m.-12:50 p.m. MCQ 2000
14959 PHOTO 3235701 3001 TTh 1/13-5/10 9:30 a.m.-12:15 p.m. E 266
Photo students must have a 35mm camera that can be made fully manual.

College Interests
FAST TRACK COURSES
Lab included in lecture component. Department consent required. Contact the CTE office at a LSC campus to register.

COURSE LISTING:
Business Computer Applications
BCISC 3100501 80 Contact Hours $277
LSC-University Park
15380 BOSC 3100501 6003 MW 1/13-5/10 6:30-6:55 p.m. UP13 715
Focus on Yoga. Students should not purchase textbook until after first class meeting.
15382 BOSC 3100501 6005 TTh 1/13-5/10 8:00-8:55 a.m. UP13 715
Focus on Weight Training. Students should not purchase textbook until after first class meeting.
15378 BOSC 3100501 6001 1/13-5/10
This is an online class and requires internet access. Proctored testing required. Access your online course at LoneStar.edu/LSC-Online. Lab hours are included in Lecture Component. Instruction Type: Online

Introduction to Computers
COSCC 3100101 64 Contact Hours $292
LSC-Kingwood
15653 COSCC 3100101 2001 TTh 1/13-5/10 10:30 a.m.-12:20 p.m. TIB 206
Students must have access to software and Internet. This course utilizes Microsoft Office 2016. Access your online class at LoneStar.edu/LSC-Online. For more information email Lisa.M.Hall@LoneStar.edu. Instruction Type: Online
LSC-University Park
15432 COSCC 3100101 6001 1/13-5/10
This is an online class and requires internet access. Proctored testing required. Access your online course at LoneStar.edu/LSC-Online Instruction Type: Online

Writing, Creative
ENGLC 3230701 48 Contact Hours $265
LSC-Kingwood
15583 ENGLC 3230701 2001 1/13-5/10 1:30-2:50 p.m. MCG 211
1538 ENGLC 3230701 4W01 2/10/20
Lab included in lecture component. Department consent required. Contact the CTE office at a LSC campus to register.

Introduction to Physical Fitness & Wellness
PHEDC 3116401 48 Contact Hours $101
LSC-Kingwood
15920 PHEDC 3116401 2001 MUS 118
Focus on Yoga. Students should not purchase textbook until after first class meeting.
15532 PHEDC 3116401 2025
Focus on Tennis. Students should not purchase textbook until after first class meeting.
15923 PHEDC 3116401 2003 MW 1/13-5/10 10:10-11:30 a.m. FTC 106
Focus on Cross Training. Students should not purchase textbook until after first class meeting.
15939 PHEDC 3116401 2013 MW 1/13-5/10 1:30-2:50 p.m. FTC 105
Focus on Yoga. Students should not purchase textbook until after first class meeting.
15299 PHEDC 3116401 2005 TTh 1/13-5/10 8:00 a.m. FTC 106
Focus on Weight Training. Students should not purchase textbook until after first class meeting.
15302 PHEDC 3116401 2007 TTh 1/13-5/10 8:30-10:50 a.m. FTC 101
Focus on Weight Training. Students should not purchase textbook until after first class meeting.
15541 PHEDC 3116401 2033 TTh 1/13-5/10 9:30-10:50 a.m. FTC 106
Focus on Yoga. Students should not purchase textbook until after first class meeting.
15434 PHEDC 3116401 2017 TTh 1/13-5/10 11:00-12:20 p.m. FTC 105
15512 PHEDC 3116401 2019 TTh 1/13-5/10 1:30-2:50 p.m. FTC 106
Focus on Weight Training. Students should not purchase textbook until after first class meeting.
15519 PHEDC 3116401 2021 TTh 1/13-5/10 1:30-2:50 p.m. FTC 105
Focus on Yoga. Students should not purchase textbook until after first class meeting.
### Tai Chi I

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16459 PHEDC 3113001 3T01 E154

This class involves SELF DEFENSE TECHNIQUES and instructions.

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### Weight Training I

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3679 PHEDC 3111201 1001 MW 1/13-5/10 10:30-11:50 a.m. HLPE 112
3680 PHEDC 3111201 1002 TTh 1/13-5/10 7:30-8:50 a.m. HLPE 113
3680 PHEDC 3111201 1002 TTh 1/13-5/10 7:30-8:50 a.m. HLPE 113

For further information contact Aaron.Alon@LoneStar.edu

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### Performing Arts

#### FAST TRACK COURSES

Lab included in lecture component. Department consent required. Contact the CTE office at a LSC campus to register.

**COURSE LISTING:**

#### Acting I

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15232 DRAMC 3135101 6001

#### American Music

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15330 MUSIC 3101001 6001
15336 MUSIC 3101001 6002

This is a special section of American Music focusing on the History of Rock & Roll.
This is a special section of American Music focusing on the History of Jazz.

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#### Chamber Ensemble

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<th>MUENC 3103601</th>
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15307 MUENC 3103601 6001

Audition required. To set up an audition or for further information, visit LoneStar.edu/Up-auditions or email Aaron.Alon@LoneStar.edu

#### Chamber Singers

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15272 MUENC 3105101 2001 TTh 1/27-5/10 1:30 p.m. MUS 117
EvAt Chambers Singers. Late Start class begins the week of 1/27/20. Audition required. Email Todd.R.Miller@LoneStar.edu for audition and info.

#### Class Guitar I

<table>
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15269 MUSIC 3119201 4201 TTh 1/13-5/10 10:10-12:00 a.m. MCH H119
15324 MUSIC 3119201 6001

Students must bring their own acoustic guitar or classical guitar to class. For more information or if you need advice on buying a suitable instrument, contact Aaron.Alon@LoneStar.edu.

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### Concert Choir

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15368 MUENC 3930001 5001 MW 1/13-5/10 7-10 p.m. ART 106
Scholarships available and audition required. To schedule an audition, contact Alex.Qian@LoneStar.edu or (281) 290-5985.

| LSC-Kingwood  |                  |      |
15270 MUENC 3930001 2002 M 1/13-5/10 11 a.m.-12:20 p.m. MUS 117
Kingwood Chorale. Audition required. Email Todd.R.Miller@LoneStar.edu for audition and info.

| LSC-Montgomery |                  |      |
15259 MUENC 3930001 4102 MW 1/13-5/10 1:30-2:50 p.m. MCH H103
16382 MUENC 3930001 3T01 TTh 1/27-5/10 12:30-1:50 p.m. E 252
Multiple performances throughout the semester, rehearsals immediately prior to events and previews fulfill the instructional minutes required for the first two weeks. Contact Lisa.R.Morales@LoneStar.edu for performance schedule or additional information.

| LSC-University Park |                  |      |
15308 MUENC 3930001 6001
Auditon required. To set up an audition or for further information, visit LoneStar.edu/Up-auditions or email Aaron.Alon@LoneStar.edu.

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**There are no classes:**

January 20 for MLK Holiday,
March 9-15 for Spring Break,
April 10-12 for Spring Holiday,
May 23-25 for Memorial Day,
and July 2-5 for Independence Day.
Jazz Ensemble
MUENC 3930002 48 Contact Hours $102
LSC-CyFair
1535 MUENC 3930002 5001 M 1/27/5/10 6:9:10 p.m. ART 104
Scholarships available and audition required. To schedule an audition, contact John.C.Wolfskill@LoneStar.edu or (281) 290-3403.
LSC-Kingwood
15263 MUENC 3930002 2001 Th 1/135/10 1:30-2:50 p.m. MUS 118
Jazz Ensemble. Audition required. Email Alfredo.Velez@LoneStar.edu for audition and info. 5
15265 MUENC 3930002 2002 T 1/135/10 7-10:15 p.m. MUS 118
Kingwood Big Band. Audition required. Email Alfredo.Velez@LoneStar.edu for audition and info.
LSC-Montgomery
15256 MUENC 3930002 4N01 T 1/135/10 6:30 p.m. MCH B119
LSC-North Harris
15459 MUENC 3930002 1002 M 1/275/10 5:30-9:15 p.m. ARTS 108
Contact Dennis.L.Eichler@LoneStar.edu or call 281.618.5644. Ensemble members are required to attend scheduled performances.
15458 MUENC 3930002 1001 MW 1/275/10 1:22 p.m. ARTS 108
Scholarships available. Contact Dennis.L.Eichler@LoneStar.edu or call 281.618.5644. Ensemble members are required to attend scheduled performances.
15460 MUENC 3930002 1003 W 1/75/10 5:30-9:15 p.m. ARTS 108
Contact Dennis.L.Eichler@LoneStar.edu or call 281.618.5644. Ensemble members are required to attend scheduled performances.
LSC-Tomball
1638 MUENC 3930002 3N01 Th 1/135/10 2:3-2:50 p.m. E 252
Multiple performances throughout the semester, rehearsals immediately prior to events and choral previews fulfill the instructional minutes for the first two weeks. Contact Lisa.R.Morales@LoneStar.edu for performance schedule and more information.
LSC-University Park
15298 MUENC 3930002 6001 Audition required for the jazz band, directed by Dr. Woody Witt. To set up an audition or for further information, visit LoneStar.edu/UP-auditions or email Aaron.Alon@LoneStar.edu.

Music Appreciation
MUSIC 3130601 48 Contact Hours $280
LSC-North Harris
7848 MUSIC 3130601 1001 Th 1/135/10 9-10:20 a.m. ACAD 226
7850 MUSIC 3130601 1003 1/135/10 No Text Book Required. Instruction Type: Online
LSC-University Park
15325 MUSIC 3130601 6001
15328 MUSIC 3130601 6002

Music Literature
MUSIC 3100701 48 Contact Hours $322
LSC-North Harris
7851 MUSIC 3100701 1001 1/135/10 Instruction Type: Online

Music Theory I
MUSIC 3101101 48 Contact Hours $280
LSC-University Park
15341 MUSIC 3101101 6001
Students must register for both MUSI 1116.6L81 and MUSI 1311.6L81. For further information contact Aaron.Alon@LoneStar.edu.

Percussion Class
MUSIC 3118801 48 Contact Hours $122
LSC-University Park
15323 MUSIC 3118801 6001 Introductory class in playing percussion instruments and drum set. For further information, please contact Aaron.Alon@LoneStar.edu.

Piano Class I
MUSIC 3118101 48 Contact Hours $122
LSC-North Harris
7842 MUSIC 3118101 100 F 1/135/10 9-11:55 a.m. ARTS 208
LSC-Tomball
16384 MUSIC 3118101 3T01 MW 1/135/10 2-3:20 p.m. E 154
LSC-University Park
15319 MUSIC 3118101 6001

Piano Class II
MUSIC 3218201 48 Contact Hours $122
LSC-Tomball
16386 MUSIC 3218201 3T01 MW 1/135/10 2-3:20 p.m. E 154
LSC-University Park
15320 MUSIC 3218201 6001

Piano Class III
MUSIC 3218101 48 Contact Hours $122
LSC-North Harris
7845 MUSIC 3218101 100 F 1/135/10 9-11:55 a.m. ARTS 208
LSC-Tomball
16387 MUSIC 3218101 3T01 MW 1/135/10 2-3:20 p.m. E 154
LSC-University Park
15345 MUSIC 3218101 6001

Pop Singers I
MUENC 3105401 48 Contact Hours $102
LSC-University Park
15309 MUENC 3105401 6001 Audition required. To set up an audition or for further information, visit LoneStar.edu/UP-auditions or email Aaron.Alon@LoneStar.edu.

Private Applied Music: Voice
MUAPC 3128101 16 Contact Hours $356
LSC-Tomball
16370 MUAPC 3128101 3T01 1/275/10 For non-music majors. Must also enroll in any MUSI or MUEN section (MUEN strongly encouraged). Contact Lisa.R.Morales@LoneStar.edu for permission to enroll.
16371 MUAPC 3128101 3T02 1/275/10 For non-music majors. Must also enroll in any MUSI or MUEN section (MUEN strongly encouraged). Contact Lisa.R.Morales@LoneStar.edu for permission to enroll.

A $21 Infrastructure fee per semester applies to all students.

Linked with a credit course. See page 93 for requirements.
Sight Singing and Ear Training I

MUSIC 3101601 48 Contact Hours $102
LSC-North Harris
7847 MUSIC 3101601 1001 Th 1/13/5/10 9:10:20 a.m. ARTS 202
Must also enroll in MUSIC 310201 1001 and Th Th Class Piano.
LSC-University Park
15315 MUSIC 3101601 6001
Student must register for both MUSI 116.681 and MUSI 1311.681. For further information contact Aaron.Alon@LoneStar.edu.

Stagecraft I

DRAMC 3233101 96 Contact Hours $280
LSC-Montgomery
15281 DRAMC 3233101 4001 MWF 1/13/5/10 10:10:55 a.m. MICH H119
Student must register for both MUSI 116.681 and MUSI 131 1.681. For further information contact Aaron.Alon@LoneStar.edu.

