AUTOMATION ENGINEERING TECHNOLOGY - MAINTENANCE TECHNICIAN, SHORT-TERM TECHNICAL CERTIFICATE

Curriculum Code #6181

Effective May 2018

Division of Engineering, Business and Information Technologies (http://catalog.lorainccc.edu/academic-programs/engineering-business-information-technologies)

This automation engineering technologies short-term certificate will train students to become maintenance technicians. This certificate offers the broad-based skills and hands-on experience needed to start in a career maintaining high technology systems that utilize automated control of electrical, mechanical, hydraulic and pneumatic systems. Learn how to program, troubleshoot, repair and maintain the automated systems that are used in a variety of fields. This certificate can be applied towards the automation engineering technology systems specialist associate degree. Lorain County Community College has articulation agreements with colleges and universities including programs offered by Lorain County Community College's University Partnership.

440-366-7024
rzitek@lorainccc.edu

For information about admissions, enrollment, transfer, graduation and other general questions, please contact your Advising Team (https://www.lorainccc.edu/admissions-and-enrollment/advising-and-counseling). (https://www.lorainccc.edu/admissions-and-enrollment/advising-and-counseling)

More program information can be found on our website. (https://www.lorainccc.edu/engineering/automation-engineering/maintenance-technician-short-term-certificate)

Course	Title	Hours
Fall Semester		
AETC 111	ROBOTICS/AUTOMATED MANUFACTURING	3
AETC 121	PROGRAMMABLE LOGIC CONTROLLERS	3
ELCT 111	ELECTRICAL CIRCUITS I	3
SDEV 101	COLLEGE 101 [1]	1
TECN 121	FLUID POWER [2]	3
	Hours	13
Spring Semester		
AETC 223	PROGRAMMABLE LOGIC CONTROLLERS II [3]	3
AETC 241	INSTRUMENTATION AND CONTROL [3]	3
ELCT 211	ELECTRICAL POWER AND DEVICES [3]	4
TECN 133	MECHANICAL SYSTEMS [2]	3
TECN 211	FLUID POWER CONTROL SYSTEMS [3]	2
	Hours	15
	Total Hours	28

[1]   A student must register for the orientation course when enrolling for more than six credit hours per semester or any course that would result in an accumulation of 13 or more credit hours.

[2]   Indicates that this course has a prerequisite or may be taken concurrently.

[3]   Indicates that this course requires a prerequisite.

Program Contact(s):

Ronald Scott Zitek