



Workforce Solutions  
GULF COAST  
CAREER PATHWAYS

CAREER  
PATH  
AHEAD

**Catalog of Programs**  
**Program Year 2024-2025**

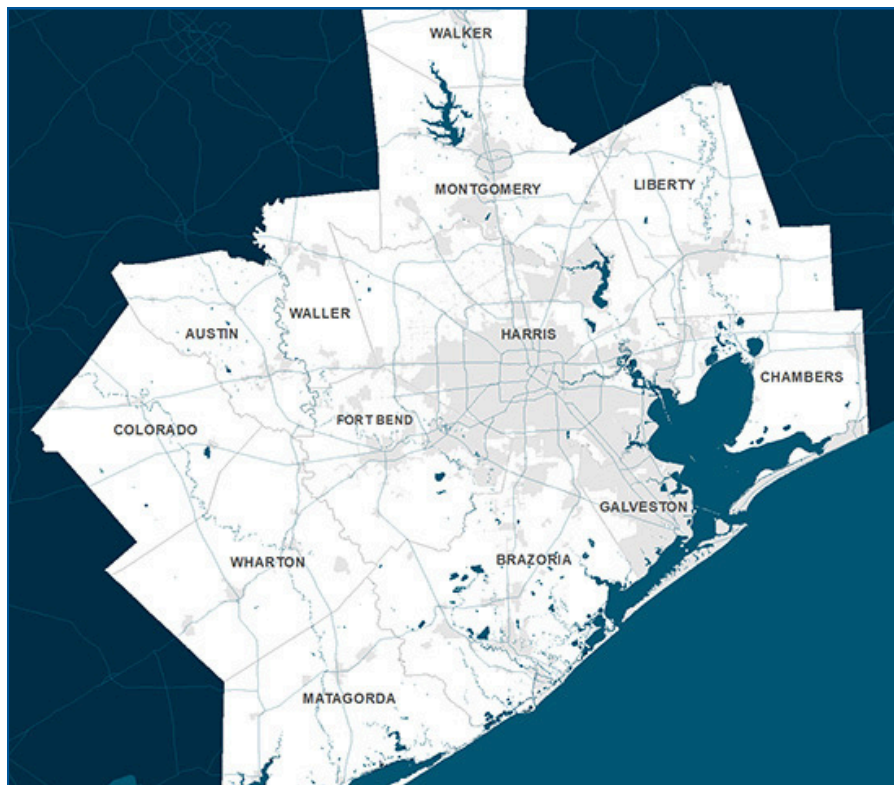


# Adult Education & Literacy (AEL) Services

## Services Offered

Interested in Adult and Basic Education services? We look forward to working with you! Adult Education and Literacy services available to you are:

- **English as a Second Language:** A program that builds critical communication skills for individuals that test at the functioning level at or above Low Beginning ESL.
- **Adult Basic/Popular Education:** A service program that provides adults with a solid foundation in mathematics, reading, writing, and science, preparing them for the GED exam, for individuals that test at the functioning level at or above Beginning Basic Education.
- **Integrated Education and Training:** A program that guides students into promising job training and career pathways for Adult Basic Education individuals that test at or above the functioning level of a NRS Level 3, of Low Intermediate Basic Education or for English Language Learner individuals that test at or above the functioning level of a NRS Level 3 (High Beginning ESL).
- **Digital Literacy:** A program that introduces students to key software and contemporary digital skills.
- **Family Literacy:** A program that brings reading and writing into the home, making it a family activity.
- **Financial Literacy:** A program that provides the essential foundation for an intelligent relationship with money, helping participants understand and effectively use various financial skills, including personal financial management, budgeting, and investing.



This map highlights the 13-county region—including Harris, Montgomery, Liberty, Chambers, Galveston, Brazoria, Fort Bend, Waller, Austin, Colorado, Wharton, Matagorda, and Walker counties—where Workforce Solutions Gulf Coast provides comprehensive support for job seekers and employers across the greater Gulf Coast area. Workforce Solutions Gulf Coast helps individuals overcome employment barriers by providing access to job training, career counseling, childcare assistance, transportation solutions, and direct connections to local employers. These resources empower job seekers to achieve their career goals and enable employers to build a skilled workforce, strengthening the region's economic vitality.

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# Architecture and Construction





# Carpentry

## Overview

This program is an introductory course that teaches the carpentry trade industry and basic framing skills. Students will learn how to construct and erect wood frame structures with an emphasis on the layout and construction of floors, walls, and roofs.

This course will cover terminology, how to read blueprints, and safety procedures for using hand tools, power tools, and structural materials. Students will learn the basic skills needed to become a residential carpenter.

Upon completion, students will earn a Construction Framers Occupational Skills Award.

## Eligibility Requirements

- High School Diploma or GED

## Employment

- There are about 13,164 carpenters employed in the Texas Gulf Coast Region.
- By 2032 the region will need an additional 1,059 carpenters.
- The average annual income for a carpenter working in the Texas Gulf Coast Region is \$45,554.



**For more information contact:**  
**Houston Community College Adult Education**



713-718-5381



[hcc.aelinstruction@hccs.edu](mailto:hcc.aelinstruction@hccs.edu)



<https://www.hccs.edu/programs/adult-education>



[www.wrksolutions.com](http://www.wrksolutions.com) 1.888.469.JOBS (5627)

Workforce Solutions is an equal opportunity employer/program. Auxiliary aids and services are available upon request to individuals with disabilities. (Please request reasonable accommodations a minimum of two business days in advance.) **Relay Texas:** 1.800.735.2989 (TDD) 1.800.735.2988 (voice) or 711

SOC: 47-2031  
CIP: 15.1001

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# Construction Manager

## Overview

This program is designed to give construction industry professionals the skills needed to implement projects through all phases of development, as recommended by the Project Management Institute (PMI).

The course strongly emphasizes real-world practices and the people skills required to successfully manage projects on time, on budget, and within scope.

Upon completion, students will have the knowledge and skills to add value to any organization and earn a Construction Project Management Certificate.

## Eligibility Requirements

- High School Diploma or GED

## Employment

- There are about 18,681 construction managers employed in the Texas Gulf Coast Region.
- By 2032 the region will need an additional 2,817 construction managers.
- The average annual income for a construction manager is \$110,881.