String Ensemble

MUENC 3313000 48 Contact Hours $102
LSC-CyFair
15366 MUENC 3313000 5001 Th 1/27/5/10 6:9:10 p.m. ART 104
Scholarships available and audition required. To schedule an audition, contact Alan.K.Johnson@LoneStar.edu.
LSC-University Park
15301 MUENC 3313000 6001
Audition required. To set up an audition or for further information, visit LoneStar.edu/UP-auditions or email Aaron.Alon@LoneStar.edu.

Symphonic Band

MUENC 3212401 48 Contact Hours $102
LSC-Kingwood
15273 MUENC 3212401 2001 Th 1/13/5/10 11 a.m.-12:20 p.m. MUS 118
Wind Ensemble. Audition required. Email Alfredo.Velez@LoneStar.edu for audition and info.
15276 MUENC 3212401 2002 M 1/27/5/10 7:10:10 p.m. MUS 118
Kingwood Community Band. Audition required. Email Alfredo.Velez@LoneStar.edu for audition and info.
LSC-Montgomery
15261 MUENC 3212401 4201 Th 1/13/5/10 1:2:20 p.m. MICH H119
LSC-North Harris
15469 MUENC 3212401 1001 T 1/27/5/10 5:30:9:15 p.m. ARTS 108
Scholarships available. Instructor's signature required. For new students. Contact Dennis.L.Eichler@LoneStar.edu or call 281.618.5644 for more information. Ensemble members are required to attend scheduled performances.

Symphony Orchestra

MUENC 3112301 48 Contact Hours $102
LSC-CyFair
15363 MUENC 3112301 5001 Th 1/27/5/10 1:2:30 p.m. ART 104
Contact Daniel.Bircher@LoneStar.edu for info.
LSC-Kingwood
15260 MUENC 3112301 2001 Th 1/13/5/10 7:10 p.m. MUS 118
Kingwood Pops Orchestra. Audition required. Email Robert.E.Hunt@LoneStar.edu for audition and info.
LSC-Montgomery
15253 MUENC 3112301 4N01 M 1/13/5/10 6:8:50 p.m. MICH H119
LSC-Tomball
16379 MUENC 3112301 3N01 M 1/27/5/10 7:9:30 p.m. E 252
Tomball Civic Orchestra. Multiple performances throughout the semester. Rehearsals immediately prior to events and previews fulfill the instructional minutes for the first two weeks. Contact Lisa.R.Morales@LoneStar.edu for performance schedule and more information.

Theatre Appreciation

DRAMC 3131001 48 Contact Hours $280
LSC-University Park
15222 DRAMC 3131001 6001
Access your online course at LoneStar.edu/LSC-Online Instruction Type: Online
15224 DRAMC 3131001 6002

Theatre, Practicum

DRAMC 3202003 48 Contact Hours $102
LSC-Montgomery
15289 DRAMC 3202003 4101 MWF 2/10/5/10 4:15 p.m. MCH D0204
Enrollment via auditions only. Additional rehearsal time will be required outside of class. Contact Chase@LoneStar.edu for more information.
15291 DRAMC 3202003 4001 MWF 3/16/5/10 4:55 p.m. MCH D0100

Career & Technical Education

LoneStar.edu/CTE

Come and learn about Fast Track Certificates, GED Test preparation courses and English for Speakers of Other Languages (ESOL) classes

INFORMATION SESSIONS
EMI 244
Noon-1 p.m. | 5-6 p.m.

LSC-University Park
January 6, 2020 May 4, 2020
February 3, 2020 June 1, 2020
March 2, 2020 July 13, 2020
April 6, 2020
Champions School of Real Estate

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

LSC-Online

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

Access I
Access II
Accounting I, Intermediate
Accounting I, Introduction
Accounting I, Principles
Accounting II, Intermediate
Accounting II, Principles
Accounting, Government and Not-for-Profit
Adult Basic Education & GED Preparatory
Anatomy and Physiology I & II, Reviews
Art Appreciation
AutoCAD, Advanced
AutoCAD, Intermediate
AutoCAD, Introduction
Business Computer Applications
Business Ethics
Business Law I
Business Principles
Clinical Teaching
Communication Skills for Managers
Components of Special Education
Computer Illustration
Creating Successful Classrooms
Digital Imaging I
Digital Publishing I
Electrical Calc. I
Employee Performance Review
Excel Complete
Excel I
Excel II
Federal Income Tax, Individual
Federal Income Tax, Partnerships/Corporations
Fitness and Wellness
French I
French II
Generalist Teacher Preparation
German I, Beginning
Health Occupations Professionalism WP
Human Resource Management
Information and Project Management
Lead Effective Meetings
Leading Strategically
Lean Six Sigma Black Belt Certification
Lean Six Sigma Green Belt
Legal Issues for Supervisors
Management, Principles
Marketing, Principles
MCAS Exam (Access)
MCAS Exam (Excel)
MCAS Exam (PowerPoint)
MCAS Exam (Word)
Medical Terminology I
Minority Cultures in US National Electrical Code I
Office, Accounting I
Office, Accounting II
Pedagogy and Professional Responsibilities (PPR)
Personal Finance
Photoshop I
Photoshop II
PowerPoint I
PowerPoint II
Project Scheduling using MS Project
Public Budgets & Management
QuickBooks I
QuickBooks II
Small Business Management
Spanish I, Beginning
Spanish II, Beginning
Spanish I, Intermediate
Spanish II, Intermediate
Substitute Teacher Training
Supervision, Introduction
TCP Internship Extension
TCP Internship I
TCP Internship II
Team Building in the Workplace
TExES Review: PPR EC-12
Time Management
Web Page Creation
Word Complete
Word I
Word II
Workplace Microbiology

Live your life, learn online.
Take the first step toward your future by applying for free today.
Visit LoneStar.edu/Admissions

Linked with a credit course. See page 93 for requirements.
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. Go online. Go to ed2go.com/LoneStar.

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

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

4. Check your email. You will receive a confirmation email from ed2go, and within two business days, you will receive an email from Lone Star College with the course registration number and instruction on how to pay for the course. Full access will be given on start date after payment is made to Lone Star College.

Questions? Contact Donna Daughdrill at 281.290.3957.

Careers in partnership with ed2go

Business and Professional
- Administrative Assistant Fundamentals
- Become an Optical Assistant
- Business Finance for Non-Finance Personnel
- Business Marketing Writing
- Fundamentals of Supervision & Management I & II
- Introduction to Non-Profit Management
- Managing Customer Service
- Performing Payroll in QuickBooks
- Professional Sales Skills
- Real Estate Investing
- Start a Pet Business

Healthcare and Fitness
- Certificate in Food, Nutrition and Health
- Certificate in Healthy Aging
- Explore a Career in Medical Assistant
- Explore a Career in Medical Coding
- Legal Nursing Consulting
- Lose Weight and Keep It Off

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

For more info and classes, go to CareerTraining.ed2go.com/LoneStar

See next page for featured courses
Ed2Go Featured Courses

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

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

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

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

Business Writing
- Business and Marketing Writing
- Resume Writing Workshop
- Writing Essentials

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

Children, Parents and Family
- Assisting Aging Parents
- Everyday Math
- Genealogy Basics
- Handling Medical Emergencies
- Homeschool with Success
- Ready, Set, Read!
- Understanding Adolescents

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

Creative Writing
- Fiction Writing
- Grammar Refresher
- Internet Writing Markets
- 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
- Writeriffic
- Writing for Children

Database Management
- Database Development
- Oracle
- SQL

Digital Photography
- Discovery Digital Photography
- Photoshop Elements
- Secrets of Better Photography

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

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

Health Science and Wellness
- Anatomy & Physiology I & II, Review CPR
- Handling Medical Emergencies
- 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

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

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

Law and Legal
- Employment Law Fundamentals
- Evidence Law
- Introduction to Criminal Law
- Legal Nurse Consulting
- Real Estate Law
- Winning Strategy for the Courtroom
- Worker’s Compensation

Microsoft & Adobe Courses
- Access
- Adobe Acrobat
- Dreamweaver
- Excel
- Illustrator
- Microsoft Office Accounting Professional
- Microsoft Project
- Microsoft Publisher
- Microsoft Visio
- Outlook
- Performing Payroll
- Photoshop
- PowerPoint
- What’s New in Microsoft Office
- Windows XP
- Word

Networking and Security
- Networking
- PC Security
- PC Troubleshooting
- Wireless Networking

Publishing
- Guide to Getting Published
- Internet Writing Markets
- Publish it Yourself

Sales and Marketing
- Effective Selling
- Principles of Sales Management
- Professional Sales Skills

Start Your Own Business
- Creating a Successful Business Plan
- Get Paid to Travel
- Growing Plants for Fun and Profit
- Secrets of the Caterer
- Start and Operate your own Home-Based Business
- Start Your Own Arts and Craft Business
- Start Your Own Small Business
- Starting a Consulting Practice

Teaching
- Creating the Inclusive Classroom
- The Creative Classroom
- Differentiated Instruction in the Classroom
- Solving Classroom Discipline Problems
- Survival Kit for New Teachers
- Teaching ESL/EFL
- Teaching ESL/EFL Grammar
- Teaching ESL/EFL Reading
- Teaching ESL/EFL Vocabulary
- Understanding Adolescents
**DEFINITION OF TERMS**

Inside this Lone Star Corporate College (CC) Open Enrollment and Career & Technical Education (CTE) schedule, you will find information about fast track certificates and industry certification. Lone Star College offers credit associate degrees, certificates, and fast track certificates. Go to LoneStar.edu/Programs for more information.

**Fast Track Certificates**

Fast Track, non-credit programs provide industry training which result in a workforce certificate. They are designed for quick entry into the workforce.

**Industry Certification**

Select industry certifications prepare a student for state, national, or global industry recognized credentials.

**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 \(\text{\#}\) in the class schedule. If a CE 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 CE-Credit Articulation form and petition for credit. For details, go to LoneStar.edu/PLA or see an advisor.

**POLICIES & PROCEDURES**

**Age Guidelines**

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

**Student Rights and Responsibilities**

Information on some student rights and responsibilities are included below. For additional information, please refer to the LSC Board Policy Manual. If there is any conflict between the LSC Board Policy and this course schedule, the LSC Board Policy will govern.

The information set forth in this course schedule is intended to be informational and not contractual in nature. LSC reserves and retains the right to amend, alter, change, delete or modify any of the provisions of this course schedule at any time or in any manner that the administration or the LSC Board of Trustees deems to be in the best interest of LSC.

The information stated herein is for the students benefit and assistance. The administration of LSC reserves the right to act as final interpreter of this course schedule. Additionally, LSC reserves the right to change, without prior notice, tuition, fees, requirements and regulations, as obligated by district or legislative action and as allowed by law.

LSC cannot guarantee that courses listed in this course schedule will be offered in any given term or year at any college. Registration for a particular section or course will be permitted only until available classroom space or facilities have been filled. LSC reserves the right to cancel any course or section for which enrollment is insufficient.

A student who wishes to review documents regarding the accreditation of Lone Star College may do so by making an appointment with the Chief Student Services Officer (CSSO).

**Communication**

All official communication from Lone Star College to its students is delivered through its web portal system, myLoneStar, and Lone Star College provided email accounts.

**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 his/her class status before attending. Students can check their class status by calling their campus or going to LoneStar.edu/myLoneStar and go to the CE Student Center.

**Computer System Availability**

Lone Star College recognizes the value technology adds to teaching and learning, and built a robust and stable infrastructure to support it. Because regular maintenance of computer systems is critical to their performance and efficiency, planned downtimes are normally performed after-hours to minimize disruption to faculty, students and staff. Advanced notice of the scheduled maintenance is distributed in many ways and provides information on the services impacted with estimated start and end times. Users are encouraged to note these communications and plan accordingly. Contact the Service Desk at 813.813.6600 or OTS@LoneStar.edu for updates.

**Emergency Closing/Inclement Weather**

In the event of inclement weather or emergency closing, the location executive officer or designee may cancel all or some of the college 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 also be canceled. The closing announcement will be made on local radio/television stations or go to our website at LoneStar.edu. If a student or employee believes that weather conditions will put them in danger or at risk, they should follow all safety precautions.

**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.

**Notice of Non-discrimination**

Lone Star College maintains a work and academic environment that is free from discriminatory actions based on race, color, gender, age, sexual orientation, religion, ethnic or national origin, disability, veterans’ status, or any other protected status, and free of sexual discrimination, which includes sexual harassment and sexual violence. Unlawful discrimination and sexual discrimination by officers, managers, faculty, supervisors, employees, students, advisors, vendors, clientele, and contractors will not be tolerated. Persons who violate such are subject to disciplinary action, up to and including termination of employment, expulsion and/or termination of the contractual relationship.

The following employee has been designated to handle inquiries regarding the non-discrimination policies:

**Chief Human Resources Officer, Equal Opportunity Officer, Title IX Investigator**

5000 Research Forest Drive
The Woodlands, TX 77381
832.813.6235.

Inquiries may also be directed to the Office of Civil Rights, U.S. Department of Education.

