ENGINEERING TECHNOLOGY - GENERAL TECHNICIAN, SHORT-TERM TECHNICAL CERTIFICATE

Curriculum Code #6050

Effective May 2023

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

The general technician short term technical certificate is designed to provide students with the knowledge and skills necessary for the competent performance as an entry-level technician. The graduate will repair, test, adjust, operate or install engineering equipment. 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 or TECN 133	PROGRAMMABLE LOGIC CONTROLLERS or MECHANICAL SYSTEMS	3
ENGR 120	INTRODUCTION TO ENGINEERING	1
SDEV 101	INTRODUCTION TO THE LCCC COMMUNITY [4]	1
TECN 111	TECHNICAL PROBLEM SOLVING	3
TECN 115	INDUSTRIAL BLUEPRINT READING	2
TECN 131	MANUFACTURING PROCESSES I	3
	Hours	**13**
Spring Semester		
ALET 113 or SAFE 105	OSHA 10 CONSTRUCTION SAFETY or OSHA GENERAL SAFETY 10 HR	1
CADD 111	INTRODUCTION TO COMPUTER AIDED DRAFTING [3]	2
ELCT 111	ELECTRICAL CIRCUITS I	3
TECN 121	FLUID POWER	3
TECN 287	WORK BASED LEARNING I - TECN [1,2]	1
	Hours	**10**
	Total Hours	**23**

[1]

Indicates that this course requires a prerequisite.

[2]

This course offers an opportunity for experiential learning.

[3]

Indicates that this course requires a prerequisite or may be taken concurrently.

[4]

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.

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/).

Program Learning Outcomes

1. Use appropriate tools in ET/mechanical design applications' or 'Demonstrate the ability to use appropriate ET/mechanical design applications.
2. Demonstrate the ability to perform and review industry related applications and make recommendations for improvement through written technical reports.