

## Process Technology +8429

The program is designed to prepare graduates for careers in chemical manufacturing, the oil and gas industry, power generation, food and beverage, mining, pharmaceuticals, pulp and paper, water, waste and waste water treatment. This two-year Associate of Applied Science degree program is recognized by the Texas Skills Standard Board and the North American Process Technology Alliance for meeting industry training standards. Program graduates will have the opportunity for job placement with industry partners in the East Texas area, statewide, nationally and even globally. The soft skills, technical knowledge and troubleshooting skills obtained in this program will give the graduates the tools needed to be successful entry level employees in the in the field of process technology.

First Year		
First Semester		
Course		Semester Hours
PTAC 1302	Introduction to Process Technology	3
PTAC 1408	Safety, Health & Environment I	4
MATH 1314	College Algebra	3
PHYS 1405	Elementary Physics I	4
		14
Second Semester		
CHEM ....	Introductory Chemistry I... Choose from CHEM 1405, 1406 or 1411	4
PTAC 1310	Process Technology I - Equipment	3
PTAC 1332	Process Instrumentation I	3
.....	Speech Elective	3
ENGL 1301	Composition I	3
		16
Summer Semester		
PTAC ....	(Choose one) PTAC 2386 Internship Process Technology/Technician (campus-based) or PTAC 2387 Internship Process Technology/Technician (outside employment required)	3
Second Year		
First Semester		
.....	Social & Behavioral Science Elective	3
PTAC 2336	Process Instrumentation II	3
PTAC 2420	Process Technology II - Systems	4
PTAC 2314	Principles of Quality	3
		13
Second Semester		
Course		Semester Hours
PTRT 2323	Natural Gas Production	3
PTAC 2438	Process Technology III - Operations	4
.....	Humanities/Fine Arts Elective	3
PTAC 2446	Process Troubleshooting **	4
		14
		Total Hours 60

- + Course of study identification number.
- > Designates courses that articulate with high school courses.
- \*\* Capstone Experience.

**Note:** A student who completes the required courses with an overall average of C may receive an Associate of Applied Science degree.