**CE Resources:** LoneStar.edu/Departments/CE/CC-CTE-Resources-2018
Minors on College Premises
Lone Star College is a community college system that embraces our communities and welcomes residents of all ages. All minors on campus are subject to all LSC policies and procedures.

In order to provide for the safety of all children, an Authorized Responsible Adult (parents, legal guardians, or an adult authorized by a parent or legal guardian) must supervise Minors (persons aged 15 and under) on College premises, unless the Minor is participating in a College class, program, or event. This means that Authorized Responsible Adults do not have to accompany Minors while they are participating in the College class, program, or event, but must be present to monitor the Minors’ activities outside of a College class, program, or event. Minors participating in a College class, program, or event must have written permission from their parent or legal guardian. The Authorized Responsible Adult must be immediately available in an emergency situation. For complete information, please reference College Board Policy Manual Section II.D.2.04 at LoneStar.edu/Policy.

LSC campuses with a Harris County Public Library (HCPL) operating on the college campus will comply with HCPL regulations regarding children in the library.

Dual-credit and other similar programs are governed by the applicable agreement between LSC and the independent school district or other secondary education institution. Students participating in a LSC approved program must abide by the requirements specified in the agreement. If the agreement does not specify supervision requirements, then the College's policy and procedures of supervision apply.

Students’ Children on College Premises
College students’ children may not enter the classroom, even for brief visits, without the instructor’s prior express written permission. Instructors may deny permission or revoke written permission. Children cannot enter an activity or lab area where dangerous substances or equipment are stored or in use, unless the children are students enrolled in an applicable class or participating in a special College program. For complete information, please reference College Board Policy Manual Section II.D.2.06 at LoneStar.edu/Policy. Additional information concerning children on campus may be found at LoneStar.edu/student-community-facilities.

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

State Licensure Eligibility
Lone Star College offers some workforce associate degree or certificate programs in which a state license is required to obtain employment in healthcare, emergency services or business services fields. For students in these programs who may have a criminal background, please be advised that the background check results could keep you from being licensed by the State of Texas or other licensing agencies required to obtain employment. If a student has a question about his or her background and licensure, please speak with the appropriate department chair, program director, or person listed on the program website. Students also have the right to request a criminal history evaluation letter from the applicable licensing agency.

Students with Disability Rights
LSC recognizes and supports the principles set forth in federal and state laws designed to prevent and eliminate discrimination against individuals with disabilities. LSC believes in equal access to educational opportunities for all individuals and is committed to making reasonable accommodations, including furnishing auxiliary aids and services, for individuals with disabilities as required by law. Please review LSC’s Board Policy and Chancellor’s Procedures on Students with Disability Rights (Section VI.D.11) to find more information, including how to request accommodation.

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

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

Campus Carry
The Texas Legislature enacted campus carry by passing Senate Bill 11, effective at LSC on August 1, 2017. Senate Bill 11, known as the Campus Carry law, amends of the Texas Government Code and Texas Penal Code to allow license holders to carry concealed handguns on college campuses. To carry a concealed handgun on LSC campuses, an individual must have a valid License to Carry issued by the Texas Department of Public Safety.

LSC has established rules and regulations regarding enforcement of Campus Carry, which are found at LoneStar.edu/WeaponsProcedures. Lone Star College prohibits concealed carry in some areas of LSC campuses. For more information about Campus Carry, visit the LSC Campus Carry website at LoneStar.edu/CampusCarry.

Clery Act
LSC complies with the Jeanne Clery Campus Security Policy and Crime Statistics Act, Violence Against Women Act of 2013, and the Jacob Wetterling Crimes against Children and Sexually Violent Offender Registration Act. Relevant information can be found in the Lone Star College Annual Security Report available online at LoneStar.edu/police.

Please review LSC’s Board Policy and Chancellor’s Procedures on Sexual Harassment, Assault, Violence, and Discrimination Process to find more information including how to report a violation to the Title IX Coordinator. Policy & Procedures are found at LoneStar.edu/Policy.

College Police
The police officers of Lone Star College are commissioned peace officers with the State of Texas and have the same law enforcement authority within the College’s jurisdiction as other police or sheriff’s department. The officers are obligated to enforce all federal, state and local laws, in addition to College policies. The police department works with state and local police agencies as needed to ensure a safe environment for college students, staff, faculty and visitors. More detailed information is available at LoneStar.edu/Police regarding campus safety and security. Contact the LSC police at 281.290.5911 (dial 5911 from any campus telephone).

Parking
All faculty and staff at Lone Star College who operate a vehicle on College property are required to register their vehicle on-line with the Parking Administration Office of the Lone Star College Police Department and obtain a parking permit assigning a designated colored permit for parking. The College reserves the right to require proof of ownership of the vehicle being registered. For more information, go to LoneStar.edu/parking, call 281.765.7836 or email Parking@LoneStar.edu.

Parking permits are required 24 hours a day. Current permits must be properly displayed on vehicles at all times. Violators may be subject to a citation. Additional parking and traffic regulations may be found online at LoneStar.edu/parking.

Racial Profiling
The LSC Police Department prohibits racial profiling by its officers. The police department actively participates in the state’s required reporting of traffic stop and detention statistics in compliance with state statutes.
Sex Offender Policy
The Texas Code of Criminal Procedure Article 62.153 mandates each person required to register as a sex offender, and who intends to be employed, work with a contractor, or attend classes at Lone Star College, to register with the College’s Police Department at least seven (7) days before reporting to any LSC campus. As part of this registration, the individual must submit information pertinent to his or her offenses, which will be forwarded to the College’s Review Committee for a determination of eligibility for employment, vendor services, or enrollment. A person seeking to be enrolled as a student must first be approved before completing the registration process. Failure to register and receive necessary approval under this section may result in immediate suspension, dismissal, or termination of employment. To begin the review process, an individual must call the LSC Police Department at 281.290.5911.

Sex Offender Data
Information concerning registered sex offenders on any Lone Star campus can be accessed from the Lone Star Police website at: LoneStar.edu/sex-offenders.

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

The LSC Associate Vice Chancellor, Human Resources is designated as the LSC Equal Opportunity Officer and Title IX Coordinator for employees. The LSC Associate Vice Chancellor, Student Success, is designated as the Title IX Coordinator for students.

All employee inquiries concerning LSC policies, compliance with applicable laws, statutes, and regulations (such as Title VI, Title IX, and Section 504), and complaints may be directed to:
Chief Human Resources Officer, Equal Opportunity Officer, Title IX Coordinator
5000 Research Forest Drive
The Woodlands, TX 77381
832.813.6767

HR-Compliance@LoneStar.edu

The LSC Associate Vice Chancellor of Student Success, is designated as the LSC Equal Opportunity Officer, Title IX Coordinator for students. All student inquiries concerning LSC policies, compliance with applicable laws, statutes, and regulations (such as Title VI, Title IX, and Section 504), and complaints may be directed to:
Associate Vice Chancellor, Student Success
Title IX Coordinator
5000 Research Forest Drive
The Woodlands, TX 77381
832.813.6841

Student-Compliance@LoneStar.edu

Inquiries about the laws and compliance may also be directed to the Office for Civil Rights, U.S. Department of Education. For further information, visit ed.gov for the address and phone number of the office that serves your area or call 1-800-421-3481.

Qualified and Diverse Employees
Lone Star College values diversity in both its employees and students. LSC actively recruits and strives to retain highly-qualified staff, faculty and administration members who will reflect the core values and cultural beliefs of Lone Star College and meet with needs of students and the community.

CONSEQUENCES OF CRIMINAL CONVICTION
Notice of Potential Ineligibility for License
If you are applying for admission to a College program or enrolling in a College program that may prepare you for an initial occupational license issued by a Licensing authority and/or if you later decide to change to a program that prepares you for an occupational license, please be advised of the following:
1. An individual who has been convicted of an offense may be ineligible for issuance of an occupational license upon completion of the educational program.
2. Licensing authorities that issue an occupational license to an individual who completes the educational program issue guidelines stating the reasons a particular crime is considered to relate to a particular occupational license and any other criterion that affects the decisions of the licensing authority.
3. A state licensing authority that issues guidelines files those guidelines with the secretary of state for publication in the Texas Register.
4. Local or county licensing authorities that issue an occupational license to an individual who completes the educational program issue guidelines related to criminal history and post the guidelines at the courthouse of the county in which the licensing authority is located or publish them in a newspaper having countrywide circulation in that county.
5. Applicants to and enrollees are encouraged to review all applicable eligibility requirements related to the respective occupational license. Questions related to eligibility requirements should be directed to the applicable licensing authority.

Footnotes
2. “Occupational license” means a license, certificate, registration, permit, or other form of authorization required by law or rule that must be obtained by an individual to engage in a particular business or occupation. Tex. Occ. Code Ann. § 58.001.

Policy & Procedures: LoneStar.edu/Policy
Disability Services: LoneStar.edu/Disability-Services
Legal Notices: LoneStar.edu/Legal-Notices

Lone Star College HELPDESK is available 24/7
832.813.6600
A+ Certification Preparation ................................ pages 33, 64
ITSCC 2102520 96 Contact Hours $1,283
Current personal computer hardware including personal computer assembly and upgrading, setup and configuration, and troubleshooting. The A+ Certification Preparation Program prepares individuals for a career as a computer technician in the information technology industry. This course covers the various responsibilities and tasks required for a computer technician to successfully perform in a customer environment.

ABE EL Civics and Citizenship Workshop .................... page 77
ENGLC 6400016 16 Contact Hours $0
This workshop is designed to provide Civics Education. This course is for students who can participate in conversations on a variety of subjects, might need some repetition but they are able to understand the main topic. These students can read different types of texts and use context to completely understand the message. These students navigate their workplace without difficulty but need to polish their communication skills. Participants in the class will learn English through everyday situations including workplace and civics. Adult learners will use their speaking, listening, reading and writing skills as well as grammar, numeracy, life skills, American culture and civics. In addition to this, adult learners will be exposed to the use of technology in the classroom and computer lab experience to enhance their computer skills.

ABE ESL Basic - Literacy ................................. page 78
ENGLC 6400010 72 Contact Hours $0
This course intends to address the language needs of adult learners who are true English language beginners and whose literacy level is low. This course is for adult learners who depend on gestures, their first language, and visual aids to communicate with others. Participants in the class will learn English through everyday lessons containing topics such as community, health, shopping, transportation and family and friends. Adult learners will work on developing their speaking, listening, reading, and writing skills as well as grammar, numeracy, life skills and American culture. In addition to this, adult learners will experience the use of technology inside and outside the classroom to enhance their language learning experience.

ABE GED Math and Language Arts ........................ page 68
ABEAC 6400015 54 Contact Hours $0
This course is used in the grant-funded AEL program. This course designed to provide basic mathematics and foundational reading and writing skills and remediation necessary for career and college readiness. This course does not carry institutional credit. This course will not transfer nor be used to meet degree requirements. This course provides foundational mathematics, reading, language and writing skills for students preparing for the Texas Certificate of High School Equivalency test, TSIA assessment, entry into workforce certification programs, and career pathways. Approval Required, TSI placement score level 1-2, TAME test.

ABE GED Math I ............................................. page 69
ABEAC 6400006 54 Contact Hours $0
This course is a basic mathematics course designed to provide remediation in developmental BASIC mathematical skills necessary for career and college readiness. This course does not carry institutional credit. This course will not transfer nor be used to meet degree requirements. Approval Required, TSI placement score level 1-2, TAME test.

Access I .................................................. page 35
ITSCC 2105311 16 Contact Hours $280
An introduction to database concepts including: Program parameters, data dictionary, optional field characteristics, calculations, constant default values, data entry form design, database organization, and report generation. Prerequisite: Windows training or equivalent knowledge.

Access II ............................................. page 35
ITSCC 2105509 24 Contact Hours $408
Instruction in data validation, data manipulation, browsing through records, records selection and query, indexing, and sorting. Prerequisites: Access I or equivalent knowledge.

Accounting, Office I ................................ page 27
ACNTC 2100106 24 Contact Hours $408
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.

Accounting, Office II ................................ page 27
ACNTC 2104201 24 Contact Hours $408
Focus on accounting for merchandising, notes payable, notes receivable, valuation of receivables, valuation of plant and equipment, and voucher system.

ACPE IV Sterile Compounding Certification .............. page 55
PHRAC 1109101 40 Contact Hours $400
The process of compounding sterile preparations and aseptic technique within legal and regulatory guidelines specified by USP <797> standards. This course combines a preliminary online didactic component, followed by face-to-face laboratory sections that include process evaluations, and a final written exam. This course is designed to train pharmacists and pharmacy technicians in sterile compounding and aseptic technique (SCAT) based on current USP<797> standards. All course activities are designed to be completed within a short time-frame. CPE activity completers will receive a frame-able certificate of completion, ACPE statement of credit, and upload of ACPE CE credits for 40 hours/4.0 CEUs. This course is an “IV certification” course.

American Music ......................................... page 86
MUSIC 3101001 48 Contact Hours $280
A general survey of various styles of music of the Americas, including but not limited to jazz, folk, rock, and contemporary music. This course is linked to MUSI 1310. Prerequisites: College Level Readiness in Reading AND Writing.

