



About the Program

This program generally prepares individuals to monitor, operate, and maintain equipment used in the processing of raw material into marketable chemical/petrochemical products. Also includes instruction in materials handling, crushing, grinding and sizing, extraction, distillation, evaporation, drying, absorption, heat transfer, cracking, and reaction processes. It also includes codes and standards, chemical and fire safety, and general plant operations.

Degrees/Certificates

Associate of Applied Science Degree (AAS)

Available degrees and certificates may vary at each campus. Check with your local campus for more information.

CIP 150699

Process Technology CURRICULUM				
Course #	Course Title	Lecture/Lab Hours	Credit Hours	Clock Hours
ORNT1000	Freshman Seminar	1/0	1	15
CPTR1005	Computer Literacy	3/0	3	45
PTEC1000	Mechanical Aptitude/Spatial Relations	0/1	1	30
ENGL1015	English Composition I	3/0	3	45
ENGL1060	Technical Writing	3/0	3	45
PTEC1010	Introduction To Process Technology	3/0	3	45
MATH1015	College Algebra	3/0	3	45
PTEC1310	Process Instrumentation I	2/1	3	60
CHEM1410	General Chemistry <i>And</i>	3/0	3	45
CHEM1411	General Chemistry Lab	1/1	1	30
	Or			
CHEM1040	Chemistry - Organic/Inorganic <i>And</i>	3/0	3	45
CHEM1041	Chemistry - Organic/Inorganic Lab	1/1	1	30
PTEC1610	Plant Equipment	2/1	3	60
MATH1020	Plane Trigonometry	3/0	3	45
	Or			
MATH1410	Technical Mathematics	3/0	3	45
PTEC1320	Process Instrumentation II	2/1	3	60
PTEC2030	Plant Safety	3/0	3	45
SPCH1015	Introduction To Public Speaking	3/0	3	45
PHYS2000	Physics <i>And</i>	3/0	3	45
PHYS2001	Physics Lab	0/1	1	30
	Or			
PHSC1015	Physical Science I <i>And</i>	3/0	3	45
PHSC1016	Physical Science Lab	0/1	1	30
PTEC2070	Statistical Quality Control	3/0	3	45
PTEC2420	Unit Operations-Systems	3/1	4	75
PTEC2911	Internship	0/3	3	135
	Or			
PTEC2912	Independent Study	3/0	3	45
ECON1020	Economics	3/0	3	45
PTEC2440	Process Troubleshooting	3/0	3	45
PTEC2630	Fluid Mechanics	3/0	3	45
PTEC2430	Unit Operations Capstone Project	3/1	4	75
JOBS2450	Job Seeking Skills	2/0	2	30
AAS - Process Technology (1170/1260 Clock Hours)			68	1230
<ul style="list-style-type: none"> • PTEC 2911/PTEC 2912, only one is required, not both. • By Selecting PTEC 2911, the total clock hours are 1230. • If PTEC 2912 is selected instead of PTEC 2911, the total clock hours are 1140. 				
Elective:				
PTEC2200	Oil And Gas	3/0	3	75