



Dual Enrollment at Texas State Technical College

Robbie Mesa
Dual Enrollment Representative
Harlingen
robbie.mesa@tstc.edu

Texas State Technical College



- 2 year college offering certificates and degrees in HIGH TECH, HIGH DEMAND, HIGH PAYING fields of study
- 10 Campuses across the state
 - Abilene
 - Breckenridge
 - Brownwood
 - East Williamson County
 - Ft. Bend
 - Harlingen
 - North Texas
 - Marshall
 - Sweetwater
 - Waco

How TSTC Different From Other Colleges

- Hands-On
 - TSTC teaches you the job/ career that you will going into after graduation
- Affordable
 - Average cost for an Associates Degree is \$10,500
- Get A Job College
 - Job placement is our mission
- Career Services
 - Job search
 - Resume writing
 - Career research
 - Interview preparation
 - Online Networking
 - Job fairs

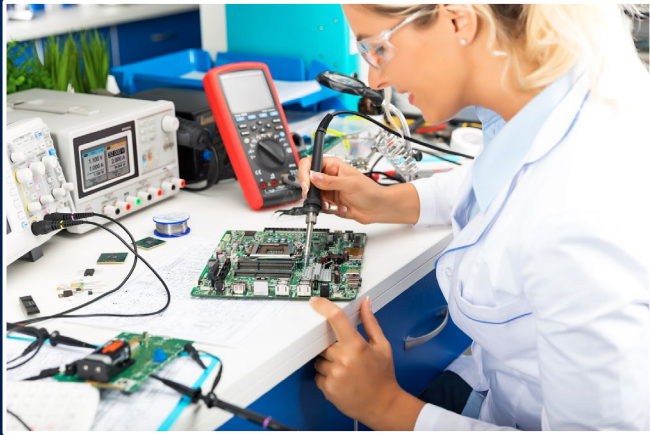


SHAPING
YOU TO GET
HIRED

What it's like to take Dual Enrollment with TSTC

- Earn college and high school credits in a technical program.
- 3 ways to take courses
 - At your high school with a credentialed instructor
 - On a TSTC campus
 - Distance learning (online)
- Smoother transition from high school to college
- Shortens time as a traditional student at TSTC after high school
 - Saves you time and money
- Earn a Certificate 1, Certificate 2 or Associate of Applied Science degree

Biomedical Equipment Technology



Careers:

- Medical Equipment Repairers

Skills learned:

- Biomedical job responsibilities
- Fundamentals of direct currents and circuit analysis techniques
- Biomedical instrumentation as related to anatomy and physiology
- Medical device monitoring, diagnosis and treatment

COURSE ID	COURSE NAME	CREDIT HOURS
BIOM 1101 (Fall 1 st YR)	BIOMEDICAL EQUIPMENT TECHNOLOGY	1
BIOM 1270 (Fall 1 st YR)	SHOP SKILLS FOR BIOMEDICAL EQUIPMENT TECHNICIANS	2
CETT 1303 (Spring 1 st YR)	DC CIRCUITS	3
BIOM 1373 (Fall 2 nd YR)	MEDICAL SOFTWARE HARDWARE	3
BIOM 1309 (Spring 2 nd YR)	APPLIED BIOMEDICAL EQUIPMENT TECHNOLOGY	3
TOTAL		12

Building Construction Technology



Careers:

- Construction Managers
- First-Line Supervisors of Construction Trades and Extraction Workers
- Construction Laborers
- Construction and Building Inspectors

Skills learned:

- Blueprint reading for residential and commercial construction
- Site preparation, safety tools and equipment
- Construction framing for walls, flooring, concrete, and roofs

COURSE ID	COURSE NAME	CREDIT HOURS
CNBT 1300	RESIDENTIAL AND LIGHT COMMERCIAL BLUEPRINT READING	3
CNBT 1313	CONCRETE I	3
CNBT 1316	CONSTRUCTION TECHNOLOGY I	3
CNBT 1450	CONSTRUCTION TECHNOLOGY II	4
TOTAL		13

Education and Training



Careers:

- Teacher Assistant
- Library Technician
- Library Assistant and Clerical

Skills learned:

- Role and responsibilities of educational personnel, professionalism and communication strategies
- Developmentally appropriate and indirect guidance techniques to use in various school environments
- Educational computer terminology, software and multimedia

COURSE ID	COURSE NAME	CREDIT HOURS
EDTC 1301	EDUCATIONAL SYSTEMS	3
EDTC 2317	GUIDING STUDENT BEHAVIOR	3
EDTC 1341	INSTRUCTIONAL TECHNOLOGY AND COMPUTER APPLICATIONS	3
EDTC 2311	INSTRUCTIONAL PRACTICES AND EFFECTIVE LEARNING ENVIRONMENTS	3
TOTAL		12

Here is the direct link to the [Educator page](#) on our website. Scroll down to Educator Resources and you will find the [DE Admissions checklist](#) (ignore the July 1 deadline; Spring deadline is December 3rd for application and paperwork).

Precision Machining Technology



Careers:

- Computer Numerically Controlled Machine Tool Programmers
- Metal and Plastic Machinists

Skills learned:

- Blueprint reading for machine trades and machine drawings
- Machine shop safety, math and measurements
- Identification, selection and application of various types of precision instruments

COURSE ID	COURSE NAME	CREDIT HOURS
MCHN 1302	PRINT READING FOR MACHINING TRADES	3
MCHN 1300	BEGINNING MACHINE SHOP	3
MCHN 1320	PRECISION TOOLS AND MEASUREMENTS	3
MCHN 1343	MACHINE SHOP MATHEMATICS	3
TOTAL		12



DUAL ENROLLMENT

THANK YOU!