Anatomy and Physiology I, Review ....................... page 55
SCITC 2100701 48 Contact Hours $803
A continuation of Applied Human Anatomy and Physiology I 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).

Anatomy and Physiology II, Review ..................... page 55
SCITC 2100801 48 Contact Hours $803
An applied systematic study of the structure and function of the human body 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).

Arabic I, Beginning ...................................... page 80
ARABC 3000001 80 Contact Hours $329
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. Prerequisite: College Level Readiness in Reading AND Writing.
Assessment Test Interpreting ........................................ page 58
TESTC  8900124  1 Contact Hours  $25
Assessment Testing for the new Bilingual English/Spanish Interpreting Certificate.

AutoCAD, Advanced ........................................ page 42
DFTGC  1200400  32 Contact Hours  $536
Two- and three-dimensional drawings using three-dimensional display options and specifying user-defined coordinate systems. Prerequisites: AutoCAD, & Intermediate. Textbook required.

AutoCAD, Intermediate ........................................ page 42
DFTGC  1105000  32 Contact Hours  $536
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.

AutoCAD, Introduction ........................................ page 41
DFTGC  2101401  32 Contact Hours  $536
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.

AutoDesk Inventor ........................................ page 43
DFTGC  2109122  48 Contact Hours  $803
The Inventor® software is a computer-aided design application for creating 3D digital prototypes used in the design, visualization and simulation of products. Topics include materials recommended by Autodesk®: navigating the user interface and managing files; utilize the ViewCube; setup the Environment information; manage Views; create object using the Sweep feature; create an iPart; emboss text and a profile; apply and use assembly constraints; create a part in the context of the assembly. Prerequisites: AutoCAD® or SolidWorks® experience helpful.

Automotive Brake Systems .......................... no offerings
AUMTC  2101001  112 Contact Hours  $379
Operation and repair of drum/disc type brake systems. 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. Prerequisite: Automotive Electrical Systems.

Automotive Electrical Systems ................ page 39
AUMTC  2100701  112 Contact Hours  $379
An overview of automotive electrical systems including topics in operational theory, testing, diagnosis, and repair of, charging and starting systems, and electrical accessories. Emphasis on electrical principles, schematic diagrams, and service publications. May be taught manufacturer specific. This course is linked to AUMT 1407.

Automotive Technology, Introduction ................ page 39
AUMTC  2100501  112 Contact Hours  $379
An introduction to the automotive industry including automotive history, safety practices, shop equipment and tools, vehicle subsystems, service publications, professional responsibilities, and basic automotive maintenance. May be taught manufacturer specific. This course is linked to AUMT 1405.

Beginning Spanish I ........................................ page 81
SPANC  3141101  80 Contact Hours  $289
This course includes beginner’s pronunciation, oral practice, conversation, development of listening comprehension, basic principles of grammar, simple exercises in composition, easy reading which includes cultural material. Students with prior language experience must take a placement exam to advance to the next level and receive credit. This course is linked to SPAN 1411. Prerequisite: College Level Readiness in Reading AND Writing.

Beginning Spanish II ........................................ page 82
SPANC  3141201  80 Contact Hours  $289
This course is a continuation of SPAN 1411 with increased emphasis on comprehension, speaking, reading and writing. Intensive drills to increase vocabulary and knowledge of structure. Students with prior language experience must take a placement exam to advance to the next level and receive credit. This course is linked to SPAN 1411 or placement exam; College Level Readiness in Reading AND Writing.

Blueprint Reading for Welders .......................... page 46
DFTGC  2102301  32 Contact Hours  $536
Symbols/graphic language required in the interpretation of working drawings for specific occupations. Reading and interpreting blueprints including information on computer-aided design and computer numerical control. Students will develop the skills needed to interpret all types of working sketches and prints, from the simplest to the most complex, through step-by-step instructions. Both AWS and ISO welding symbols are covered, as well as auxiliary views, detail views, projections, sections, and detail and assembly drawings. Other topics covered include pipe welding symbols, metric and dual dimensioning, bills of materials, ISO for welding, and first and third angle orthographic projection. This course is designed as a component to prepare the student take the American Welding Society Certification Exam.

Business Computer Applications ................. page 85
BCISC  3100501  80 Contact Hours  $277
Students will study computer terminology, hardware, and software related to the business environment. The focus of this course is on business productivity software applications and professional behavior in computing, including word processing (as needed), spreadsheets, databases, presentation graphics, and business-oriented utilization of the Internet. This course is linked to BCISC 1305.

Cardiovascular Technology Technician, Clinical .... page 50
CVITTTC  2106003  80 Contact Hours  $1,075
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.

CCNA 1: Introduction to Networks .................... page 34
ITCCC  2101401  80 Contact Hours  $280
This course covers networking architecture, structure, and functions; introduces the principles and structure of IP addressing and the fundamentals of Ethernet concepts, media, and operations to provide a foundation for the curriculum. This course is linked to ITCC 1314.

CCNA 2: Routing and Switching Essentials ........ page 34
ITCCC  2104001  80 Contact Hours  $280
Describes the architecture, components, and basic operation of routers and explains the basic principles of routing and routing protocols. It also provides an in-depth understanding of how switches operate and are implemented in the LAN environment for small and large networks. This course is linked to ITCC 1340.
CCNA 3: Scaling Networks ................................ page 34
ITCCC 2201201  80 Contact Hours $280
CCNA R&S: Scaling Networks (ScALN) covers the architecture, components, and operations of routers and switches in larger and more complex networks. Students learn how to configure routers and switches using advanced protocols. This course is linked to ITCC 2312.

CCNA 4: Connecting Networks ................................ page 34
ITCCC 2201301  80 Contact Hours $280
WAN technologies and network services required by converged applications in a complex network; enables students to understand the selection criteria of network devices and WAN technologies to meet network requirements. This course is linked to ITCC 2313.

Ceramics I ........................................... page 84
ARTSC 3234601  96 Contact Hours $300
Exploration of ideas using basic ceramic processes. An introduction to ceramics that examines the historical and cultural significance of the ceramic arts through research and application of various construction methods and firing processes. This course is linked to ARTS 2346.

Ceramics II ........................................... page 84
ARTSC 3234701  96 Contact Hours $300
Investigates advanced techniques, as well as the creative possibilities of clay, glazes and firing procedures. This course is linked to ARTS 2346. Prerequisite: College Level Readiness in Reading AND Writing; ARTS 2346 or Departmental approval.

Chamber Ensemble ................................ page 86
MUENC 3103601  48 Contact Hours $102
Chamber Ensemble is a mixed instrumentation group of wind, string, percussion, and brass players performing chamber (small group) repertoire from any style period. A maximum of four credit hours may be earned. This course linked to MUEN 1136.

Chamber Singers ................................ page 86
MUENC 3105101  48 Contact Hours $102
The Chamber Singers are a small vocal ensemble performing sacred and secular choral literature of various, including madrigals. A maximum of four credit hours may be earned. This course is linked to MUEN 1151.

Child Development Associate .................... page 61
CDECC 2101602  120 Contact Hours $703
Provides a variety of experiences that can build the practical skills needed to successfully become a Child Development Associate. Based on the eight-module curriculum developed by the Council for Early Childhood Professional Recognition. A study of the principles of normal child growth and development from conception to adolescence focusing on physical, cognitive, social, and emotional domains of development will be taught. Participants must complete 120 hours of formal child care education in eight subject areas mandated by the Council in one semester. The additionally required 480 hours (12 weeks) of experience in a licensed day care facility with observation labs can be completed during the semester or within a five year period. An additional $325 application fee must be paid to the Council for Early Childhood Professional Recognition when submitting an application to take the final assessment from them. TPEG funds available.

Chinese I, Beginning ............................... page 80
CHINC 3101101  80 Contact Hours $301
An introduction to modern spoken and written Mandarin Chinese. Beginners speaking, listening comprehension and basic principles in grammar along with simple exercises in compositions and reading which include cultural material. Students will write Chinese characters. This course is linked to CHIN 1411. Prerequisite: College Level Readiness in Reading AND Writing.

Chinese II, Beginning ............................... page 80
CHINC 3101102  80 Contact Hours $301
A continuation of CHIN 1411 as an introduction to modern spoken and written Mandarin Chinese. Increased emphasis on speaking, listening comprehension, and basic principles in grammar along with simple exercises in compositions and reading which include cultural material. Students will write Chinese characters. This course is linked to CHIN 1411. Prerequisite: College Level Readiness in Reading AND Writing; Completion of CHIN 1411.

Class Guitar I ....................................... page 86
MUSIC 3119201  48 Contact Hours $102
Class instruction in fundamental guitar playing, including technique, music-reading, fretboard theory, melodic and harmonic realizations. A maximum of four credit hours may be earned. This course is linked to MUSI 1192.

Class Voice ........................................ page 86
MUSIC 3118302  48 Contact Hours $102
Class instruction in the fundamentals of singing including breathing, tone production, and diction. Designed for students with little or no previous voice training. Does not apply to a music major degree. A maximum of four credit hours of voice classes may be earned. This course is linked to MUSI 1183.

Clinical Teaching ................................ page 61
ATCPC 2103805  36 Contact Hours $1,020
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).

CNC Machine Controls, Fundamentals ................ page 46
MCHNC 2200301  48 Contact Hours $803
An introduction to G and M codes (RS274-D) necessary to program Computer Numerical Controlled (CNC) machines. Emphasis is placed on lathe and mill programming techniques and structures, CNC controller types and overall machine operation. Prerequisite: Basic Machine Shop (MCHNC 2103805). This course also prepares the student to take the accredited NIMS exam for Machinist.

Commercial Drivers License Exam Preparation ........ page 40
CVOPC 2101502  90 Contact Hours $125
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.

Commercial Drivers License Written Skills ........ page 40
CVOPC 2100502  40 Contact Hours $664
Overview of the State of Texas Commercial Drivers License written test. In-depth coverage of general knowledge, air brakes, combination vehicle, doubles and triples, tankers, and hazardous materials. Includes preparation for mastery of the Commercial Drivers License written examination.

Components of Special Education ................... page 61
ATCPC 2100207  48 Contact Hours $528
An introduction to Special Education, emphasizing proven practices, making accommodations and delivery of individualized instruction tailored to the specific needs of individual students with disabilities. Students will also develop awareness, sensitivity, knowledge, skills and competence necessary to become a special educator. This course is required to meet the 300+ hours of coursework and training to be in compliance with the Texas Education Agency to be recommended for a Standard Certification.
This course is a component of the Dental Assisting Certificate that prepares students to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional. Pre-requisite: Dental Assisting I. Co-requisite: Dental Assisting Clinical, CPR and Registered Dental Assistant Exam and Review. This course is a component of the Dental Assisting Certificate that prepares for the TSBDE exam. Textbooks, supplies and equipment are included. Meets all state requirements for registered dental assistants.

### Design II - 3D

**ARTSC 313101**  96 Contact Hours  $290

An introduction to the fundamental terminology, concepts, theory, and application of two-dimensional design. This course is linked to ARTS 1311.

### Designing Effective Websites

**ARTCC 2100000**  16 Contact Hours  $280

Computer application and knowledge necessary to perform specific operations in a particular occupational setting. Varied design techniques to create a responsive website with inclusion of mobile platforms and delivery techniques.

### Drafting and Design Technology REVIT

**DFTGC 2109114**  40 Contact Hours  $664

Topics address comprehensive architectural design, documentation and presentation using Revit Architecture 2 and 3 dimensional modeling. The primary emphasis will focus on the role of Building Information Modeling (BIM) in transferring building data throughout the building life cycle.

### Drawing I

**ARTSC 3930002**  96 Contact Hours  $290

A foundation studio course exploring drawing with emphasis on descriptive, expressive and conceptual approaches. Students will learn to see and interpret a variety of subjects while using diverse materials and techniques. Course work will facilitate a dialogue in which students will engage in critical analysis and begin to develop their understanding of drawing as a discipline. This course is linked to ARTS 1316.

### Drawing II

**ARTSC 3930003**  96 Contact Hours  $290

A studio course exploring drawing with continued emphasis on descriptive, expressive and conceptual approaches. Students will further develop the ability to see and interpret a variety of subjects while using diverse materials and techniques. Course work will facilitate a dialogue in which students will employ critical analysis to broaden their understanding of drawing as a discipline. This course is linked to ARTS 1317. Prerequisites: ARTS 1316; College Level Readiness in Reading AND Writing.

### Drilling/Rig Floor Core Skills

**PTRTC 1100301**  80 Contact Hours  $1,315

A study of practices and procedures drilling operations. Rig equipment, casing design, fishing, and proper procedures to successfully drill a well are discussed.

### EKG Tech Exam Review

**ECRXC 7000003**  4 Contact Hours  $0

Review for the EKG Tech exam.

### Electrical Calculations

**ELPTC 2101001**  48 Contact Hours  $325

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 EPTC 1315.

