

Electronic Engineering Technology

Instrumentation Certificate

STANTON CAMPUS

Spring 2020

The Instrumentation Certificate provide students with an introduction to the technical and practical knowledge required in this field. Classroom studies and hands-on experience in this program prepare graduates for real-life applications. Taking part in this certificate program, also offers advancement options for individuals already employed in the field; or graduates could choose to continue studies to obtain an associate degree, preparing you to be an instrument engineering technician. A career in this field may lead you to work in the chemical processing, food processing, oil and gas production, energy production industries, or other highly technical fields. You could be involved in the installation, calibration, and maintenance of electronic, digital, and pneumatic equipment as well as the development of procedures for maintenance and problem solving.

PROGRAM SPECIFIC ADVISEMENT STATEMENT

Courses - Semester 1

[ELC 101 - Intro to Instrumentation](#)

[ELC 270 - Process Instrumentation I](#)

[\(PHY 111 - Conceptual Physics](#)

OR [PHY 205 - General Physics I](#))

Credits	Lecture	Lab
3	2	2
4	3	2
4	3	2
4	3	3

*To complete program requirements, you must pass the above courses and earn at least **11 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.*