

Process Technology (CIP 41.0301)

281-756-3785

Associate of Applied Science Degree Program (A.A.S.) - Articulated Credit

Purpose: The Process Technology associate level program offers students core courses related to Process Operations that will prepare them to become process technicians in the refining, petrochemical, power generation, oil and gas production, food and other process industries. Technical knowledge and skills will be gained in areas such as operating equipment, instrumentation systems, process systems, process troubleshooting and computer applications. The associate program will take four semesters to complete. Graduates from the program will be prepared for entry level employment as process technicians.

Program Requirements: In addition to the general requirements for admission to ACC, entry into the Process Technology program requires basic proficiency in English, Reading, and Math.

<i>Course Number</i>	<i>Course Title</i>	<i>Credits</i>
FIRST YEAR		
First Semester		
*** PTAC 1302	Introduction to Process Technology	3
PTAC 1308	Safety, Health, and Environment	3
* MATH 1332 or	Contemporary Mathematics I	3
* MATH 1314 or	College Algebra	
MATH 1333	Contemporary Math for Tech	
* ENGL 1301	Composition I	3
Second Semester		
SCIT 1414	Applied General Chemistry	4
*** PTAC 1310	Process Technology I (Equipment)	3
PTAC 1332	Process Instrumentation I	3
* Social & Behavioral Sciences	Select from Social & Behavioral Science Core Curriculum	3
Summer Semester		
*** PTAC 2420	Process Technology II (Systems)	4
CTEC 1401	Applied Petrochemical Technology (Physics)	4
*** PTAC 2436	Process Instrumentation II	4
* Creative Arts or	Select from Creative Arts Core Curriculum	3
* Language, Philosophy & Culture	Select from Language, Philosophy & Culture Core Curriculum	
SECOND YEAR		
First Semester		
*** PTAC 2446	Process Troubleshooting	4
*** PTAC 1354 or	Industrial Processes	3
** CTEC 2380	Cooperative Ed-Process Technology	
***> PTAC 2438	Process Technology III (Operations)	4
PTAC 2314	Quality, Statistical Process Control & Economics	3
Second Semester		
* SPCH 1315 or	Public Speaking	3
* SPCH 1318	Interpersonal Communications	
TECM 1303	Technical Calculations	3

Total Credits Required for A.A.S. Process Technology Degree 60

+ Denotes core requirement. Speak with Department Chair or Academic Advisor for proper course selection.

> Capstone Course - Can not be substituted.

** Requires Department Chair approval.

*** Denotes a series of Pre-Requisite Process Technology Courses. A grade of "D" is not considered a passing grade and the course should be retaken.