### Electrical/Electronics and Hardware

**IEIRC 1102001**  48 Contact Hours  $803

A study of electricity and its use in a process control system and the production process. Topics include the conversion of electricity to mechanical, fluid, or thermal energy.
**Electrical Safety and Tools, Introduction** .......... page 43
ELPTC 2102101 64 Contact Hours $277
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.

**Electrical Theory, Basic** .......... page 43
ELPTC 2101101 64 Contact Hours $277
An overview of the theory and practice of electrical circuits including calculations as applied to alternating and direct current. This course is linked to ELPT 1311.

**Electrocardiography** ................. page 49
ECRDC 2101102 32 Contact Hours $440
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.

**Electrocardiography, Diagnostic** .......... page 50
DSAE 2104002 64 Contact Hours $982
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.

**Electrocardiography Monitor Technician** .......... page 49
ECRDC 2101103 30 Contact Hours $429
Fundamentals of cardiovascular anatomy and physiology. Includes basic electrocardiography procedures, interpretation of basic dysrhythmias, and appropriate treatment modalities. 6 hours of observation time TBA.

**Electrocardiography Technician Proctor Fee** .......... page 50
ECRXC 7000042 13 Contact Hours $63
Three hour examination to achieve certification as an electrocardiogram technician consisting of both written and practical portions. Student must have successfully completed the college’s 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. Prerequisite: Electrocardiography, Diagnostic Electrocardiography, Clinical-Cardiovascular Technology/Technologist.

**Emergency Medical Technician, Basic** ............. page 50
EMSPC 2101003 144 Contact Hours $477
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.

**English/Spanish Interpreting in Court Settings** .......... no offerings
FRNLC 2109145 72 Contact Hours $1,187
This course further develops the skills in consecutive interpretation with note taking, sight translation, and simultaneous interpreting in court settings. Peer-assessment and self-assessment are encouraged in order to bring awareness of the importance of self-monitoring in interpreting. This course discusses current issues in court interpreting and provides information for further development in the profession. Furthermore, it provides intensive practice in accuracy, listening and information retention skills, grammar, interpreting style and knowledge of terminology and specialties to perform as a court interpreter and to take the Judicial Branch Certification Commission (JBCC) exam, which certifies Texas court interpreters.

**English/Spanish Interpreting in Medical Settings** .......... no offerings
FRNLC 2109144 48 Contact Hours $803
This course further develops the skills in consecutive interpretation with note taking, sight translation, and simultaneous interpreting in medical settings. Peer-assessment and self-assessment are encouraged in order to bring awareness of the importance of self-monitoring in interpreting. This course discusses current issues in health-care interpreting and provides information for further development in the profession. Furthermore, it provides intensive practice in accuracy, listening and information retention skills, grammar, interpreting style and knowledge of terminology and specialties in preparation for the National Board of Certification for Medical Interpreters oral and written examinations.

**ESOL Grammar I** .......... page 71
ESOLC 3000801 64 Contact Hours $265
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. Prerequisite: Placement by exam. This course is linked to ESOL 0391.

**ESOL Grammar II** .......... page 71
ESOLC 3000802 64 Contact Hours $265
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. This course is linked to ESOL 0392. Prerequisite: Placement by exam.

**ESOL Grammar III** .......... page 72
ESOLC 3000803 64 Contact Hours $265
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. This course is linked to ESOL 0393. Prerequisite: Placement by exam.
ESOL Grammar IV ........................................ page 72
ESOLC 3000804  64 Contact Hours  $265
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. This course
is linked to ESOL 0394. Prerequisite: ESOL 0393 or Placement by exam.

ESOL Oral Communication II ............................ page 73
ESOLC 3008201  64 Contact Hours  $265
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.

ESOL Reading I ........................................ page 73
ESOLC 3006101  64 Contact Hours  $265
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 3061.
Pre-requisite: Placement by testing.

ESOL Reading II ........................................ page 74
ESOLC 3006201  64 Contact Hours  $265
In this course English-language students continue to develop the reading
and vocabulary skills necessary for personal, academic, and professional
purposes using materials based on high interest topics. The course includes
practice in reading and comprehending multi-paragraph descriptive and
narrative articles, stories, reports, and dictionary entries. Focus is on literal
comprehension, word analysis, vocabulary expansion, dictionary skills,
and the use of library resources. Writing is required to complement varied
reading activities. This course carries institutional credit but will not transfer
and may not be used to meet degree requirements. This course is linked to
ESOL 3062. Pre-requisite: placement by exam or ESOL 3061.

ESOL Reading III ....................................... page 74
ESOLC 3006301  64 Contact Hours  $265
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 3063. Prerequisites: ENGL 3062 or placement by exam.

ESOL Reading IV ....................................... page 74
ESOLC 3006401  64 Contact Hours  $265
Development of reading and higher order thinking skills necessary for
college readiness. This course carries institutional credit but will not transfer
and will not be used to meet degree requirements. This course is linked to
ESOL 0364. Prerequisite: ESOL 0363 or placement by testing.

ESOL Reading V ....................................... page 74
ESOLC 3006501  64 Contact Hours  $265
Develops English reading proficiency and vocabulary for academic, career,
or personal purposes in speakers of languages other than English and
prepares them to function in a multicultural, multilingual society. This course
carries institutional credit but will not transfer and will not be used to meet
degree requirements. This course is linked to ESOL 0365. Prerequisite: ESOL
0364 or placement by testing.

ESOL Writing I ........................................ page 74
ESOLC 3007101  64 Contact Hours  $265
In this course beginning English-language students develop, practice and
apply the basic structures of English to perform simple writing tasks. Students
who enroll in this course should have basic literacy skills in their native
language and be familiar with Roman script. This course carries institutional
credit but will not transfer and may not be used to meet degree requirements.
This course is linked to ESOL 0371. Pre-requisite: placement by testing.

ESOL Writing II ....................................... page 75
ESOLC 3007201  64 Contact Hours  $265
In this course beginning English-language students increase proficiency in the
writing skills necessary for basic personal, academic, and professional
communication. Students use process writing techniques to write simple
paragraphs and gain mastery in the use of the basic structures of the
language. This course carries institutional credit but will not transfer and
may not be used to meet degree requirements. This course is linked to ESOL
0372. Pre-requisite: ESOL 0371 or placement by testing.

ESOL Writing III ....................................... page 75
ESOLC 3007301  64 Contact Hours  $265
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.

ESOL Writing IV ....................................... page 76
ESOLC 3007401  64 Contact Hours  $265
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.

ESOL Writing V ....................................... page 76
ESOLC 3007501  64 Contact Hours  $265
Focuses on strategies and techniques of writing and composition. Open
only to non-native speakers. This course carries institutional credit but will
not transfer and will not be used to meet degree requirements. This course
is linked to ESOL 0375. Pre-requisite: ESOL 0374 or placement by testing.

Excel I ............................................. page 27
ITSWC 2102224  16 Contact Hours  $280
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.

Excel II .......................................... page 28
ITSWC 2104606  16 Contact Hours  $280
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.
Exercise Science ................................ page 58
FITTC 2201301 48 Contact Hours $803
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: Personal Training.

Foundation Interpreting Program .................. page 58
FRNLC 2109142 96 Contact Hours $1,571
Topics address recently identified current events, skills, knowledges, and/or attitudes and behaviors pertinent to the technology or occupation and relevant to the professional development of the student. This course was designed to be repeated multiple times to improve student proficiency. The Foundation Interpreting Program provides an introduction to English and Spanish interpreting as well as a historical framework for the current principles, ethics, roles, responsibilities, and standard practices of the interpreting profession. This course includes intercultural communication, linguistic and cognitive skills, and emotional intelligence. Emphasis is on community, medical, and legal interpreting as well as identification of professional interpreting organizations and journal/publications that provide information on interpreting methods. This course prepares participants to perform as a community, medical or legal interpreter and to take a certification exam such as the National Board of Certification.

French I, Beginning ............................... page 80
FREN 3141101 80 Contact Hours $289
This course includes beginner’s pronunciation, oral practice, conversation, use of recordings for ear training, basic principles of grammar, simple exercises in composition, easy reading which includes cultural material. This course is linked to FREN 2311. Prerequisite: College Level Readiness in Reading AND Writing.

French II, Beginning ............................... page 80
FREN 3141201 80 Contact Hours $329
A continuation of FREN 1411 with increased emphasis on comprehension, speaking, reading and writing. Intensive drills to increase vocabulary and knowledge of structure. This course is linked to FREN 1412. Prerequisite: FREN 1411 or placement by exam; College Level Readiness in Reading AND Writing.

French I, Intermediate ............................. page 80
FREN 3231101 48 Contact Hours $250
French readings, grammar, and composition based partly on the formal text and partly on selected readings. Stress will be placed on oral work. This course is linked to FREN 2311. Prerequisite: FREN 1412; College Level Readiness in Reading AND Writing.

French II, Intermediate ........................... page 80
FREN 3231201 48 Contact Hours $220
Continuation of FREN 2311. This course is linked to FREN 2312. Prerequisite: College Level Readiness in Reading AND Writing, & FREN 2311.

Fundamentals of Networking Technologies ...... page 33
ITNW 2102501 80 Contact Hours $292
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. Corequisite: ITSC 1901 or COSC 1301 or BCIS 1305 (for Business majors only).

Fundamentals of Oxy-Fuel Welding/Cutting NCCEC . no offerings
WLDGC 2100401 40 Contact Hours $689
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.

Gas Metal Arc Welding (GMAW) .................. page 46
WLDGC 2103004 80 Contact Hours $1,555
Principles of gas metal arc welding, setup and use of Gas Metal Arc Welding (GMAW) and Flux Cored Arc Welding (FCAW) equipment, and safe use of tools/equipment. Instruction in various joint designs. This course covers manipulative skills in welding techniques, applications, and theory. Knowledge and skills in Gas Metal Arc Welding and Flux Cored Arc Welding using mild steel; perform fillet welds in the flat, horizontal, vertical, and overhead positions. Students work independently in the welding booth under the guidance of an instructor to meet and/or exceed the competencies.

Gas Tungsten Arc Welding (GTAW) ............... page 46
WLDGC 2103404 80 Contact Hours $1,555
Principles of gas tungsten arc welding (GTAW), including setup, GTAW equipment. Instruction in various positions and joint designs. This course covers advanced principles of welding with emphasis on special processes and special needs of students. The course is designed to familiarize students with the complexities of using the GTAW process. Each student will learn about different electrodes and the applications using various techniques to become knowledgeable in the welding process. Student purchases personal tools, supplies and workbook.

GED Full Review ................................ page 68
DEVSC 3900506 48 Contact Hours $227
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.

GED Revisión en Español ........................ page 68
DEVSC 3930001 48 Contact Hours $227
La preparación en las cinco áreas del GED en Español examen: 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.

Generalist Teacher Preparation .................. page 61
ATCPC 7000086 48 Contact Hours $528
The Generalist course prepares individuals to teach in early childhood through grade 8 classrooms in Texas. The course addresses the standards and competencies needed to pass the TEExS 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.

German I, Beginning ............................... page 81
GERMC 3200001 80 Contact Hours $289
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.

Google IT Support Professional Certification .... page 33, 64
ITCC 1109106 256 Contact Hours $1,000
This five-course certificate, developed exclusively by Google, includes innovative curriculum designed to prepare you for an entry-level role in IT support. Through a dynamic mix of video lectures, quizzes, and hands-on labs and widgets, this certificate program will introduce you to troubleshooting and customer service, networking, operating systems, system administration, and security.

Health Care Management in Occupational Therapy .... page 55
OTHAC 1203500 32 Contact Hours $648
Explores the roles of the occupational therapy assistant in health care delivery. Topics include documentation, reimbursement, credentialing, ethical standards, health care team role delineation, and management.
Health Occupations Orientation .................. page 56
ORTAC 7000000 2 Contact Hours $0
Health Occupations Orientation introduces students to the expectations of the health occupations program they have enrolled in and the career pathways available to them at LSC.

Health Occupations Professionalism .................. page 52
NURAC 2109102 24 Contact Hours $336
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.

HTML I, Web Site Development .................. page 24
ITNWC 2105901 32 Contact Hours $536
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 website that you create using HTML. Includes tables, hot buttons, animations, and comparison of browsers. Prerequisite: Computer Fundamentals or equivalent knowledge.

HTML II, Website Development (Advanced) .................. page 24
ITNWC 2203600 24 Contact Hours $408
Instruction in more technical and in-depth uses of HTML and the internet in business and service-related opportunities. Application of styles to a website and introduction to CSS best practices, layout and techniques. Participants must have high school diploma or successful completion of the GED.

Hydraulics and Pneumatics .................. page 44
HYDRC 2104504 80 Contact Hours $277
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.

IADC RigPass® Petroleum Safety & Hazards .................. pages 44, 64
PTRTC 1202500 8 Contact Hours $152
Various hazards associated with the petroleum industry.

IADC WellSharp® Petroleum Safety & Hazards .................. pages 44, 64
PTRTC 1109105 24 Contact Hours $408
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.