For more information contact:  
Houston Community College Adult Education



713-718-8932



[george.davis@hccs.edu](mailto:george.davis@hccs.edu)



[www.hccs.edu/continuing-education/ce-programs/construction-project-management](http://www.hccs.edu/continuing-education/ce-programs/construction-project-management)

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SOC: 11-0921  
CIP: 15.1001

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# Electricians

## Overview

Basic electrician training provides the skills, knowledge, and hands-on experience required for a long-term career as an electrician. Electricians install electrical systems in structures as well as wiring and other electrical components, such as circuit breaker panels, switches, and light fixtures. They also read blueprints and adhere to the National Electrical Code® in addition to state and local codes.

Upon completion, students will earn an Electrical Technician Occupational Skills Award.

## Eligibility Requirements

- High School Diploma or GED

## Employment

- There are about 20,281 electricians employed in the Texas Gulf Coast Region.
- By 2032 the region will need an additional 3,489 electricians.
- The average annual income for an electrician working in the Texas Gulf Coast Region is \$58,876.

For more information contact:  
**Houston Community College Adult Education**



713-718-8932



[george.davis@hccs.edu](mailto:george.davis@hccs.edu)



[www.hccs.edu/continuing-education/ce-programs/electrical-technician-osa](http://www.hccs.edu/continuing-education/ce-programs/electrical-technician-osa)

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SOC: 47-2111  
CIP: 46.0301

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# Plumbers, Pipefitters, Steamfitters

## Overview

This course covers essential math, tool usage, and safety for plumbing. Students learn to measure, cut, join, and test plastic pipes and groove copper tubes. The curriculum includes steel pipe fittings, valves, and hanger/support installation. You'll also learn faucet and fixture selection and DWV system basics, preparing you for entry-level plumbing jobs.

Upon completion, students will earn a National Center for Education and Research Pipefitting Credential.

## Eligibility Requirements

- A high school diploma or GED are not required but are strongly recommended for career advancement.

## Employment

- There are about 11,144 Plumbers, Pipefitters, and Steamfitters employed in the Texas Gulf Coast Region.
- By 2032, the region will need an additional 1,449 Plumbers, Pipefitters, and Steamfitters.
- The average annual income for a Plumber, Pipefitter, and Steamfitter working in the Texas Gulf Coast Region is \$59,465.

For more information contact:  
**Houston Community College Adult Education**



713-718-8932



[george.davis@hccs.edu](mailto:george.davis@hccs.edu)



<https://www.hccs.edu/continuing-education/ce-programs/plumbing-technician-osa/>

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SOC: 47-2152  
CIP: 46.0503

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# Business





# Logisticians

## Overview

This 48-hour Logistics Technician Certification Program (CLA & CLT) offers fast-track, Manufacturing Skill Standards Council (MSSC) aligned training in crucial logistics skills. Through hands-on learning, you'll master material handling, storage, equipment operation, and safety protocols. Prepare for the MSSC exam and significantly enhance your career opportunities in logistics and supply chain management. This program equips individuals at any career stage with essential skills for success.

Upon completion, students will earn a Logistics Specialist Occupational Skills Award.

## Eligibility Requirements

- High School Diploma or GED

## Employment

- There are about 4,405 Logisticians employed in the Texas Gulf Coast Region.
- By 2032, the region will need an additional 1,491 Logisticians.
- The average annual income for a Logistician working in the Texas Gulf Coast Region is \$78,998.

**For more information contact:**  
**Houston Community College Adult Education**



713-718-7947



[ce.business@hccs.edu](mailto:ce.business@hccs.edu)



<https://www.hccs.edu/continuing-education/ce-programs/logistics/>

[www.wrksolutions.com](http://www.wrksolutions.com) 1.888.469.JOBS (5627)

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SOC: 13-1081  
CIP: 52.0203

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# Education





# Childcare Worker

## Overview

This program is designed to provide students with a working knowledge of early childhood education.

In this program, students will study the principles of normal child growth and development from birth through age five. The focus will be on cognitive, physical, emotional, and social development.

Upon completion of this program, students will be prepared for employment in a childcare/early education setting and earn a Child Development Associate Occupational Skills Award.

## Eligibility Requirements

- High School Diploma or GED

## Employment

- There are about 22,565 childcare workers employed in the Texas Gulf Coast Region.
- By 2032 the region will need an additional 2,637 childcare workers.
- The average annual income for a childcare worker is \$28,686.

For more information contact:  
Houston Community College Adult Education



713-718-8727



[arthemise.foley@hccs.edu](mailto:arthemise.foley@hccs.edu)



[www.hccs.edu/continuing-education/ce-programs/child-development-associate](http://www.hccs.edu/continuing-education/ce-programs/child-development-associate)

[www.wrksolutions.com](http://www.wrksolutions.com) 1.888.469.JOBS (5627)

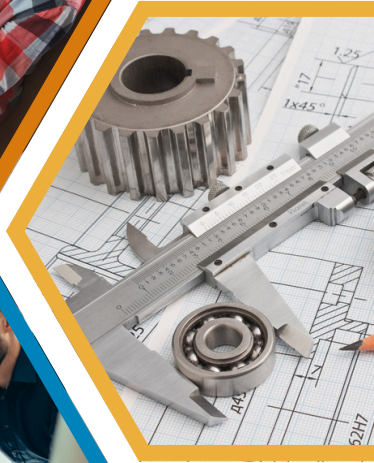
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SOC: 39-9011  
CIP: 19.0709

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# Engineering





# Architectural and Civil Drafters

## Overview

Prepare detailed drawings of architectural and structural features of buildings or drawings and topographical relief maps used in civil engineering projects, such as highways, bridges, and public works. Use knowledge of building materials, engineering practices, and mathematics to complete drawings.

Upon completion of this program, students will earn an AutoCAD Draftsman Certificate.

## Eligibility Requirements

- Instructional department approval required.
- The program is offered at multiple campuses. Please check the website for your preferred campus, then find their contact information through [lonestar.edu/continuing-education](http://lonestar.edu/continuing-education)

## Employment

- There are about 4,499 Architectural and Civil Drafters employed in the Texas Gulf Coast Region.
- By 2032, the region will need an additional 276 Architectural and Civil Drafters.
- The average annual income for an Architectural and Civil Drafter working in the Texas Gulf Coast Region is \$58,427.

