

## Chemical Process Operator

### Chemical Process Operator Studies

STANTON CAMPUS

Spring 2020

The Chemical Process Operator Studies diploma program prepares students for employment in industrial plants in the chemical, petroleum, polymer and pharmaceutical industries. The chemical industry has a great need for trained chemical operators to adjust and optimize conditions for the production of large quantities of products in local chemical plants and pilot plants. Graduates are readily employed by these local plants at competitive salaries. The program provides a practical education in various aspects of plant operations such as hands-on training in process operations and control, regulatory compliance, and preventive maintenance skills. Laboratory facilities include not only standard lab equipment, but also modern instrumentation in pilot plant technology and computer simulations.

#### PROGRAM SPECIFIC ADVISEMENT STATEMENT

##### Courses - Semester 1

	Credits	Lecture	Lab
<a href="#">SSC 100 - First Year Seminar</a>	1	1	0
<a href="#">CPO 135 - Chem Proc Tech-Equipment</a>	3	2	2
<a href="#">CIS 107 - Intro to Computers/Application</a>	3	2	2
<a href="#">CHM 110 - General Chemistry</a>	4	3	2

##### Courses - Semester 2

	Credits	Lecture	Lab
<a href="#">CPO 151 - Chem Proc Tech I-Systems</a>	4	3	2
<a href="#">CPO 106 - Statistical Procs Cntrl Ovrw</a>	1	1	0
<a href="#">ELC 101 - Intro to Instrumentation</a>	3	2	2

##### Courses - Semester 3

	Credits	Lecture	Lab
<a href="#">CPO 252 - Chem Proc Tech II-Operations</a>	4	3	2
<a href="#">MAT 120 - Contemporary Mathematics</a>	3	3	0
<a href="#">ENG 102 - Composition and Research</a>	3	3	0

##### Courses - Semester 4

	Credits	Lecture	Lab
<a href="#">CPO 125 - Safety, Health &amp; Environment</a>	3	3	0

#### Approved Electives

Select one social science elective to take in the fourth semester.

Group	Courses	Credits	Lecture	Lab
	<a href="#">ECO 111 - Macroeconomics</a>	3	3	0
	<a href="#">POL 111 - Political Science</a>	3	3	0
	<a href="#">PSY 121 - General Psychology</a>	3	3	0
	<a href="#">SOC 111 - Sociology</a>	3	3	0

To complete program requirements, you must pass the above courses and earn at least **35 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.