Industrial Automation .................. page 43
INMTC 2101700 80 Contact Hours $365
Applications of industrial automation systems including identification of system requirements, equipment integration, motors, controllers, and sensors. Coverage of set-up, maintenance, and testing of the automated system. This course is linked to INMT 1417. Prerequisite: RBTC 1401, CETT 1402 or CETT 1409.

Industrial Maintenance for Mechatronics .................. page 45
INMTC 1100505 96 Contact Hours $1,315
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.

Infection Control .................. page 54
CSPDC 2107201 80 Contact Hours $1,075
This course discusses the importance of preventing the spread of diseases as it relates to the sterile processing team. Topics include use of personal protective equipment, indirect and direct patient contact, modes of disease transmission, noncritical, semi critical and critical devices, bioburden, decontamination, disinfection, antisepsis, sterilization, storage, and instrument inspection. Fundamentals of safe reprocessing of surgical armamentarium for patient is the primary focus. Surgical related supplies and inventory case-cart systems are also introduced.

Integrated Reading and Writing for ESOL .................. page 77
ESOLC 3003101 64 Contact Hours $265
Integration of critical reading and academic writing skills. The course fulfills TSI requirements for reading and/or writing. This course carries institutional credit but will not transfer and will not be used to meet degree requirements. This course is linked to ESOL 0310. Prerequisite: ESOL 0364 and ESOL 0374 or instructor approval or placement by exam.

Integrating Technology .................. page 61
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.

Intermediate Spanish I .................. page 82
SPANC 3231101 48 Contact Hours $250
This course stresses both oral and written exercises to increase vocabulary, expansion of grammar principles, and short themes written on a variety of topics. Selected readings are included to improve comprehension in Spanish. This course is linked to SPAN 2311. Prerequisites: SPAN 1412 or placement exam; ENGL 0305 and ENGL 0307 or higher level course (ENGL 1301) or placement by testing.

Intermediate Spanish II .................. page 82
SPANC 3231201 48 Contact Hours $250
This course is a continuation of SPAN 2311, with emphasis on works by Spanish-speaking authors. Continued reinforcement of grammatical principles and development of writing skills are stressed. This course is linked to SPAN 2312. Prerequisite: SPAN 2311 or placement exam; College Level Readiness in Reading AND Writing.

Intro to Human Body & Disease .................. page 54
ITNWC 2107101 48 Contact Hours $659
This course provides students with an overview of the major organ systems of the human body. The structure and function of each system is outlined. These systems include the integumentary, gastrointestinal, musculoskeletal, cardiovascular, genitourinary, neurological, special senses, and endocrine systems. Fundamental information about common diseases, the disease process and the immune system are introduced.

Introduction to Computers .................. pages 85
ITSCC 2100103 80 Contact Hours $292
Overview of computer information systems. Introduces computer hardware, software, procedures, and human resources. Explores integration and application in business and other segments in society. Fundamentals of computer problem-solving and programming may be discussed and applied. Examines applications and software relating to a specific curricular area. This course is linked to ITSC 1301.

Introduction to Manufacturing for Mechatronics .................. page 37
INMTC 1109136 12 Contact Hours $216
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.

Introduction to MySQL .................. page 35
ITSEC 2100303 80 Contact Hours $280
Introduction to fundamentals of SQL and relational databases. Topics covered include database terminology and concepts; planning, defining, and designing a database; designing and generating tables; devising and processing queries; installing MySQL and troubleshooting syntax. This course is linked to ITSE 1303.

A $21 Infrastructure fee per semester applies to all students.

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Leadership Skills for New Supervisors ........................................ page 30
BMGTC 1101006 32 Contact Hours $960
This course is designed to provide new and current supervisors with effective strategies for managing and developing their employees. Much of the program will be focused on developing positive working relationships, improved communication, and targeted employee improvement processes. It is also designed to help the supervisor identify his or her own strengths, attitudes, and leadership approach. Each module will include a targeted Leadership piece. The Action Planning lesson will help participants create a plan for using what they have learned after they leave the course. Participants will learn and apply tips, tricks, and techniques that promote the company’s core values.

Lean Six Sigma Black Belt Certification ........................................ pages 30, 64
BMGTC 1109150 62 Contact Hours $2,105
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 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.

Lean Six Sigma Green Belt Certification ........................................ pages 30, 64
BMGTC 1109151 57 Contact Hours $1,935
Topics address recently identified current events, skills, knowledge, and/or attitudes and behaviors pertinent to the technology or occupation and relevant to the professional development of the student. This course was designed to be repeated multiple times to improve student proficiency. The content blends the Lean process improvement tools with the problem-solving tools of Six Sigma following the DMAIC (Define, Measure, Analyze, Improve, and Control) model. Learn to play a major role in process improvement projects as a team member or leader of projects within your functional areas. This certification requires completing a capstone project, which gives you the opportunity to apply the knowledge and skills acquired to specific problems. As a Green Belt or Project Lead, you will master the skills necessary to lead a complex process improvement project that produces bottom line results. Format: Workshop/Online.

Linux Installation and Configuration ........................................ page 36
ITSCC 2101600 80 Contact Hours $280
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.

Math for Welders ........................................................................ page 46
WLDGC 2109117 32 Contact Hours $536
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. 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.

Mechanical Skills, Basic .............................................................. pages 45
ENERC 1103002 48 Contact Hours $803
Basic mechanical skills using hand and power tools in an industrial environment. Topics include tool use and maintenance, lubrication, measuring, threading 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.
Medical Terminology I ................................ page 52
HITTC 210603 32 Contact Hours $640
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.

Medication Aide Refresher ................................ page 56
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.

Mental Health in Occupational Therapy ............... page 55
OTHAC 1200990 32 Contact Hours $648
Promotion of mental health and wellness through occupational therapy. Topics include theory and intervention strategies to enhance occupational performance.

Music Theory I ........................................ page 87
MUSIC 3101101 48 Contact Hours $280
The study of analysis and writing of tonal melody and diatonic harmony, including fundamental music concepts, scales, intervals, chords, 7th chords, and early four-part writing. Analysis of small compositional forms. Optional correlated study at the keyboard. Prerequisite: College Level Readiness in Reading AND Writing; Corequisite: MUSI 1116.

National Electrical Code I ........................... page 43
ELPTC 2102501 48 Contact Hours $325
An introductory study of the National Electric Code (NEC) for those employed in fields requiring knowledge of the Code. Emphasis on wiring design, protection, methods, and materials; equipment for general use; and basic calculations. This course is linked to ELPT 1325. Prerequisite: ELPT 1311.

Nurse Aide, Certified .................................... page 50
NURAC 2100105 64 Contact Hours $882
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.

Nurse Aide, Certified (Clinical) ............................ page 51
NURAC 2106003 44 Contact Hours $596
A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional. This course is a component of the Certified Nurse Aide Certification that prepares for Nurse Aide Competency Exam. The course explains the National Nurse Aide Assessment Program (NNAAP) Skills in a long-term care facility. Student must also register for insurance and state exam proctor fee.

Nurse Aide State Exam Facilitator Fee .................. page 51
NURXC 7800112 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.

Nutrition ................................................. page 56
VNSGC 2101601 30 Contact Hours $414
Introduction to nutrients and the role of diet therapy in growth and development and in the maintenance of health and wellness for individuals, health, fitness and wellness professionals. Option for credentialing with various professional organizations.

Occupational Performance for Elders .................... page 55
OTHAC 1105300 32 Contact Hours $648
Occupational performance of elders. Includes frames of reference, evaluation tools and techniques, and intervention strategies.

Occupational Performance from Birth to Adolescence .. page 55
OTHAC 1104100 32 Contact Hours $648
Occupational performance of newborns through adolescence. Includes frames of reference, evaluation tools and techniques, and intervention strategies.

Occupational Therapy Practitioner Field ................ page 55
OTHAC 1109100 80 Contact Hours $1,075
Practical, general workplace training supported by an individualized learning plan developed by the employer, college, and student. This is a recertification course for students who currently hold a licensure for Occupational Therapy which has expired.

Oil and Gas, Introduction ................................ page 44
PRTC 2110403 16 Contact Hours $280
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.

Operation of CNC Machining Centers .................... page 46
MCHNC 2203403 64 Contact Hours $1,059

Operation of CNC Turning Centers ....................... page 46
MCHNC 2203102 64 Contact Hours $1,059

Painting I .............................................. page 84
ARTSC 3231601 96 Contact Hours $290
An introduction to various painting theories and techniques using oil and/or acrylics. This course is linked to ARTS 2316. Prerequisites: ARTS 1311 and ARTS 1316.

Painting II ............................................. page 84
ARTSC 3231701 96 Contact Hours $290
A continuation of Painting I, with an emphasis on individual expression. This course is linked to ARTS 2317. Prerequisites: ARTS 2316. College Level Readiness in Reading AND Writing.

Pay Train Level I ..................................... page 30
ACNTC 2109108 30 Contact Hours $400
The Pay Train Level I 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

A $21 Infrastructure fee per semester applies to all students.
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.

Pay Train Level II ................................ page 30 ACNC 2109107 36 Contact Hours $450 Pay Train Level II 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. 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.

Payroll Accounting I ................................ page 29 ACNC 2101511 24 Contact Hours $408 Focus on payroll and associated records, including time and record keeping, actual payroll, and quarterly and annual reports.

Payroll Accounting II ................................ page 29 ACNC 2109112 24 Contact Hours $408 Continuation of Payroll Accounting I. Focus on payroll and associated records, including time and record keeping, actual payroll, and quarterly and annual reports.

Pedagogy and Professional Responsibilities (PPR) .......... page 60 ATCPC 7000062 108 Contact Hours $913 Students will learn to design developmentally appropriate classroom instruction and assessment; create a positive, productive learning environment; manage a classroom in a way that encourages cooperation and self-discipline; and apply technology applications as part of the instructional process. This course requires 30 hours of external field-based experience in K-12 schools. This course is required to meet the 300+ hours of coursework and training to be in compliance with the Texas Education Agency to be recommended for a Standard Certification.

Percussion Ensemble .................................... page 80 MUENC 3103401 48 Contact Hours $122 This course involves the study and performance of music compositions for small percussion groups. It is recommended for music majors whose performing medium is percussion. Open to all qualified students by approval of department. A maximum of four credit hours may be earned. This course is linked to MUEN 1134. Prerequisite: College Level Readiness in Reading AND Writing.

Personal Training ..................................... page 58 FITTC 2103702 32 Contact Hours $536 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.

Phlebotomy ............................................. page 51 PLABC 2102301 96 Contact Hours $1,298 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.

Phlebotomy Clinical for Patient Care Technician .......... page 52 PLABC 2109100 12 Contact Hours $180 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 PCT students.

Phlebotomy, Clinical ................................ page 51 PLABC 2106001 100 Contact Hours $1,335 A health-related, work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional. Times to be arranged.

Photography I ....................................... page 85 PHOTC 3235601 96 Contact Hours $300 A beginning course which introduces students to theoretical and applied aspects of photography, including cameras, lenses, photographic materials and techniques, black-and-white darkroom procedures and photographic composition. May include digital photography practices. This course is linked to ARTS 2356.

Photography II ...................................... page 85 PHOTC 3235701 96 Contact Hours $300 A continuation of Photography I, this course provides further study of photographic theories, techniques and processes. The analysis and utilization of the design and compositional elements in photography are also stressed. May include digital photography practices. This course is linked to ARTS 2357. Prerequisite: College Level Readiness in Reading AND Writing; ARTS 2356.

Photoshop I .......................................... page 25 ITSWC 2100302 16 Contact Hours $280 Graphics software for image enhancement, photo retouching, and image composition. Apply the basics of digital imaging, and use of common tools, palettes, and commands for manipulating images and compressing them for the fastest downloads. Prerequisites: Computer Fundamentals or equivalent knowledge required.

Photoshop I for Web ................................ page 24 GRPHC 2109107 24 Contact Hours $408 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 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.

Photoshop II for Web ................................ page 24 GRPHC 2109108 24 Contact Hours $408 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.
Piano Class I ........................................... page 87
MUSIC 3118101 48 Contact Hours $122
Beginning class instruction in the fundamentals of keyboard technique. This course is linked to MUSI 1181.

Piano Class II ........................................... page 87
MUSIC 3118201 48 Contact Hours $122
Advanced beginning class instruction in the fundamentals of keyboard technique. This course is linked to MUSI 1182.

Piano Class III ........................................... page 87
MUSIC 3218101 48 Contact Hours $122
Intermediate class instruction of keyboard technique. This course is linked to MUSI 2181.

Pipe Welding ............................................ page 46
WLDGC 2104106 80 Contact Hours $1,555
This course covers pipe welding techniques and applications. Student purchases personal tools, supplies and workbook.

PMP Certification Exam Preparation ........ pages 31, 65
BMGXC 5000134 35 Contact Hours $1,566
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.

Pop Singers I .............................................. page 87
MUENC 3105401 48 Contact Hours $102
The Pop Singers specialize in performing contemporary popular music, including music of radio, TV, motion picture, and Broadway. Some choreography and staging may be involved. A maximum of four credit hours may be earned. This course is linked to MUEN 1154.

