

YOUR PATHWAY TO A CAREER IN

Environmental/Petrochemical Lab 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



Level II Certificate: Environmental/Petrochemical Lab Technology - 41 Hours

Courses you will need:

Bold = Core

General Inorganic Chemistry I	CHEM 1411
Biological Concepts I: Cellular & Molecular	BIOL 1406
Physical Geology	GEOL 1303
Physical Geology Laboratory	GEOL 1103
General Inorganic Chemistry II	CHEM 1412
College Algebra	MATH 1314
Composition I	ENGL 1301
Environmental Regulations Overview	EPCT 1305
Basic Wastewater Operations	EPCT 1328
Integrated Software Applications I	ITSC 1309
Hazardous Waste Operations	EPCT 1401
Environmental Sampling and Analysis	EPCT 1344
Internship - Environmental Engineering Tech.	EPCT 2188

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

Use the courses listed above, plus the following:

Bold = Core

Principles of Industrial Hygiene	EPCT 1341
Technical and Business Writing	ENGL 2311
Applied Analytical Chemistry I	SCIT 1443
Industrial Hygiene Applications	EPCT 2331
Texas Government	GOVT 2306
Communication Core	SPCH 1321
Introduction to Ethics	PHIL 2306
Applied Organic Chemistry I	SCIT 2401
Hazardous Waste Management	EPCT 1272

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

Use the courses above, plus the following:

Bold = Core

U.S. History I	HIST 1301
Texas History	HIST 3331
U. S. Government	POLS 2305
Psychology	PSYC 2301
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.