

YOUR PATHWAY TO A CAREER IN

# Process Technology

An in-demand Coastal Bend Career



## High School Endorsement: *Business & Industry*

### Do you like

finding solutions to challenging problems, working in an industry environment, using science skills?

### Learn to be a

chemical, geological, or petroleum technician, power plant or water plant operator, plant manager.

### Get paid from

\$17.87 to \$59.18 per hour, depending on education and experience.\*

\*Workforce Solutions of the Coastal Bend Targeted Occupations List 2018-19



### Certificate: Process Technology - 42 Total Hours

#### Courses you will need:

Introduction to Process Technology	PTAC 1302
Safety, Health and Environment I	PTAC 1308
Process Instrumentation I	PTAC 1332
Industrial Processes	PTAC 1354
Process Technology I – Equipment	PTAC 1310
Process Technology II – Systems	PTAC 2420
College Algebra	<b>MATH 1314</b>
Composition I	<b>ENGL 1301</b>
Computer (course selection)	ITSC 1301
Principles of Quality	PTAC 2314
Process Technology III	PTAC 2438
Unit Operations	CTEC 2445
Process Troubleshooting	PTAC 2346

### Associate in Applied Science Degree: Process Technology – 60 Total Hours

#### Use the courses listed above, plus the following: **Bold = Core**

Special Topics in Communication	<b>SPCH 1311</b>
Applied Physics or Physics	<b>PHYS 1401</b>
Applied Chemistry or Chemistry	<b>CHEM 1411</b>
U.S. History I	<b>HIST 1301</b>
Art and Society	<b>ARTS 1301</b>
Intern-Chemical Technology	CTEC 2287

### Bachelor of Applied Science Degree – Environmental & Occupational Safety 120 Hours

#### Use the courses above, plus the following: **Bold = Core**

U.S. History II	<b>HIST 1302</b>
U. S. Government	<b>POLS 2305</b>
State and Local Government	<b>POLS 2306</b>
Psychology	<b>PSYC 2301</b>
Introduction to Philosophy	<b>PHIL 1301</b>
Physical Geology	<b>GEOL 1403</b>
Composition II	<b>ENGL 1302</b>
Introduction to Public Administration	POLS 3341
Crisis Communication	COMM 4335
Professional Skills	ESCI 3202
Environmental Regulations	ESCI 4301
Environmental Health	ESCI 4320
Hazardous Waste Operations	ESCI 4370
Special Topics	CHEM 4490
Environmental Geology	GEOL 3443
Geospatial Systems	GISC 1470
Upper Level Electives	12 Hours

Consult your Coastal Bend college or university advisors/websites for specific degree plans.