DEGREE AND CERTIFICATE ADDITIONS
2020–2021

Certificate of Achievement
Programmable Logic Controllers

This Certificate of Achievement is preparing students for entry level positions programming PLCs for industrial automation. The curriculum provides the student with practical experience using the state-of-the-art software and hardware typically found in the field of industrial automation.

The Program-level Student Learning Outcomes (PSLOs) below are outcomes that students will achieve after completing specific certificate requirements in this program. Students will:
1. Students will be able to program the Programmable Logic Controllers and Distributed Controller Systems.
2. Students will be able to implement industrial automation solutions using Programmable Logic Controllers or Distributed Controller Systems.
3. Students will be able to demonstrate and explain their solutions.

Note: All courses must be completed with a letter grade of "C" or higher.

Subject & Number	Title	Units
Computer Science Info. Systems 112	Windows Operating System	3
or		
Computer Science Info. Systems 113	Introduction to Linux	3
Computer Science Info. Systems 119	Introduction to Computer Programming	3
Computer Science Info. Systems 121	Introduction to Cybersecurity	3
Computer Science Info. Systems 250	Introduction to Python Programming	4
Computer Science Info. Systems 255	Introduction to Programmable Logic Controllers	4
	Total	17

An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.