For more information contact:  
**Lone Star College**



832-519-2900



[LSC-LEA@LoneStar.edu](mailto:LSC-LEA@LoneStar.edu)



<https://www.lonestar.edu/programs-of-study/AutoCAD-Draftsman-Certification.htm>

[www.wrksolutions.com](http://www.wrksolutions.com) 1.888.469.JOBS (5627)

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SOC: 17-3011  
CIP: 15.1302

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# Mechanical Drafters

## Overview

The SolidWorks Designer Certificate at Lone Star College is designed to provide industry-focused training in SolidWorks, a leading computer-aided design (CAD) software used for 3D modeling and engineering design. This program is ICLC-eligible and does not require admissions testing, making it accessible for individuals seeking rapid skills development for immediate employment.

Upon completion of this program, students will earn a SolidWorks Designer Certificate.

## Eligibility Requirements

- High School Diploma or GED
- Instructional department approval is required. Please contact the department information listed with this document.

## Employment

- There are about 1,426 Mechanical Drafters employed in the Texas Gulf Coast Region.
- By 2032, the region will need an additional 114 Mechanical Drafters.
- The average annual income for a Mechanical Drafter working in the Texas Gulf Coast Region is \$76,330.

For more information contact:  
**Lone Star College**



832-519-2900



[CFCE@LoneStar.edu](mailto:CFCE@LoneStar.edu) or [LSCUPCE@LoneStar.edu](mailto:LSCUPCE@LoneStar.edu)



<https://www.lonestar.edu/programs-of-study/Solid-Model-Design.htm>

[www.wrksolutions.com](http://www.wrksolutions.com) 1.888.469.JOBS (5627)

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SOC: 17-3013  
CIP: 15.1301

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# Finance



# Accountants and Auditors

## Overview

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

Upon completion of this program, students will earn an Accounting Assistant/Bookkeeper Certificate.

## Eligibility Requirements

- Instructional department approval required. Please contact the department information listed with this document.

## Employment

- There are about 30,428 Accountants and Auditors employed in the Texas Gulf Coast Region.
- By 2032, the region will need an additional 5,594 Accountants and Auditors.
- The average annual income for an Accountant and Auditor working in the Texas Gulf Coast Region is \$95,229.

For more information contact:  
**Lone Star College**



832-519-2900



Program is offered at multiple campuses. Please check the website for your preferred campus, then find their contact information through [lonestar.edu/continuing-education](http://lonestar.edu/continuing-education).



<https://www.lonestar.edu/programs-of-study/Accounting-Assistant-Certificate.htm>

[www.wrksolutions.com](http://www.wrksolutions.com) 1.888.469.JOBS (5627)

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SOC: 43-3031  
CIP: 52.0302

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# Payroll Assistant

## Overview

The Payroll Assistant Program is designed to provide students with the essential skills and knowledge needed for entry-level positions in payroll and related accounting roles. The program focuses on payroll processing, recordkeeping, and the use of industry-standard software, making it suitable for those interested in finance, human resources, accounting, compliance, and taxation.

Upon completion of this program, students will earn a Payroll Assistant Occupational Skills Award.

## Eligibility Requirements

- High School Diploma or GED
- Instructional department approval required. Please contact the department information listed with this document.

## Employment

- There are about 3,510 Payroll Assistants employed in the Texas Gulf Coast Region.
- By 2032, the region will need an additional 313 Payroll Assistants.
- The average annual income for a Payroll Assistant working in the Texas Gulf Coast Region is \$52,835.

For more information contact:  
**Lone Star College**



832-519-2900



[LSCMCE@LoneStar.edu](mailto:LSCMCE@LoneStar.edu)



<https://www.lonestar.edu/programs-of-study/Bookkeeper-Payroll-Clerk-Certificate.htm>

[www.wrksolutions.com](http://www.wrksolutions.com) 1.888.469.JOBS (5627)

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SOC: 43-3051  
CIP: 52.0302

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# Payroll Specialist

## Overview

This program was designed by the American Payroll Association (APA) to meet the specific educational needs of payroll professionals and those involved with payroll-related businesses. The PayTrain Fundamental Payroll 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. Information will be provided for those interested in taking the optional FPC exam.

Upon completion, students will earn a Fundamental Payroll Certification

## Eligibility Requirements

- High School Diploma or GED

## Employment

- There are about 3,510 Payroll Specialists employed in the Texas Gulf Coast Region.
- By 2032 the region will need an additional 313 Payroll Specialists.
- The average annual income for a Payroll Specialist working in the Texas Gulf Coast Region is \$52,835.

For more information contact:  
San Jacinto College



281-478-2734



[AdultEducation@sjcd.edu](mailto:AdultEducation@sjcd.edu)



<https://noncredit.sanjac.edu/course?courseCode=ACNT%2055036>

[www.wrksolutions.com](http://www.wrksolutions.com) 1.888.469.JOBS (5627)

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SOC: 43-3031  
CIP: 52.0302

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# Healthcare





# Cardiovascular Technologists and Technicians

## Overview

The Electrocardiography Technician program trains students to record and monitor the heart's electrical activity, recognize and evaluate heart rhythms, and perform stress testing. Student experience hands-on instruction in preparing patients for various methods of EKG testing, Holter monitoring, and exercise stress testing. Following the lecture/student lab classes, students will be placed in clinical settings to further develop the skill of electrocardiography on actual patients. EKG Technician program is designed to prepare students to take a national certification exam.

Upon completion, students will earn a Certified Cardiographic Technician Occupational Skills Award

## Eligibility Requirements

- High School Diploma or GED
- Criminal Background Check
- Immunizations

## Employment

- There are about 1,043 Cardiovascular Technologists and Technicians employed in the Texas Gulf Coast Region.
- By 2032, the region will need an additional 168 Cardiovascular Technologists and Technicians.
- The average annual income for a Cardiovascular Technologist or Technician working in the Texas Gulf Coast Region is \$57,430.

**For more information contact:**  
**Houston Community College Adult Education**



713-718-7031



[angelica.moreno@hccs.edu](mailto:angelica.moreno@hccs.edu)



<https://www.hccs.edu/continuing-education/ce-programs/ekg-technician/>

[www.wrksolutions.com](http://www.wrksolutions.com) 1.888.469.JOBS (5627)

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SOC: 29-2031  
CIP: 52.0203



# Cardiovascular Technologists and Technicians

## Overview

This program is a fast-track, affordable program designed to prepare students for entry-level positions monitoring heart rhythms in hospitals and clinics. Students will get hands-on training and be prepared for national certification.

Upon completion of this program, students will earn an Electrocardiography Monitor Technician Certificate.

## Eligibility Requirements

- High School Diploma or GED
- A full list of requirements and forms can be found by [clicking here](#).

