MANUFACTURING ENGINEERING TECHNOLOGY - INDUSTRIAL INTERNET OF THINGS (IIOT), SHORT TERM TECHNICAL CERTIFICATE

Not Offered This Year

Curriculum Code #6241

Effective May 2023

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

This short term certificate provides the student with a quality, relevant technical education and applied technical training in the basic installation, building, operation, maintenance, and selection of Industrial Internet of Things (IIoT) devices and systems. Lorain County Community College has articulation agreements with colleges and universities including programs offered by LCCC's University Partnership.

Preferred Sequence

Fall Semester		Hours
AETC 121	PROGRAMMABLE LOGIC CONTROLLERS	3
CYBR 110	FUNDAMENTALS OF INTERNET OF THINGS (IOT)	4
IIOT 120	PROGRAMMING ESSENTIALS	5
SDEV 101	INTRODUCTION TO THE LCCC COMMUNITY [1]	1
	Hours	**13**
Spring Semester		
IIOT 130	IIOT SENSORS [2]	4
IIOT 140	IIOT PRIVACY, SECURITY, AND CLOUD SERVICES	4
IIOT 220	PROGRAMMING EMBEDDED SYSTEMS [2]	4
	Hours	**12**
	Total Hours	**25**

[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.

Program Contact(s):

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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/).

1. Communicate IIoT concepts and applicability, in technical and non-technical environments
2. Function effectively as a member of a technical team