

Industry Credentials, Concentration Sequences, and Career Clusters

Electronics/Industrial Robotics Technology (8547)

Industry Credentials:

These apply only to 36-week courses

- Associate Certified Electronics Technician (CETa) Examination
- Certified Satellite Installer (CSI) Examination
- College and Work Readiness Assessment (CWRA+)
- Computer Service Technician (CST) Examination
- Customer Service Examination
- Customer Service Specialist (CSS) Examination
- Electronics Assessment
- Electronics Module: AC (EM2) Examination
- Electronics Module: Analog (EM3) Examination
- Electronics Module: Comprehensive (EM5) Examination
- Electronics Module: DC (EM1) Examination
- Electronics Module: Digital (EM4) Examination
- Electronics Technology Assessment
- FANUC Certified Robot Operator with ROBOGUIDE Assessment
- Industrial Electricity Assessment
- Industrial Electronics Assessment
- Manufacturing Specialist Certification Examination
- Manufacturing Technician Level 1 (MT1) Certification Examination
- Mechatronics Level 1 Assessment
- Mechatronics Systems Certification Examinations
- National Career Readiness Certificate Assessment
- Pre-Manufacturing Technician 1 (Pre-MT1) Examination
- Professional Communications Certification Examination
- Student Electronics Technician (SET) Examination
- Telecommunications (TCM) Electronics Technician Examination
- Workplace Readiness Skills for the Commonwealth Examination

Concentration Sequences:

*A combination of this course and those below, equivalent to two 36-week courses, is a **concentration sequence**. A **program completer** is a student who has met the requirements for a CTE concentration sequence and all other requirements for high school graduation or an approved alternative education program. Students wishing to complete a specialization may take additional courses based on their career pathways.*

- Electronics Technology
- Industrial Robotics Technology

Career Clusters, Career Pathways, and Occupations:

- Arts, A/V Technology and Communications
 - Audio and Video Technology and Film
 - Audio and Video Equipment Technician
 - Audio-Video Designer, Engineer
 - Sound Engineering Technician
- Manufacturing
 - Manufacturing Production Process Development
 - Electro-Mechanical Technician
 - Industrial Engineer
 - Industrial Engineering Technician
 - Manufacturing Systems Engineer
 - Network Designer
 - Precision Inspector, Tester, or Grader
 - Production Manager
 - Programmer
 - Production
 - Assembler
 - Automated Manufacturing Technician
- Science, Technology, Engineering and Mathematics
 - Engineering and Technology
 - Electrical Engineer
 - Electrical Engineering Technician
 - Electronics Engineering Technician