## Employment

- There are about 1,043 Cardiovascular Technologists and Technicians employed in the Texas Gulf Coast Region.
- By 2032, the region will need an additional 168 Cardiovascular Technologists and Technicians.
- The average annual income for a Cardiovascular Technologist or Technician working in the Texas Gulf Coast Region is \$57,430.

For more information contact:  
**Lone Star College**



832-519-2900



Program offered at multiple campuses. Please check the website for your preferred campus, then find their contact information through [lonestar.edu/continuing-education](https://lonestar.edu/continuing-education).



<https://www.lonestar.edu/programs-of-study/Electrocardiography-Monitoring-Technician.htm>

[www.wrksolutions.com](http://www.wrksolutions.com) 1.888.469.JOBS (5627)

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SOC: 29-2031  
CIP: 51.0902

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# Cardiovascular Technologists and Technicians

## Overview

Learn the basics of cardiovascular anatomy and physiology and how electrocardiographs are used in patient assessment. As an EKG Technician, you'll perform tests to evaluate heart rhythm and rate, playing a key role in caring for patients with heart disease. EKG Technicians work in hospitals, clinics, and insurance companies. This course prepares you for the American Certification Agency for Healthcare Professionals ECG Technician Certification Exam (exam fee not included).

Upon completion, students will earn an American Certification Agency for Healthcare Professionals.

## Eligibility Requirements

- High School Diploma or GED

## Employment

- There are about 1,043 Cardiovascular Technologists and Technicians employed in the Texas Gulf Coast Region.
- By 2032, the region will need an additional 168 Cardiovascular Technologists and Technicians.
- The average annual income for a Cardiovascular Technologist and Technician working in the Texas Gulf Coast Region is \$57,430.

For more information contact:  
**San Jacinto College**



281-478-2734



[AdultEducation@sjcd.edu](mailto:AdultEducation@sjcd.edu)



<https://noncredit.sanjac.edu/search/publicCourseSearchDetails.do?method=load&courseId=41516&selectedProgramAreaId=19567&selectedProgramStreamId=19614>

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SOC: 29-2031  
CIP: 51.09

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# Certified Nurse Aid

## Overview

This program will prepare students for entry-level employment in long-term care facilities, doctor's offices, and hospitals.

Students will learn about resident rights, safety, and communication. Additionally, students will learn the skills and procedures for using the specialized materials and equipment needed to care for residents.

Upon completion, students will earn a Certified Nurse Aide (CNA), Institutional Certificate,

## Eligibility Requirements

- Criminal Background Check
- Immunizations

## Employment

- There are 18,457 Nursing Assistants employed in the Greater Houston Area. This number is expected to increase by 16.7% over the next four years.
- The estimated annual job openings are 1,277 jobs a year.
- Median Wages - \$14.00 hourly, \$29,000 annually



**For more information contact:**  
**Houston Community College Adult Education**



713-718-7633



[hcc.cna@hccs.edu](mailto:hcc.cna@hccs.edu)



[www.hccs.edu/continuing-education/ce-programs/certified-nurse-aide](http://www.hccs.edu/continuing-education/ce-programs/certified-nurse-aide)



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SOC: 31-1131  
CIP: 51.3902

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# Dental Hygienists

## Overview

This is a structured intense program with didactic and clinical practice taking place at the Lone Star College-Kingwood campus. External rotations are integrated into the curriculum for experiences outside of the school setting. Graduates are prepared to function in a variety of settings, including private dental offices, dental clinics, or public dental health care clinics.

Upon completion of this program, students will earn a Dental Assistant Occupational Skills Award.

## Eligibility Requirements

- High School Diploma or GED
- A full list of requirements and forms can be found by [clicking here](#).

## Employment

- There are about 7,953 Dental Assistants employed in the Texas Gulf Coast Region.
- By 2032, the region will need an additional 1,480 Dental Assistants.
- The average annual income for a Dental Assistant working in the Texas Gulf Coast Region is \$38,498.



For more information contact:  
**Lone Star College**



832-519-2900

[LSCKCE@LoneStar.edu](mailto:LSCKCE@LoneStar.edu) or [LSCTBCE@LoneStar.edu](mailto:LSCTBCE@LoneStar.edu)



<https://www.lonestar.edu/programs-of-study/dental-assisting-ce.htm>

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SOC: 31-9091  
CIP: 51.06

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# Health Information Technologist, Medical Registrars, Surgical Assistants

## Overview

This program prepares students to become medical coding professionals. Upon completion of this program, students are eligible to apply to take the national Certified Coding Associate (CCA) and Certified Coding Specialist (CCS) examinations, administered by the American Health Information Management Association (AHIMA) as well as the Certified Professional Coder (CPC) examination, administered by the American Association of Professional Coders (AAPC).

Upon completion of this program, students will earn a Medical Coder Occupational Skills Award.

## Eligibility Requirements

- High School Diploma or GED
- Instructional department approval required. Please contact the department information listed with this document.

## Employment

- There are about 4,464 Medical Records Specialists employed in the Texas Gulf Coast Region.
- By 2032, the region will need an additional 917 Medical Records Specialists.
- The average annual income for a Medical Records Specialist working in the Texas Gulf Coast Region is \$49,338.

For more information contact:  
**Lone Star College**



832-519-2900



[CFCE@LoneStar.edu](mailto:CFCE@LoneStar.edu) or [LCKCE@LoneStar.edu](mailto:LCKCE@LoneStar.edu)



<https://www.lonestar.edu/programs-of-study/Medical-Billing-Coding-Certificate.htm>

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SOC: 29-2072  
CIP: 51.0713



# Medical Dosimetrist, Medical Records Specialist, and Health Technologists

## Overview

This certificate prepares students to perform various clinical and administrative functions in a facility which may include preparing treatment rooms for patient examinations, scheduling appointments and maintaining medical records, interviewing patients, measuring vital signs, administering injections, and utilizing equipment to administer routine diagnostic tests. If you are looking for an exciting career in healthcare, this program may just be the “foot in the door” you are looking for.

Upon completion of this program, students will earn National Health Career Association Certificate for Clinical Medical Assistant (CCMA).

## Eligibility Requirements

- High School Diploma or GED
- A full list of requirements and forms can be found by [clicking here](#).

## Employment

- There are about 16,692 Medical Assistants employed in the Texas Gulf Coast Region.
- By 2032, the region will need an additional 4,424 Medical Assistants.
- The average annual income for a Medical Assistant working in the Texas Gulf Coast Region is \$40,585.

