

Industrial Computers Certificate (4251)

This certificate is designed for students with a basic background in electronic technology or with an Engineering Technology AAS degree who wish to upgrade skills or to be trained in another area of specialization.

NOTE: Both ELEC 1320 and ELEC 2821 have a prerequisite of ELEC 1100 Direct Current Circuit Analysis. ELEC 2300 has a prerequisite of ELEC 2101 Linear and Switch-Mode Power Supplies. Students may need to take additional courses if they have not already taken the required prerequisite courses or do not have equivalent experience.

CPET 1120	C Programming for Engineering Technology	3
ELEC 1320	Digital Systems Fundamentals	3
ELEC 2300	Sensors and Actuators	3
ELEC 2400	Microcontroller Applications	3
ELEC 2600	Robotics Project Lab	3
ELEC 2821	Programmable Logic Controllers	3

Certificate Total: 18