

Plumbing

Plumbing

This program prepares students to apply calculations related to the plumbing trade, proper hand and power tool usage, as well as standard industry safety practices. Students learn how to cut, measure, join and support various types of piping, pipe valves, and pipe hanging systems.

- Intro to Plumbing (80 hrs)
- Plumbing Maintance and Repair (80 hrs)

Job Opportunites : Offices, Homes, Commerical buildings

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TSC ITEC CENTER
301 Mexico Blvd., Brownsville, Tx 78520





har Patient Care Technician

Patient Care Technician

WTCE prepares students to establish a safe and supportive environment for patients through ethical and legal responsibilities, infection control, CPR, EKG, and phlebotomy practices.

- Certified Nursing Assistant (112 hrs)
- Phlebotomist (64 hrs)
- Electrocardiography (80 hrs)
- Patient Care Technician (96 hrs)

Job opportunites:

Hospitals, Clinics, Doctor's office, Nursing Homes, Plasma center

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Pipe Welding

Orbital Tube Welding

This course provides an overview of Pipe welding, a method for joining two pipes together. Welding techniques used for pipes include arc welding processes including MIG welding and TIG welding.

• Pipe welding (80 hrs)

Job Opportunites: Pipelines, Industrial factories

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Pipefitting

The Pipefitting program is designed to train students for entry-level positions in pipefitting. Pipefitting is the process of taking straight pipe sections and measuring and cutting them to fabricate piping systems.

- Pipefitting and Process Technician (80 hrs)
- Intermediate Technologies for Pipe Trades (80 hrs)

Job Opportunites: Local Goverments, Fabrication factories, Dockyards and Pipelines.

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Welding Technician

Welding Technician

This welding program provides with the skills needed for entry-level employment in welding careers for light or heavy fabrication, construction, and manufacturing. Training focuses on the theory and application to provide essential skills in Shielded Metal Arc Welding (SMAW), Flux Cored Arc Welding (FCAW), Gas Metal Arc Welding (GMAW), carbon arc gouging, Oxyacetylene Welding (OAW), Plasma Arc Cutting (PAC), beveling and shearing.

- Introduction to Welding (80 hrs)
- Introduction to Flux Core (80 hrs)

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Orbital Tube Welding

Orbital Tube Welding

This course provides an overview of orbital tube welding in various industries. Special emphasis is placed on the disciplines of orbital tube welding, including cutting, facing and development of weld procedures.

Orbital Tube Welding (80 hrs)

Job Opportunites : Aeronautical Manufacturers (Space X), Federal government agencies, and Military

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Forklift Operator



Forklift operator

This training program will prepare students to operate a forklift in accordance with Occupational Safety and Health Administration (OSHA) safety standards.

Forklift Operator (20 hrs)

Job Opportunites: Warehouses, Distribution Centers, Dockyards, Shipping Terminals.

Typically M-F 8 a.m.-12 p.m. or 1 p.m.-5 p.m.

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Laser Welding

Laser welding works on the principle of using a laser with high power density to apply heat to a joint between the surface of two metals. Students will learn to weld the four most common joint types using a variety of metallic materials including low-carbon steel, stainless steel, and aluminum: butt welds, edge flange welds, filler lap welds and overlap welds.

Laser Welding (120 hrs)

Job Opportunites : Machine Building Industry,

Fine Mechanics, Electronics, and Aeronautics

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Police Academy



Police Academy

The Basic Police Officer Certification Course 720 hours mandated by the State of Texas. The training includes academics, fitness, practical application (hands-on), and reality-based training. Cadets who successfully complete the Texas Commission on Law Enforcement State exam are eligible to work throughout Cameron County and the State of Texas.

Basic Peace officer I - V

Job Opportunites : Police officer, Constable, Sheriff, State

Trooper

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Electrical Technician

Electrical Technician

This program provides individuals with the skills, knowledge and hands on experience required for a long-term career as an electrician. Students learn to install electrical systems in structures, install wiring and other electrical components, such as circuit breakers panels, switches, and lighting fixtures. In addition, students become familiar with industry codes and learn basic blue print reading skills.

- Basic Electrical Theory (80 hrs)
- Commercial Wiring (80 hrs)

Job Opportunites : Offices, Factories, Laboratories, and Contractors.

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Substitute Teacher



Substitute Teacher

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.

- Teaching methodologies (6 hrs)
- Classroom management techniques (6 hrs)

Job Opportunites : School Districts

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Diesel Technician



Diesel Technician

An introduction to the basic principles of diesel engines and System. The Identify engine components and their working relationship to the engine; evaluate engine components by inspection, testing, and/or measurement; and demonstrate disassembly and reassembly of the diesel engine.

- Diesel Engine I (80 hrs)
- Diesel Engine II (80 hrs)

Job Opportunites: Truck Transportation, Automotive repair and Maintenance, School District Bus Depots.

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