For more information contact:  
**Lone Star College**



832-519-2900



[LSCMCE@LoneStar.edu](mailto:LSCMCE@LoneStar.edu) or [LSCKCE@LoneStar.edu](mailto:LSCKCE@LoneStar.edu)



<https://www.lonestar.edu/programs-of-study/Clinical-Medical-Assistant-Certificate.htm>

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SOC: 31-9092  
CIP: 51.0801

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# Medical Records and Health Information Technicians

## Overview

This program prepares students to work in the business office of a healthcare facility or insurance company as a clerical healthcare professional. Students will be provided training in the knowledge and skills related to medical terminology, patient scheduling, insurance verification, medical records, collections, accounts payable, financial reporting and medical billing.

Upon completion, students will earn a Medical Business Office Professional Occupational Skills Award.

## Eligibility Requirements

- High School Diploma or GED

## Employment

- There are about 4,464 Medical Records and Health Information Technicians employed in the Texas Gulf Coast Region.
- By 2032, the region will need an additional 917 Medical Records and Health Information Technicians.
- The average annual income for a Medical Records and Health Information Technician working in the Texas Gulf Coast Region is \$49,338.



**For more information contact:  
Houston Community College**



713-718-7583



[virginia.thomas@hccs.edu](mailto:virginia.thomas@hccs.edu)



<https://www.hccs.edu/continuing-education/ce-programs/medical-business-office/>



[www.wrksolutions.com](http://www.wrksolutions.com) 1.888.469.JOBS (5627)

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SOC: 29-2071  
CIP: 51.0713

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# Medical Records Specialist

## Overview

This program prepares students to work in the business office of a healthcare facility or insurance company as a clerical healthcare professional. Students will be provided training in the knowledge and skills related to medical terminology, patient scheduling, insurance verification, medical records, collections, accounts payable, financial reporting and medical billing.

Upon completion, students will earn a Medical Business Office Professional Occupational Skills Award.

## Eligibility Requirements

- High School Diploma or GED

## Employment

- There are about 4,464 Medical Records Specialist employed in the Texas Gulf Coast Region.
- By 2032, the region will need an additional 917 Medical Records Specialists.
- The average annual income for a Medical Records Specialist working in the Texas Gulf Coast Region is \$49,338.



**For more information contact:  
Houston Community College**



713-718-7583



[virginia.thomas@hccs.edu](mailto:virginia.thomas@hccs.edu)



<https://www.hccs.edu/continuing-education/ce-programs/medical-business-office/>



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SOC: 29-2072  
CIP: 51.0713

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# Medical Records Specialist

## Overview

This class will prepare you to work in a medical office setting and will provide a foundation for more advanced medical records careers. The content includes basic office procedures, medical records administration, medical terminology, and pathophysiology. This course is the prerequisite course for AAPC Medical Coding Curriculum for CPC Certification.

Upon completion of this program, students will earn an American Medication Certification.

## Eligibility Requirements

- High School Diploma or GED

## Employment

- There are about 4,464 Medical Records Specialists employed in the Texas Gulf Coast Region.
- By 2032, the region will need an additional 917 Medical Records Specialists.
- The average annual income for a Medical Records Specialist working in the Texas Gulf Coast Region is \$49,338.



For more information contact:  
San Jacinto College



281-478-2734



[AdultEducation@sjcd.edu](mailto:AdultEducation@sjcd.edu)



<https://noncredit.sanjac.edu/course?courseCode=MDCA%2055001>



[www.wrksolutions.com](http://www.wrksolutions.com) 1.888.469.JOBS (5627)

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SOC: 29-2072  
CIP: 51.071

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# Phlebotomy Technician

## Overview

The Phlebotomy Technician is trained to perform a variety of blood collection methods on adults, children, and infants according to the guidelines established by the Clinical Laboratory Standards using proper techniques and standard precautions. Emphasis is on patient identification, infection control and specimen handling. Topics include professionalism, ethics, medical terminology and basic anatomy and physiology relating to blood analysis. The Phlebotomy Technician program is designed to prepare students to take a national certification exam.

Upon completion, students will earn a Phlebotomy Technician Occupational Skills Award.

## Eligibility Requirements

- High School Diploma or GED
- Criminal Background Check
- Immunizations

## Employment

- There are about 3,196 Phlebotomy Technicians employed in the Texas Gulf Coast Region.
- By 2032, the region will need an additional 834 Phlebotomy Technicians.
- The average annual income for a Phlebotomy Technician working in the Texas Gulf Coast Region is \$42,276.

**For more information contact:  
Houston Community College**



713-718-7633



[inez.garcia1@hccs.edu](mailto:inez.garcia1@hccs.edu)



<https://www.hccs.edu/continuing-education/ce-programs/phlebotomy-technician/>

[www.wrksolutions.com](http://www.wrksolutions.com) 1.888.469.JOBS (5627)

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SOC: 31-9097  
CIP: 51.3902



# Patient Care Technician (Orderlies)

## Overview

The course enhances direct patient care skills. The course focuses on advanced nursing skills including wound care, tracheotomy and ostomy care, catheterizations and performing EKGs and phlebotomy tasks.

Upon completion of this program, students will earn an American Medication Certification Associate for PCT.

## Eligibility Requirements

- High School Diploma or GED

## Employment

- There are about 629 Parent Care Technicians (Orderlies) employed in the Texas Gulf Coast Region.
- By 2032, the region will need an additional 103 Parent Care Technicians (Orderlies).
- The average annual income for an Parent Care Technician (Orderly) working in the Texas Gulf Coast Region is \$33,970.



For more information contact:  
**San Jacinto College**



281-478-2734



[AdultEducation@sjcd.edu](mailto:AdultEducation@sjcd.edu)



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SOC: 31-1132  
CIP: 51.39

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# Surgical Technologists (Sterile Processing Technician Non-Practicum)

## Overview

Lone Star College students learn the proper names and categories of medical instruments and how to properly transfer and store instruments to keep them contaminant-free. The program includes classroom study, practice in lab environments, and hands-on, real-world experience. Sterile processing technicians have no direct contact with patients, but their job has a direct impact to the patient's safety.

Upon completion of this program, students will earn a Sterile Processing Technician Non-Practicum Occupational Skills Award.

## Eligibility Requirements

- High School Diploma or GED
- A full list of requirements and forms can be found by [clicking here](#).