PowerPoint I ............................................ page 36
ITSWC 2103702 16 Contact Hours $280
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.

PowerPoint II .......................................... page 36
ITSWC 2104102 16 Contact Hours $280
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.

Practicum ................................................. page 54
CSPDC 2107301 400 Contact Hours $635
This course allows the student to gain practical experiences in processing equipment, instruments, and supplies. Students will use commercial equipment in each of the phases of processing including decontamination, disinfection, inspection, and reassembly. Students will work alongside technicians in a clinical setting at one of our affiliate sites.

Private Applied Music: Voice ....................... page 87
MUAPC 3128101 16 Contact Hours $356
Private instruction, in instruments and voice, is available to students majoring or minoring in music and to other students who desire to gain or improve proficiency in individual vocal or instrumental performance. (One 1/2 hour lesson per week) This course is linked to MUAP 1181. Prerequisite: Departmental approval; Corequisite: One MUEN or MUSI course.

Professional Truck Driver I ......................... page 39
CVOPC 2101315 112 Contact Hours $1,827
Overview of the State of Texas Class A Commercial Driver’s License written test. Includes presentation for mastery of the Commercial Driver’s License written examination, general truck driving skills with hands-on component, and instruction coordinated with the Department of Transportation. This course provides the trainee with the basic knowledge and skills test which includes pre-trip inspection, basic control skills test, straight line backing, parallel parking and alley docking. The purpose of the Commercial Driver's License is to certify basic skills in actually operating a commercial vehicle. Day and weekend classes are available. For further information on how to register, please call 281.765.7750. Student support specialists will help you complete registration information. Commercial Driver’s License Written Skills, Professional Truck Driver I, Professional Truck Driver II, and Commercial Driver’s License Exam Preparation must be taken concurrently.

Professional Truck Driver II ......................... page 39
CVOPC 2104001 80 Contact Hours $1,315
A continuation of Professional Truck Driver I. General truck driving with hands-on skill development and instruction coordinated with the Department of Transportation. This course provides the trainee with the basic knowledge and skills test which includes pre-trip inspection, basic control skills test, driving. The purpose of the Commercial Driver’s License is to certify basic skills in actually operating a commercial vehicle. Day and weekend classes are available. For further information on how to register, please call 281.765.7750. Student support specialists will help you complete registration information. Commercial Driver’s License Written Skills, Professional Truck Driver I, Professional Truck Driver II, and Commercial Driver’s License Exam Preparation must be taken concurrently.

Professional Truck Driver: Classroom ............. page 40
CVOPC 1109111 38 Contact Hours Custom
This course is for students in the Stevens Transport Truck Driving Program only. The course is designed to prepare participants to obtain a Commercial Permit License (CPL). 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 component, and instruction coordinated with the Department of Transportation.

Professional Truck Driver: Road Skills .......... page 40
CVOPC 1104003 98 Contact Hours Custom
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 is for students in the Stevens Transport Truck Driving Program only. A continuation of Professional Truck Driver: Theory. The course is designed to prepare participants to obtain a Commercial Driver’s License (CDL). General truck driving with hands-on skill development and instruction coordinated with the Department of Transportation. Includes behind-the-wheel driving time on a practice range and on public roads.

Programmable Controllers ......................... page 45
RBTCC 2100101 96 Contact Hours $341
A study in programmable controllers. Topics include processor units, numbering systems, memory organization, relay type devices, times, counters, data manipulators and programming and troubleshooting skills on a cross section of industrial PLCs. This course is linked to RBT 1401. Prerequisite: CETT 1402 or CETT 1409.

Programmable Logical Controllers ............... page 45
ELPTC 1100306 40 Contact Hours $664
Basic hardware and software applications for industrial Programmable Logic Controllers (PLC). Includes power supplies, discrete Input/Output (I/O) modules, programming devices, processors, basic logic elements, timers, and counters.

A $21 Infrastructure fee per semester applies to all students.
Quality Control .......................... page 45
BMGT 1102405 16 Contact Hours $280
Principles and elements of total quality management.

QuickBooks I .......................... page 28
ACNT 2101002 16 Contact Hours $280
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.

QuickBooks II .......................... page 29
ACNT 2105402 16 Contact Hours $280
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.

Refrigeration Principles NCCER .......................... page 47
HART 2100705 120 Contact Hours $1,620
An introduction to the refrigeration cycle, heat transfer theory, temperature/pressure relationship, refrigerant handling, refrigeration components, and safety.

Residential Wiring .......................... page 43
ELPT 2102903 50 Contact Hours $287
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: ELPT 1325.

SAT Preparation .......................... page 67
DEVSC 3900402 32 Contact Hours $185
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.

SEO: Analytics and Tracking .......................... page 24
ITNWC 2109100 16 Contact Hours $280
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.

Shielded Metal Arc Welding (SMAW) ....................... page 46
WILDGC 2102804 80 Contact Hours $1,555
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.

Sight Singing and Ear Training I .......................... page 88
MUSIC 3101601 48 Contact Hours $102
Singing tonal music in treble and bass clefs, and aural study of elements of music, such as scales, intervals and chords, and dictation of basic rhythm, melody and diatonic harmony. This course is linked to MUSI 1116. Prerequisite: College Level Readiness in Reading AND Writing; Corequisite: MUSI 1311.

SolidWorks I .......................... page 42
DFTGC 2109120 30 Contact Hours $504
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 the basics of user interface, how to model objects, simple assemblies, and creating technical drawings.

SolidWorks II .......................... page 42
DFTGC 1109101 30 Contact Hours $504
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 develop the skills more and get into complex assembly, difficult modeling concepts, and the creation of fully functional production drawings. Learn how to make solid models, how to make assemblies, and how to make technical drawings, when a student has these skills, they can learn all other aspects of the program as well.

SolidWorks III .......................... page 42
DFTGC 1109103 30 Contact Hours $504
Topics address recently identified current events, skills, knowledge, and/or attitudes and behaviors pertinent to the technology or occupation and relevant to the professional development of the student. This course was designed to be repeated multiple times to improve student proficiency. This course is for the SolidWorks user who is already familiar with the SOLIDWORKS program and is also more CAD literate, who wants to expand their knowledge of the different features that SOLIDWORKS has to offer. The class will cover SOLIDWORKS tools and techniques and expands on Solids, Surfaces, Multibodies, Configurations, Drawings, Sheet Metal and Assemblies. This class will help students to prepare for the Certified SolidWorks Associate exam. Textbook required.

Spanish I, Conversational .......................... page 82
SPANC 3100134 24 Contact Hours $156
Emphasis is on conversation while developing Spanish vocabulary and phraseology used for business, travel and other communication needs. Instruction in selected vocabulary, pronunciation and basic structures used by those employed.

Spanish II, Conversational .......................... page 82
SPANC 3100135 24 Contact Hours $156
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.

Spanish III, Conversational .......................... page 82
SPANC 3100136 24 Contact Hours $156
This course is designed to amplify the basic concepts learned in Spanish II with drills for mastery in basic structural patterns and functional vocabulary. Instruction in selected vocabulary, pronunciation, and basic structures used by those employed. Prerequisite: Spanish II, Conversational or its equivalent.

Spanish IV, Conversational .......................... page 82
SPANC 3100137 24 Contact Hours $156
Designed to build on the concepts learned in Spanish III, this course provides further drills for mastery in structural patterns and functional vocabulary. Instruction in selected vocabulary, pronunciation, and basic structures used by those employed. Prerequisite: Spanish III, Conversational or its equivalent.
And Writing.

MUEN 1123. Prerequisite/Corequisite: College Level Readiness in Reading AND Writing.

The study and performance of music compositions for full orchestra, including sound, and theatrical management. This course is linked to DRAM 1330. Prerequisite: College Level Readiness in Reading AND Writing.

String Ensemble

MUENC 331000 48 Contact Hours $102

This course involves the study and performances of music compositions for small string groups. It is recommended for music majors whose principle performing medium is the violin, viola, or cello. A maximum of four credit hours may be earned. This course is linked to MUEN 1131.

Substitute Teacher Training

EDTCC 210021 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.

Symphonic Band

MUENC 3212401 48 Contact Hours $102

The study of a wide variety of literature for wind and percussion instruments through rehearsal and performance. Open to all students with instrumental music experience. A maximum of four credit hours may be earned. This course is linked to MUEN 2124. Corequisite: College Level Readiness in Reading AND Writing.

Symphony Orchestra

MUENC 3112301 48 Contact Hours $102

The study and performance of music compositions for full orchestra, including strings, woodwinds, brass, and percussion. Recommended for music majors whose principle performance instrument is violin, viola, cello, or string bass. A maximum of four credit hours may be earned. This course is linked to MUEN 1123. Prerequisite/Corequisite: College Level Readiness in Reading AND Writing.

Tai Chi I

PHEDC 3113001 48 Contact Hours $103

This introductory course offers practice in the simplified styles and forms of Tai Chi. Students study history and basic terms along with philosophical and physiological principles and the movements of Tai Chi. This course is linked to PHED 1130.

TCP Internship I

ATCPC 7000065 32 Contact Hours $1,020

This course is designed for post-baccalaureate individuals who have been accepted into the Alternative Teacher Certification Program with the Lone Star College 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.

TCP Internship II

ATCPC 7000066 32 Contact Hours $1,020

This course is designed for post-baccalaureate individuals who have been accepted into the Alternative Teacher Certification Program with the Lone Star College 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.

TCP Internship Extension

ATCPC 7000055 48 Contact Hours $528

This fee is charged to individuals who have not completed all requirements of their internship and who must extend their internship and the mentoring relationship for one more semester.

TExES ESL/Bilingual Review Session

ATCPC 7200012 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.

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.

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.

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.
TExES Review: PPR EC-12 ........................ page 60
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.

TExES Review: Special Education ............... page 62
ATCPC 7200019 7 Contact Hours $105.50
The TExES review course is an overview of the standards and competencies needed to pass the TExES examination. The course provides students with preparation training at the appropriate grade and content levels.

Tools for Teaching Module ........................ page 60
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 along with taking the Substitute Teacher Training.

Web Page Creation - Online ........................ page 25
IMEDC 2100201 32 Contact Hours $536
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.

Word I .......................................... page 36
POFIC 2102406 16 Contact Hours $280
Introduction to word processing terminology, editing functions, formatting, and special text options. Prerequisite: Computer Fundamentals or equivalent knowledge. USB drive required.

Word II .......................................... page 36
POFIC 2104202 16 Contact Hours $280
Word processing production techniques. Includes search and replace functions, headers and footers, mail merge, file functions, and printer setup. Prerequisite: Word I.

Are you interested in a course or program, but don’t see your campus information?
Check out our website at LoneStar.edu/Programs.

WordPress I ....................................... page 24
ITSEC 2109151 24 Contact Hours $408
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.

Work Skills for the Workplace .................... page 31, 44-46
BUSGC 1101200 16 Contact Hours $280
BUSGC 2101202 16 Contact Hours $280
Develop entry-level skills for the workforce. Includes professionalism, interpersonal skills, communication, workplace civility, and employability (resume/interview) skills.

Workplace Microbiology ............................ page 56
SCITC 2101301 64 Contact Hours $1,059
A study of the identification and growth of microorganisms as pathogenic or non-pathogenic agents including epidemiology. Includes the detection of microbes and control of infectious agents in the workplace emphasizing sanitation and asepsis. Designed for students with a passing grade of at least a C in Medical Microbiology (BIOL 2420).
About LSC-CyFair

Cypress-Fairbanks residents voted to become part of Lone Star College in August 2000 and the new Lone Star College-CyFair opened in May 2002 as the fifth Lone Star College. LSC-CyFair now has 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-Cypress Center, which opened in fall 2013 at Clay and Fry Roads, serves residents in the southwest area of Cypress-Fairbanks, and; 3) The LSC-Westway Park Technology Center, off Beltway 8 between Clay and Tanner Roads, opened in Spring 2019.

Highlights

• LSC-CyFair offers more than 60 areas of study for the traditional, full- or part-time student; university partnerships, academic transfer courses and degrees; and workforce development and continuing education.
• Leading-edge technology to promote relevant job skills in Networking, Visual Communication and more.
• State-of-the-art advanced manufacturing center, preparing students for degrees in welding, manufacturing, machining, electronics, drafting, engineering technology and more.
• Exceptional healthcare programs including nursing, medical radiologic technology, medical assisting and sonography.
• Access to a comprehensive library system via a collaborative community partnership with the Harris County Public Library and LSC-CyFair.
• Training for Emergency Medical Services and Fire Science students at the Emergency Services Education Center via a collaborative community partnership with LSC-CyFair and the Emergency Services District.
• Artistic talent in many mediums displayed in the Bosque Gallery, as well as choral, instrumental and theatrical performances year round in the Center for the Arts.
• Comprehensive student support to help students identify and complete their academic and career goals.
About LSC-Houston North

In August of 2019, Lone Star College launched its newest college concept, Lone Star College-Houston North. This new college placed three existing satellite locations under a new administrative structure and provides programs and supports to serve students and communities in the surrounding Beltway 8 region of the Lone Star College service area.

