

ROBOTICS AND AUTOMATION INSTRUCTOR (CIP 15.0403)

GRADE LEVELS: 10, 11, and 12

START DATE: Immediately

POSITION DESCRIPTION:

The Robotics and Automation Instructor will be responsible for providing comprehensive instruction that prepares high school students for careers in automated manufacturing and related fields. This includes the operation, maintenance, and troubleshooting of electromechanical systems, robotic components, control systems, and industrial automation technology.

Instructional responsibilities include:

- Safety protocols and industry standards
- Industrial robotics and automated systems
- Basic and advanced electronics
- Hydraulics and pneumatics
- PLC programming and troubleshooting
- Mechanical systems and precision measurement
- Engineering graphics and CAD software
- Industrial networking and smart technologies
- Problem-solving and critical thinking skills
- Soft skills including ethics and teamwork
- Integration of sustainable energy concepts where applicable

The instructor will also be expected to integrate hands-on, project-based learning strategies and remain current with evolving industry standards. The role includes participation in advisory committee meetings, curriculum development, student assessment, and professional development.

QUALIFICATIONS & REQUIREMENTS:

- High school diploma or GED required and have a minimum of 4 years (8,000 hours) of documented, paid work experience in automated manufacturing, robotics, or electromechanical technology
- Willingness to enroll in and maintain enrollment in a PA Department of Education approved career and technical teacher certification program
- Must pass the Occupational Competency Assessment (OCA) in Automated Manufacturing (2109 CIP 15.0403)
- Strong communication, organizational, and classroom management skills
- Experience with or willingness to learn instructional strategies for secondary education
- Current clearances: Act 24, Act 34 (PA Criminal History), Act 114 (FBI), and Act 151 (Child Abuse), all dated within the past year and Act 168 Disclosure Releases
- Must pass a pre-employment drug screening

SALARY & BENEFITS:

Salary commensurate with education and work experience and determined according to the current teacher salary schedule. Benefits include employer paid family health insurance, term life insurance, long-term disability insurance, and PSERS retirement plan.

APPLICATION PROCEDURE:

Interested candidates should submit the following: Standard application (available on website at www.ctclc.edu, under "Employment", or click link: [CTCLC Employment](#), Letter of interest, and Resume.

Send to: Director, Career Technology Center of Lackawanna County – H.J. Dende Campus, 3201 Rockwell Avenue Scranton, PA 18508-1491, Phone: (570) 346-8471 Ext. 103 or Email: tcerep@ctclc.edu

Applications will be reviewed immediately and will continue until the position is filled.

EQUITY STATEMENT

The Career Technology Center of Lackawanna County will not discriminate in their educational programs, activities or employment practices based on race, color, national origin, sex, disability, age, religion, ancestry, or any other legally protected classification. This policy is in accordance with state and federal laws, including Title VI, of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, Sections 503 and 504 of the Rehabilitation Act of 1973, the Age Discrimination Act of 1975, the Americans with Disabilities Act of 1990, and the Pennsylvania Human Relations Act. Information relative to special accommodation, grievance procedure, and compliance with Title VI, Title IX, and Section 504 may be obtained by contacting Dominick Carachilo, Civil Rights Compliance Officer, at Career Technology Center of Lackawanna County, 3201 Rockwell Ave., Scranton, PA 18508. (570) 346-8471 EXT 134, dcarachilo@ctclc.edu. of this notice.