

Program Description

Process Technology is the ability to understand, operate, shutdown, analyze and troubleshoot industrial processes. The Process Technology program at ACC prepares students to become process technicians in the refining, petrochemical, power generation, oil and gas production, food, metals, minerals, 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.

ACC is a fully accredited college and certified by the Southern Association of Colleges and Universities. The Process Technology program is fully endorsed by the Industry and Education Group of the Gulf Coast Process Technology Alliance.

Career Opportunities

Process Technicians are in great demand in the Gulf Coast area, across the U.S. and in many other countries. Alvin Community College graduates have close to a 100% job placement rate and many students are hired before graduation. Starting annual salaries for process operators in the Houston Metropolitan Area is \$60,000 per year with excellent benefits.

Options

Associate of Applied Science Degree

Process Technology 71 credit hours
(2 years)

Certificate

Process Technology 44 credit hours
(1.5 years)

Program Information

The Process Technology Associate Degree program costs approximately \$6,200*. This investment in your future includes a pre-set curriculum sequence, in-district tuition, fees, and textbooks.

* Program costs are subject to change.

For more information call 281-756-3785 or email ProcessTech@alvincollege.edu.

Alvin Community College does not discriminate against anyone on the basis of race, religion, color, sex, handicap, age, national origin, or veteran status. The College reserves the right to alter or discontinue courses and programs.



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Process Technology

Associate of Applied Science Degree

First Semester	credits
Business Computer Applications or Microcomputer Applications	4
Applied Petrochemical Technology (Physics)	4
Introduction to Process Technology	3
Introductory Sociology	3
Physical Education*	1
Contemporary Mathematics I or College Algebra or Contemporary Math for Tech or Technical Calculations	3-4
Second Semester	credits
Composition I	3
Safety, Health, & Environment I in the Process Industry	3
Process Instrumentation I	3
Process Technology I (Equipment)	4
Applied General Chemistry I	4
Physical Education*	1
Third Semester	credits
Problem Solving and Decision Making	3
Quality, Statistical Process Control & Economics (online only)	3
Process Technology II (Systems)	4
Process Instrumentation II	4
Interpersonal Communications	3
Fourth Semester	credits
Composition II	3
Industrial Processes or Coop Ed - Process Technology	4
Process Technology III (Operations)	4
Process Troubleshooting	4
Elective - Visual & Performing Arts/Humanities	3
Process Technology (A.A.S.) Degree - credit hours	71-72

Process Technology

Certificate

First Semester	credits
Business Computer Applications or Microcomputer Applications	4
Applied Petrochemical Technology (Physics)	4
Introduction to Process Technology	3
Introductory Sociology	3
Contemporary Mathematics I or College Algebra or Contemporary Math for Tech or Technical Calculations	3-4
Second Semester	credits
Problem Solving and Decision Making	3
Composition I	3
Process Technology I (Equipment)	4
Applied General Chemistry I	4
Third Semester	credits
Composition II	3
Safety, Health, & Environment I in the Process Industry	3
Process Instrumentation I	3
Process Technology II (Systems)	4
Process Technology Certificate - credit hours	44-45

*Both classes can be replaced by PSYC 1300 - Learning Strategies