

Chemical Process Operator

Chemical Process Operator Certificate

STANTON CAMPUS

Fall 2021

Delaware Tech's Chemical Process Operator program prepares highly skilled and knowledgeable students for employment as process operators in the chemical, pharmaceutical, polymer, and petroleum refining industries. These important industries throughout the Delaware River Valley area have a great need for trained process technicians to operate equipment for the production of industrial and consumer products. Graduates are readily employed by these local plants at competitive salaries. The program provides a practical education in the various aspects of plant operations including safe startup, shutdown, troubleshooting procedures, regulatory compliance, and basic preventive maintenance. And our laboratory facilities include high tech mechanical equipment, modern instrument trainers, computer process simulators, and six pilot plant units.

The Chemical Process Operator Technology Program has three options. Certificate, diploma, and associate degree programs are offered so that students can build their educational credentials as they work in the field.

PROGRAM SPECIFIC ADVISEMENT STATEMENT

Courses - Semester 1

[CPO 135 - Chem Proc Tech-Equipment](#)
[CIS 107 - Intro to Computers/Application](#)

Credits	Lecture	Lab
3	2	2
3	2	2

Courses - Semester 2

[CHM 110 - General Chemistry](#)
OR [CHM 100 - Basic Chemistry](#)
[CPO 106 - Statistical Procs Cntrl Ovrvw](#)
[ELC 101 - Intro to Instrumentation](#)

Credits	Lecture	Lab
4	3	2
3	2	2
1	1	0
3	2	2

Courses - Semester 3

[CPO 125 - Safety, Health & Environment](#)
[CPO 151 - Chem Proc Tech I-Systems](#)

Credits	Lecture	Lab
3	3	0
4	3	2

To complete program requirements, you must pass the above courses and earn at least **20 credits**. The number of courses and credits required for graduation may be more depending on your need for developmental education courses and the elective choices you make (if electives are a part of the program). Some programs also have college-level courses that you must take if you do not score at a certain level on the College Placement Test. If this applies to your program, the courses are listed at the top of the sequence sheet before the first semester of the course list.