

MANUFACTURING FAST START, CERTIFICATE OF COMPLETION

For College Credit Plus Lorain High School Students Only

Curriculum Code #C612

Effective May 2026

The certificate of completion in manufacturing prepares the College Credit Plus student with basic foundation skills toward earning a degree in manufacturing technology. The manufacturing fast start certificate of completion is offered by LCCC for College Credit Plus High School students.

Code	Title	Hours
CADD 111	INTRODUCTION TO COMPUTER AIDED DRAFTING ¹	2
CADD 213	INTRODUCTION TO SOLIDWORKS ²	3
ENGR 120	INTRODUCTION TO ENGINEERING	1
TECN 111	TECHNICAL PROBLEM SOLVING	3
TECN 115	INDUSTRIAL BLUEPRINT READING	2
Total Hours		11

¹ Indicates that this course requires a prerequisite or can be taken concurrently.

² Indicates that this course requires a prerequisite.

Credit for Prior Learning (PLA) options may be available for your program. For more information, please visit our website: www.lorainccc.edu/PLA (<http://www.lorainccc.edu/PLA>)

Program Learning Outcomes

1. Demonstrate knowledge, techniques, skills, and use of the appropriate tools in ET/mechanical design applications.
2. Recognize problems in mechanical design applications and develop appropriate solutions.
3. Effectively communicate technical ideas and problem solving decisions with others.