## Employment

- There are about 2,302 Surgical Technologists employed in the Texas Gulf Coast Region.
- By 2032, the region will need an additional 392 Surgical Technologists.
- The average annual income for a Surgical Technologist working in the Texas Gulf Coast Region is \$63,215.

For more information contact:  
**Lone Star College**



832-519-2900



[LSCTBCE@LoneStar.edu](mailto:LSCTBCE@LoneStar.edu)



<https://www.lonestar.edu/programs-of-study/SterileProcessingTechnicianNon-Practicum.htm>

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SOC: 29-2055  
CIP: 51.1012



# Surgical Technologists (Sterile Processing Technician Practicum)

## Overview

Lone Star College students learn the proper names and categories of medical instruments and how to properly transfer and store instruments to keep them contaminant-free. The program includes classroom study, practice in lab environments, and hands-on, real-world experience. Sterile processing technicians have no direct contact with patients, but their job has a direct impact to the patient's safety.

Upon completion of this program, students will earn a Sterile Process Technician Practicum Certificate.

## Eligibility Requirements

- High School Diploma or GED
- A full list of requirements and forms can be found by [clicking here](#).

## Employment

- There are about 2,302 Surgical Technologists employed in the Texas Gulf Coast Region.
- By 2032, the region will need an additional 392 Surgical Technologists.
- The average annual income for a Surgical Technologist working in the Texas Gulf Coast Region is \$63,215.



For more information contact:  
**Lone Star College**



832-519-2900



[LSCTBCE@LoneStar.edu](mailto:LSCTBCE@LoneStar.edu)



<https://www.lonestar.edu/programs-of-study/SterileProcessingTechnicianPracticumCertificate.htm>

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SOC: 29-2055  
CIP: 51.1012



# Law and Public Safety



# Police and Sheriff's Patrol Officers

## Overview

The Lone Star College Law Enforcement Academy prepares students for a career as a Texas peace officer. Students will receive classroom instruction and engage in hands-on training to learn the skills related to police work and prepare them for the state licensing examination.

Once the stat exam is passed, students will earn a Texas Basic Peace Office License and be eligible for employment as a peace officer in Texas.

## Eligibility Requirements

- High School Diploma or GED
- 21 years old or older or have already earned an Associate's Degree
- Attend an information session.
- Please [click here](#) for a list of required documents.

## Employment

- There are about 15,477 law enforcement officers employed in the Texas Gulf Coast Region.
- By 2032, the region will need an additional 2,173 law enforcement officers.
- The average annual income for a law enforcement officer working in the Texas Gulf Coast Region is \$74,044.

For more information contact:  
**Lone Star College**



832-519-2900



[LSC-LEA@LoneStar.edu](mailto:LSC-LEA@LoneStar.edu)



<https://www.lonestar.edu/programs-of-study/law-enforcement-academy.htm>





# Maintenance and Repair



# Heating, Air Conditioning, and Refrigeration Mechanics and Installers

## Overview

As long as heating and cooling systems require installation and maintenance, there will be a demand for qualified heating, ventilation, and air conditioning (HVAC) technicians.

In this program, students will learn about the principles, terminology, tools, and skills needed to become HVAC technicians and earn their EPA certification through hands-on application.

Upon completion, students will earn an Air Conditioning Technician Occupational Skills Award.

## Eligibility Requirements

- High School Diploma or GED

## Employment

- There are about 7,414 HVAC technicians employed in the Texas Gulf Coast Region.
- By 2032 the region will need an additional 1,422 HVAC technicians.
- The average annual income for an HVAC technician working in the Texas Gulf Coast Region is \$58,069.

For more information contact:  
Houston Community College Adult Education



713-718-8932



[george.davis@hccs.edu](mailto:george.davis@hccs.edu)



[www.hccs.edu/continuing-education/ce-programs/air-conditioning-technician-osa](http://www.hccs.edu/continuing-education/ce-programs/air-conditioning-technician-osa)

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SOC: 49-9021  
CIP: 47.0201

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# Heating, Air Conditioning, and Refrigeration Mechanics and Installers

## Overview

The program is designed to equip students with the foundational skills needed to become state-licensed independent business owners, contractors, or technicians in residential, commercial, and industrial air conditioning, refrigeration, and heating. The curriculum emphasizes preparation for entry-level positions, focusing initially on installation, troubleshooting, and service. As students progress, they gain knowledge in indoor air quality, load calculation, system design, and industry code standards, ensuring comprehensive training for a range of HVACR careers.

Upon completion of this program, students will earn an Air Conditioning Technician HVAC Occupational Certificate

## Eligibility Requirements

- High School Diploma or GED

## Employment

- There are about 7,414 Heating, Air Conditioning, and Refrigeration Mechanics and Installers employed in the Texas Gulf Coast Region.
- By 2032, the region will need an additional 1,422 Heating, Air Conditioning, and Refrigeration Mechanics and Installers.
- The average annual income for a Heating, Air Conditioning, and Refrigeration Mechanic and Installer working in the Texas Gulf Coast Region is \$58,069.

For more information contact:  
**San Jacinto College**



281-478-2734



[AdultEducation@sjcd.edu](mailto:AdultEducation@sjcd.edu)



<https://publications.sanjac.edu/areas-study/construction-industry-manufacturing-transportation/hvac-residential-air-conditioning-technology-occupational-certificate/>

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SOC: 49-9021  
CIP: 47.02

# Manufacturing





# Industrial Engineering Technologists and Technicians (Basic Wastewater Operations) Overview

This program is an introductory training that covers the different stages in the treatment process and water reclamation stages in order to make water safe for human and environmental health.

This course also prepares students for their entry level Class D Wastewater Operators licensing exam that is required by the Texas Commission on Environmental Quality (TCEQ) in order to enter employment as a Class D Operator in a water treatment plant or facility.

## Eligibility Requirements

- To get a Class D Wastewater Operator license from TCEQ, you need a high school diploma or GED. If you don't have one, you can get a provisional Class D license, which is valid for two years and must be upgraded to a regular license after you meet the education requirement

## Employment

- There are about 1,288 Industrial Engineering Technologists and Technicians employed in the Texas Gulf Coast Region.
- By 2032, the region will need an additional 130 Industrial Engineering Technologists and Technicians.
- The average annual income for an Industrial Engineering Technologist or Technician working in the Texas Gulf Coast Region is \$83,998.



