

# Process Technology

» YOUR PATHWAY TO 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.

#### 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
Industrial Mathematics or Contemp. Math	<b>MATH 1332</b>
Special Topics in Communications	<b>SPCH 1311</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**

Composition I	ENGL 1301
Applied Physics or Physics	<b>PHYS 1401</b>
Applied Chemistry or Chemistry	<b>CHEM 1411</b>
U.S. History I	<b>HIST 1301</b>
U.S. History II	<b>HIST 1302</b>
Intern-Chemical Technology	CTEC 2287

#### Bachelor of Applied Science Degree – Environmental & Occupational Safety 126 Hours

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

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>
Art and Society	<b>ARTS 1301</b>
Introduction to Public Administration	POLS 3341
Communication in Organizations	COMM 4350
Professional Skills	ESCI 3202
Environmental Regulations	ESCI 4301
Environmental Health	ESCI 4320
Occupational Safety and Accident Prevention	ESCI 4365
Special Topics	CHEM 4490
Environmental Geology	GEOL 3443
Geospatial Systems	GISC 1470
Upper Level Electives	16 Hours



Suggested course plan for 2018-2019 Academic Year. Consult individual college or university advisors/websites for specific degree plans.