MANUFACTURING
EXTENSION
PARTNERSHIP CENTER
THE UNIVERSITY OF UTAH

UTAH
MEP

AUTOMATED CONTROLS TRAINING

Students support a wide variety of Automated Controls and Instrumentation occupations.

How It Can Help

This program is designed to support a wide variety of Automated Controls and Instrumentation occupations, involving automated systems, instrumentation, measurements, electric motors, controls systems, robotics, mechatronics, and the application of fluid power systems. In addition, this program follows the guidelines of the International Society of Automation, offering related courses that help to support and prepare for the ISA associate CST examination, as an entrance point.

Detailed Description

This Core Automation will provide the valued skills set required by industries involved in manufacturing, mining, refineries, building automation, renewable energy, and full-on industrial controls systems. The program starts out with a solid foundation of the basic theory, laws, circuits, and fundamentals of AC/DC, solid-state and digital electronics. In addition, the student will learn how to use various test equipment for trouble-shooting and repair of electronic circuits. This course covers electronic components, how they function, and how to test devices. Students learn the skills required of an Automation and Instrumentation Technician to understand, maintain, troubleshoot, and repair modern electronic automated systems. Coverage of industrial data communications is also included, as well as applications, theory and project based programmable logic controllers.

Certificate of Completion: 985 Hours

How Much Does It Cost?

Typically under around $4,300 and less than 1,000 hours of class time, but check the website below. Starting time vary.

What Can I Expect?

These Technicians may build, install, test, or troubleshoot equipment or related automated production systems

How To Get Started

For more information about this program, please contact us at SATTS@slcc.edu or 801-957-4073.

For more information,
CLICK HERE

Salt Lake Community College