For more information contact:  
Houston Community College



713-718-2070



[hcc.ite@hccs.edu](mailto:hcc.ite@hccs.edu)



<https://www.hccs.edu/continuing-education/ce-programs/basic-wastewater-operations/>

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-SOC: 17-3026  
CIP: 15.0506

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# Welders, Cutters, Solderers, and Brazers

## Overview

Welding Technology is designed to offer students the necessary skills for entry-level positions in the welding industry. There is an increasing demand for skilled welders in the fields of MIG (Metal Inert Gas), TIG (Tungsten Inert Gas), and Pipe welding.

Upon completion, students will earn a Welding Technician Occupational Skills Award.

## Eligibility Requirements

- High School Diploma or GED

## Employment

- There are about 16,666 Welders, Cutters, Solderers, and Brazers employed in the Texas Gulf Coast Region.
- By 2032, the region will need an additional 2,071 Welders, Cutters, Solderers, and Brazers.
- The average annual income for a Welder, Cutter, Solderer, and Brazer working in the Texas Gulf Coast Region is \$56,372.



For more information contact:  
Houston Community College Adult Education



713-718-6850



[sandra.watson@hccs.edu](mailto:sandra.watson@hccs.edu)



<https://www.hccs.edu/continuing-education/ce-programs/welding/>

[www.wrksolutions.com](http://www.wrksolutions.com) 1.888.469.JOBS (5627)

SOC: 51-4121  
CIP: 48.0508



# Welders, Cutters, Solderers, and Brazers (Gas Metal Arc Welding)

## Overview

The program provides hands-on training in key welding processes, including Gas Metal Arc Welding (GMAW). Students will gain practical skills needed for entry-level welding positions in a variety of industries, and the program can be completed in a relatively short timeframe, making it ideal for those seeking quick entry into the workforce or looking to enhance their welding credentials. Upon completion of this program students will earn a Gas Metal Arc Welding (GMAW) Certificate.

## Eligibility Requirements

- High School Diploma or GED
- Instructional department approval required. Please contact the department information listed with this document.

## Employment

- There are about 16,666 Welders, Cutters, Solderers, and Brazers employed in the Texas Gulf Coast Region.
- By 2032, the region will need an additional 2,071 Welders, Cutters, Solderers, and Brazers.
- The average annual income for a Welder, Cutter, Solderer, and Brazer working in the Texas Gulf Coast Region is \$56,372.

For more information contact:  
**Lone Star College**



832-519-2900



[LSCMCE@LoneStar.edu](mailto:LSCMCE@LoneStar.edu)



<https://www.lonestar.edu/programs-of-study/welding-master.htm>

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SOC: 51-4121  
CIP: 48.0508

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# Welders, Cutters, Solderers, and Brazers (Gas Metal Arc Welding)

## Overview

The program provides hands-on training in key welding processes, including Gas Metal Arc Welding (GMAW). Students will gain practical skills needed for entry-level welding positions in a variety of industries, and the program can be completed in a relatively short timeframe, making it ideal for those seeking quick entry into the workforce or looking to enhance their welding credentials.

Upon completion of this program, students will earn a Gas Tungsten Arc Welding (GTAW) Certificate.

## Eligibility Requirements

- High School Diploma or GED
- Instructional department approval required. Please contact the department information listed with this document.

## Employment

- There are about 16,666 Welders, Cutters, Solderers, and Brazers employed in the Texas Gulf Coast Region.
- By 2032, the region will need an additional 2,071 Welders, Cutters, Solderers, and Brazers.
- The average annual income for a Welder, Cutter, Solderer, and Brazer working in the Texas Gulf Coast Region is \$56,372.



For more information contact:  
**Lone Star College**



832-519-2900



[LSCMCE@LoneStar.edu](mailto:LSCMCE@LoneStar.edu)



<https://www.lonestar.edu/programs-of-study/welding-master.htm>



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CIP: 48.0508

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# Welders, Cutters, Solderers, and Brazers (Shielded Metal Arc Pipe Welding)

## Overview

The program provides hands-on training in key welding processes, including Shielded Metal Arc Pipe Welding. Students will gain practical skills needed for entry-level welding positions in a variety of industries, and the program can be completed in a relatively short timeframe, making it ideal for those seeking quick entry into the workforce or looking to enhance their welding credentials.

Upon completion of this program, students will earn a Shielded Metal Arc Pipe Welding Certificate.

## Eligibility Requirements

- High School Diploma or GED
- Instructional department approval required. Please contact the department information listed with this document.

## Employment

- There are about 16,666 Welders, Cutters, Solderers, and Brazers employed in the Texas Gulf Coast Region.
- By 2032, the region will need an additional 2,071 Welders, Cutters, Solderers, and Brazers.
- The average annual income for a Welder, Cutter, Solderer, and Brazer working in the Texas Gulf Coast Region is \$56,372.

For more information contact:  
**Lone Star College**



832-519-2900



[LSCMCE@LoneStar.edu](mailto:LSCMCE@LoneStar.edu)



<https://www.lonestar.edu/programs-of-study/welding-master.htm>

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SOC: 51-4121  
CIP: 48.0508



# Welders, Cutters, Solderers, and Brazers (Shielded Metal Arc Welding)

## Overview

The program provides hands-on training in key welding processes, including Shielded Metal Arc Welding (SMAW). Students will gain practical skills needed for entry-level welding positions in a variety of industries, and the program can be completed in a relatively short timeframe, making it ideal for those seeking quick entry into the workforce or looking to enhance their welding credentials.

Upon completion of this program, students will earn a Shielded Metal Arc Welding (SMAW) Certificate.

## Eligibility Requirements

- High School Diploma or GED
- Instructional department approval required. Please contact the department information listed with this document.

## Employment

- There are about 16,666 Welders, Cutters, Solderers, and Brazers employed in the Texas Gulf Coast Region.
- By 2032, the region will need an additional 2,071 Welders, Cutters, Solderers, and Brazers.
- The average annual income for a Welder, Cutter, Solderer, and Brazier working in the Texas Gulf Coast Region is \$56,372.

For more information contact:  
**Lone Star College**



832-519-2900



[LSCMCE@LoneStar.edu](mailto:LSCMCE@LoneStar.edu)



<https://www.lonestar.edu/programs-of-study/welding-master.htm>

[www.wrksolutions.com](http://www.wrksolutions.com) 1.888.469.JOBS (5627)

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SOC: 51-4121  
CIP: 48.0508

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# Technology





# Computer Network Support Specialist

## Overview

San Jacinto College's Computer Network Support Specialist programs provide hands-on training in computer and network support, preparing students for industry certifications and a range of IT support careers in a growing field.