Lone Star College-Houston North consists of LSC-Houston North Fairbanks, a two-story facility located at U.S. Highway 290 and West Little York Road; LSC-Houston North Greenspoint, a three-story facility located near I-45 and south of the Beltway feeder; LSC-Houston North Victory, a two-story facility located on Victory Drive within the Acres Homes community; and LSC-Houston North Fallbrook, coming in Spring 2021.

Highlights by Location

- LSC-Houston North Fairbanks opened in 2002. This location has a diverse student population that represents more than 60 countries.
- LSC-Houston North Greenspoint began offering classes at this center in 2004. This location includes credit and non-credit programming specifically designed to meet community needs.
- LSC-Houston North Victory opened in its current location in 2010. This location includes the Victory Early College High School that has been recognized as a Blue Ribbon School by the U.S. Department of Education.

Highlights

The new college builds upon the success of the current centers by offering comprehensive educational experience for students.

- All courses within selected credit and non-credit programs are offered in their entirety. Students have the opportunity to start and finish programs at each location.
- Courses are offered in morning, afternoon, and evening blocked schedules to support part-time, working students.
- The college has a culture of mentoring supported by faculty and peer mentors.
- A majority of courses are offered in eight-week terms allowing for faster credit accumulation.
- Students are supported by selected wraparound services to address non-academic needs.
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 Lone Star College’s territory.

LSC-Kingwood offers three off-site locations to better serve the rapidly growing communities of Kingwood, Humble, Atascocita, and eastern Montgomery County. The locations include LSC-Atascocita Center (15903 West Lake Houston Parkway), EMCID Complex (21575 Highway 59 North in New Caney), and the LSC-Process Technology Center (14001 Lockwood Road in Generation Park).

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. The campus also offers high school students the opportunity to earn college credits through its dual credit and early college programs.
• A 40,411-square-foot health professions center will open on the main campus in 2021. The new facility will house current programs – nursing, occupational therapy assistant, respiratory care, dental hygiene and dental assisting.
• The Student Services Division holds several events during the fall and spring semesters. The Career Services Job Fair assists students in finding jobs in the Lake Houston community. The Outreach and Recruitment Transfer Fair helps students further their educational journey once they leave LSC-Kingwood.
• LSC-Kingwood offers health-related training to prepare students for careers in nursing, occupational therapy, dental hygiene, and respiratory care.
• LSC-Kingwood and area partners hold a monthly Community Food Fair in the college’s Parking Lot G. This event started in fall 2015 and to date has provided food to more than 4,000 households and at least 20,000 individuals in the Lake Houston and surrounding communities.
• LSC-Kingwood offers a variety of performing and visual arts classes such as music, drama, art, as well as a fine arts gallery.
About LSC-Montgomery

Located on 165 acres of pine forest between The Woodlands and Conroe, LSC-Montgomery was established as a comprehensive college to serve the residents of Montgomery County. LSC-Montgomery is many things to many people. For some it is the first step toward a degree – associate, bachelor’s or master’s. For others, it offers career programs and certificates that lead to real jobs – in two years or less. Still others enjoy leisure learning opportunities, individual classes, artistic programs, library access, community events and more.

Highlights

• Promotes student success by engaging students in a variety of opportunities that support their cultural, social, intellectual, leadership, personal and physical development while enhancing their overall college experience.
• Offers more than 60 comprehensive areas of study for the traditional, full- or part-time student, as well as workforce education and continuing education programs.
• Delivers access to fully-online degrees, hybrid classes, and individual online classes - flexible options to fit with each student’s goals.
• The Honors College at LSC-Montgomery provides a wide range of opportunities for high-achieving students, such as graduating with an Honors AA or Honors AS degree, Honors distinction upon graduation and individual honors course credit.
• The Undergraduate Research Institute at LSC-Montgomery empowers students to participate in inquiry, methodology and discovery at increasingly advanced levels in collaboration with faculty, both within the classroom and independently.
• LSC-Montgomery’s satellite campus, LSC-Conroe Center, is a comprehensive educational campus that provides a mix of academic transfer courses and corporate and workforce training programs.
• The Write Place and the Student Tutoring And Research Center at LSC-Montgomery provide academic resources to support student success, including free tutoring, assistance with writing-related activities, print and online resources, as well as librarian assistance to support student research.
About LSC-North Harris

Since 1973, Lone Star College-North Harris has been serving residents of the Aldine and Spring school districts. It was the first and founding college of Lone Star College and set the pace with quality, affordable education. LSC-North Harris serves thousands of students via its 200-acre main campus located in north Houston and will open its new East Aldine Center in Fall 2019, southeast of Sam Houston Parkway and Aldine-Westfield Road. Industry-specific classes and programs are also offered through the college’s specialized facilities: the LSC-Health Professions Building and the CHI LSC-North Harris School of Cosmetology, both of which capitalize on local partnerships to provide valuable training in high-demand fields.

Highlights

• LSC-North Harris offers flexible class schedules and first-class professors who recognize students’ need to juggle classes with work and family responsibilities. Courses are held during the day, in the evening, on weekends, and in fast-track, independent, online or individualized study formats.
• More than 180 degree and certificate programs are designed for both university transfer and career building.
• Comprehensive library services are available for students and the community, which includes a Makerspace – an interactive lab where students can use advanced technology to create, invent and learn.
• Free tutoring, computer lab use, on-campus parking, intramural sports programs, plus a comprehensive weight training center, dance/aerobics studio, mile-long walking trail and gymnasium are also available.
• The college’s Fine Arts Department offers a comprehensive curriculum with programs in art, dance, theater and music.
• The LSC-Health Professions Building, located near Houston Northwest Medical Center, is home to many of the college’s Allied Health and Nursing programs, including Health Information Technology and Pharmacy Technology.
• The CHI LSC-North Harris School of Cosmetology is a unique partnership that brings the world-renowned methods and products of Farouk Systems, Inc. to an exceptional cosmetology program, with an up-to-date curriculum and experienced instructors.
• Coming soon, the LSC-East Aldine Center is slated to offer academic and workforce programs as well as student support services. This location is also expected to house an Early College High School.
About LSC-Tomball

Lone Star College-Tomball, the third of the seven 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 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 LSC-Creekside Center, an LSC-Tomball satellite center located in the Creekside area of The Woodlands. 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 College, service learning programs, dual credit classes and international studies allow LSC-Tomball students to have an advanced academic college experience.
• The LSC-Tomball Community Library, a joint library with the Harris County Public Library system, houses a wide variety of resources for the community, including a children’s library, as well as a wealth of resources to serve the research needs of students.
• In addition to traditional course offerings, fast track options, and “finish early” courses, it is now possible to become “Core-complete” exclusively online! Students enrolled at Lone Star College or any public university in Texas, must complete the Texas Core Curriculum.
• To support student success, LSC-Tomball offers professional advising and counseling, financial aid services, recruitment and outreach services, testing and tutoring support, and accommodations for students with disabilities. Additionally, a vibrant Student Life department provides students with many opportunities to get connected, make friends, learn leadership skills, and enhance their academic experience.
• Continuing education courses for lifelong learners are also available. Discovery College provides a safe and fun college experience during the summer for students age 6–17. The Academy for Lifelong Learning (ALL) program offers opportunities for adults age 50+ to take free or low-cost classes and participate in personal interest activities. Preparation courses for the General Educational Development (GED) test are also offered, along with other adult basic education courses.
About LSC-University Park

Established in 2012 as Lone Star College’s sixth comprehensive college and enrolling more than 13,000 students per semester, LSC-University Park is devoted to impacting the community’s prosperity and upward mobility through student success. The college’s competent and compassionate faculty and staff provide students with holistic and immersive education and training in disciplines and industries that meet current and future workforce needs.

LSC-University Park is the community’s college and home to the YMCA Children’s Academy, iSchool High charter high school, University of Houston-Downtown Northwest, and several industry partners. LSC-University Park has been recognized nationally as a model for innovative colleges of the 21st century and serves as an incubator for innovative partnerships between education, community and industry. Standout facilities include the Center for Science & Innovation, the Energy & Manufacturing Institute, the Innovation Lab, Geology Rock Wall and a digital library with over 5 million resources.

Highlights

- Bachelor’s and master’s level classes and degrees are offered on-site through the LSC-University Center. General AA & AS degrees from LSC-University Park are uniquely developed for transfer to four-year universities. Seamless credit transfer is possible through 2+2 programs – two years at Lone Star College and two years at University of Houston-Downtown on-site or anywhere else.
- More than 70 programs of study are offered, including credit and non-credit courses, workforce training and continuing education classes.
- Degree paths are offered in a variety of learning environments to provide flexibility and personalized instruction, including in-person, online and hybrid courses.
- Specialized services are available to veterans, international students and students needing ADA accommodations.
- The Student Learning Resource Center (SLRC) provides a high-tech, digital library and state-of-the-art computer lab.
- Free academic coaching is open to students, including a Writing Lab, Assistive Technology Lab, Science and Math Hotspots and an Academic Coaching Center.
- LSC-University Park’s Black Box Theatre provides several fine arts events, from musical performances to theatrical productions.
- The Energy & Manufacturing Institute offers courses in tomorrow’s technologies, from mechatronics and machining, to engineering and much more.
- LSC-University Park’s Innovation Lab provides students access to the latest technologies, including 3D printing, virtual reality learning environments and robotics.
As the first of two university center locations at Lone Star College, the LSC-University Center at The Woodlands has been setting the standard for on-site delivery of various upper level bachelor’s, master’s and doctoral degree programs for more than 20 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 four universities operating on site: Lamar University, Ferris State University, Rice University, Sam Houston State University and Stephen F. Austin State University. Call 936.273.7510 or visit LoneStar.edu/University-Center.

**Highlights**

- Students are able to complete freshman and sophomore level requirements from any Lone Star College or any other Texas community college before transferring to one of the partner universities.
- In addition to junior- and senior-level courses leading to bachelor’s degrees, four of the partner universities offer graduate programs for master’s and two universities offer doctoral degrees on-site.
- Classes offered are identical to those offered on the university home campuses. Each university’s faculty teach courses on site at the University Center.
- Students have access to the University Center’s wireless network and a virtual library connecting them to their home university library.
- Visit LoneStar.edu/University-Center for detailed descriptions of programs.

**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.

**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. Benefits include a simplified application process, discounted or no application fees, and complete access to the facilities and resources of both institutions.

**Reverse transfer**

Lone Star College also has reverse transfer programs with its University Center partner universities, and other colleges in Texas, which establish policies and procedures for credits earned at universities to be transferred back to Lone Star College and applied toward associate degrees. Students wishing to obtain an associate degree while attending a partner university are able to transfer university credit toward the Lone Star College associate degree.

For more information visit LoneStar.edu/University-Center.
The second of the Lone Star College university center locations, LSC-University Center at University Park is also designed to provide easy transfer for LSC graduates into advance degrees and programs offered by the four-year university partners on site at this location. The university partner offers more than 20 degrees to help advance the educational goals of students after attaining an associate degree with Lone Star College. To provide for easier access to upper-level education, LSC-University Center at University Park offers a 2+2 transfer agreement which gives students the opportunity to earn a two-year AA or AS degree (some AAS degrees apply) from Lone Star College and then continue with two years at one of the partner universities on site to complete a bachelor’s degree.

**Highlights**

- Lone Star College advisors and partner university advisors are available in one location to assist students planning to transfer into a variety of undergraduate and graduate degree programs, along with professional certification programs.
- Students are able to complete freshman and sophomore level requirements from any Lone Star College before transferring to one of the partner universities on site.
- The campus consists of five major 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 multimedia 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/University-Center for detailed descriptions of each program offered.
Date Residency Tuition Assistance

[08/01/20__]

Term: [ ] Fall  [ ] Spring  [ ] Summer

I currently reside:

[ ] In the state of Texas
[ ] Not in the state of Texas

State: ______ County: ______

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: Address Change? [ ] Yes  [ ] No

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

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

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

Race (Check all that apply)

[ ] American Indian/Alaskan Native  [ ] Not Hispanic or Latino
[ ] Asian  [ ] Black/African American
[ ] Hispanic or Latino  [ ] Native Hawaiian/Pacific Islander
[ ] White

Additional Information

[ ] Academically disadvantaged  [ ] 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

Business __________________________________________

[ ] LoneStar.edu
[ ] Other ___________________

What is your primary goal?

• Personal Enrichment
[ ] Leisure Learning  [ ] Academy for Lifelong Learning (ALL) Member
[ ] Professional Development
[ ] Workforce Certificate, Which certificate? _____________________________
[ ] Other _____________________________

Course Selection

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<th>Catalog #</th>
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Payment is due at the time of registration.

Make all checks payable to Lone Star College System.

A $21 infrastructure fee is charged per semester.

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

Total Fee

Method of Payment

Entered by

Date

Receipt #

Student Signature: __________________________________________

Charge to My:

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

Name on Card: _____________________________

Authorized Signature: _____________________________

Billing Address: _____________________________

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