

PROCESS TECHNOLOGY, ASSOCIATE OF APPLIED SCIENCE

The Process Technology (PTEC) program¹ prepares graduates to work as process technicians in refineries, chemical plants, and related industries. Program Outcomes:

- a. Safety, Health, and Environment-Student demonstrates an understanding of the safety, health, and environmental policy and exhibits this behavior. Applies safe work practices.
- b. Mechanical Aptitude-Student demonstrates an understanding of the maintenance and operation of process equipment. Applies the reasoning behind proper equipment line up, safety, and process concerns while operating process equipment.
- c. Technical Ability-Student demonstrates an understanding of the technical aspects of the process technology. Applies skills and knowledge systems and troubleshooting ability.
- d. Communication-Student demonstrates and applies communicating clearly, effectively, and concisely in both verbal and written form, including the ability to interpret and carry out SOP and EOP.
- e. Work Ethics-Student demonstrates and applies the following work ethics:
 - i. Dependability
 - ii. Quality of work
 - iii. Work attitude
 - iv. Adaptability
 - v. Human Relations Skills

¹Nunez Community College also offers the Process Technology Fast Track program, which is designed to help those with an Associate's degree or higher attain the Associates of Applied Science (AAS) degree in Process Technology within as little as one semester.

Code	Title	Hours
General Education Requirements		
ENGL 1010	English Composition I ¹	3
MATH 1300	College Algebra	3
	Humanities Elective	3
CHEM 1100	General Chemistry I	3
CHEM 1110	General Chemistry I Lab	1
PHYS 1100	General Physics I	3
	or PHSC 1000 Physical Science	
PHYS 1110	General Physics I Laboratory	1
	or PHSC 1100 Physical Science I Lab	
ECON 2000	Microeconomics	3
	or ECON 2020 Macroeconomics	
Major Courses ²		
PTEC 1010	Intro to Process Technology	3
INDT 1030	Industrial & Plant Safety	3
PTEC 1330	Process Instrumentation	2
PTEC 1331	Process Instrumentation Lab	2
PTEC 1630	Process Equipment	2
PTEC 1631	Process Equipment Lab	2

INDT 2070	Quality Control	3
PTEC 2420	Process Technology II:Systems	3
PTEC 2421	Process Tech II: Systems Lab	1
PTEC 2430	Process Tech III: Operations	2
PTEC 2431	Process Tech III:OperationsLab	2
PTEC 2630	Fluid Mechanics	3
PTEC 2440	Process Troubleshooting	3
PTEC 2910	Process Technology Internship	3
Enrichment Courses ³		
BUSN 1150	Survey of Microcomputer App	3
Select one of the following:		3
INDT 2900	Job Readiness Skills	
SPCH course		
BUSN 2400	Business Communication	
Total Hours		60

¹ Must earn a grade of "C" or better.

² Must earn a grade of "C" or better in each. At least eighteen (18) credit hours must be earned in residence.

³ Electives must be selected with advisor.