Upon completion of this program, students will earn a CompTIA A+ Core Series Certificate.

## Eligibility Requirements

- High School Diploma or GED

## Employment

- There are about 2,273 Computer Network Support Specialists employed in the Texas Gulf Coast Region.
- By 2032, the region will need an additional 448 Computer Network Support Specialists.
- The average annual income for a Computer Network Support Specialist working in the Texas Gulf Coast Region is \$67,029.



**For more information contact:  
San Jacinto College**



281-478-2734



[AdultEducation@sjcd.edu](mailto:AdultEducation@sjcd.edu)



<https://www.sanjac.edu/programs/areas-of-study/stem/cyber-security/>



[www.wrksolutions.com](http://www.wrksolutions.com) 1.888.469.JOBS (5627)

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SOC: 15-1231  
CIP: 11.01

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# Computer User Support Specialist

## Overview

This program helps individuals start careers as Computer User Support Specialists. The focus will be on preparing participants for entry-level IT jobs by providing foundational training in technology, industry-recognized certifications, and career support. Participants will get hands-on learning, coaching, and resources aimed at building skills for high-demand tech roles and advancing their careers in the IT field.

Upon completion, students will earn a CompTIA A+ certification.

## Eligibility Requirements

- 18 years of age or older
- High School Diploma or GED
- Access to a computer and high speed internet.

## Employment

- There are about 13,377 Computer User Support Specialists employed in the Texas Gulf Coast Region.
- By 2032, the region will need an additional 2,835 Computer User Support Specialists.
- The average annual income for a Computer Network Support Specialist working in the Texas Gulf Coast Region is \$58,085.



For more information contact:  
**BakerRipley**



(713) 273-3719



[AdultEd@BakerRipley.org](mailto:AdultEd@BakerRipley.org)



<https://bakerripley.org/programs-and-services/category/adult-education-and-enrichment/>



[www.wrksolutions.com](http://www.wrksolutions.com) 1.888.469.JOBS (5627)

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SOC: 15-1151  
CIP: 111006

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# Fiber Network Technician

## Overview

This hands-on course is intended to train students to become certified fiber network technicians. The Fiber Network Technician course is a comprehensive course designed to train students in various techniques to layout, install and maintain fiber optic cabling systems.

This course prepares you to take the Fiber Optic Technician (ETA) Exam for Fiber Optic Certification.

## Eligibility Requirements

- High School Diploma or GED

## Employment

- There are about 2,916 Fiber Network Technicians employed in the Texas Gulf Coast Region.
- By 2032, the region will need an additional 380 Fiber Network Technicians.
- The average annual income for a Fiber Network Technician working in the Texas Gulf Coast Region is \$59,594.



For more information contact:  
San Jacinto College



281-478-2734



[AdultEducation@sjcd.edu](mailto:AdultEducation@sjcd.edu)



<https://noncredit.sanjac.edu/course?courseCode=CSIR%2055012>



[www.wrksolutions.com](http://www.wrksolutions.com) 1.888.469.JOBS (5627)

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SOC: 49-9052  
CIP: 46.03

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# Information Security Analysts (Cyber Security)

## Overview

This program is designed to equip students with the skills and knowledge in network security, compliance, and threat detection to defend against evolving cyber threats. Students will be introduced to the principles of cybersecurity, including common threats, vulnerabilities, and protective measures.

Upon completion, students will earn a Cybersecurity Certificate.

## Eligibility Requirements

- Please contact the department information listed with this document.

## Employment

- There are about 2,448 Information Security Analysts employed in the Texas Gulf Coast Region.
- By 2032, the region will need an additional 1,139 Information Security Analysts.
- The average annual income for an Information Security Analysts working in the Texas Gulf Coast Region is \$120,722.

For more information contact:  
Houston Community College



713-718-2798



[dit.ce@hccs.edu](mailto:dit.ce@hccs.edu)



<https://www.hccs.edu/continuing-education/ce-programs/cyber-security/>

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SOC: 15-1212  
CIP: 11.1003

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# Transportation





# Heavy and Tractor-Trailer Truck Drivers

## Overview

Students in this program learn essential truck driving skills, including pre-trip inspections, basic control, backing, and city street/highway driving. The curriculum meets the Federal Motor Carrier Safety Administration's Entry-Level Driver Training Rule and prepares students to test for the Texas CDL "A." Lone Star College is a Texas Department of Public Safety Third Party Testing Center, and students can test for their CDL after successfully completing the program.

Upon completion of this program, students will earn a Texas Certified Commercial Driver's License (CDL).

## Eligibility Requirements

- High School Diploma or GED
- Applicants must be 21 or older.
- Attend an information session.
- Hold a valid drivers license.

## Employment

- There are about 53,795 Heavy and Tractor-Trailer Truck Drivers employed in the Texas Gulf Coast Region.
- By 2032, the region will need an additional 10,889 Heavy and Tractor-Trailer Truck Drivers.
- The average annual income for a Heavy and Tractor-Trailer Truck Driver working in the Texas Gulf Coast Region is \$55,156.



**For more information contact:**  
**Lone Star College**



832-519-2900



[NH-TransportationLogistics@lonestar.edu](mailto:NH-TransportationLogistics@lonestar.edu)



<https://www.lonestar.edu/programs-of-study/truck-driver-cdl.htm>



[www.wrksolutions.com](http://www.wrksolutions.com) 1.888.469.JOBS (5627)

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SOC: 53-3032  
CIP: 49.0205

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# Resources





# Job Search

Whether you are seeking employment for the first time or making a career change, Workforce Solutions can help every step of the way.

This site is designed to help job hunters do what is necessary to meet basic needs and find a quality job. While the site is a good resource in the pursuit of a job, **Workforce Solutions Career Offices** can be of additional help.

Each location provides free computer, fax and telephone access for job searches. We are located throughout the Gulf Coast area to aid job hunters in finding a good job. **Find Your Career Office.**

**CLICK HERE** 

**Scan the QR code for more information about Adult Education and Literacy.**



What can job seekers do on WorkInTexas.com?

- ☒ Search for jobs
- ☒ Create and post resumes
- ☒ Access career tools
- ☒ Set up a Virtual Recruiter to automatically find jobs
- ☒ Track job applications and resumes
- ☒ Research training providers
- ☒ Research labor market information







**[www.wrksolutions.com](http://www.wrksolutions.com)**  
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