

MULTICRAFT INDUSTRIAL MAINTENANCE FOUNDATIONS, CERTIFICATE OF COMPLETION

defined engineering problems appropriate to multicraft industrial maintenance.

2. Apply written, oral, and graphical communication in well-defined technical and non-technical environments; and an ability to identify and use appropriate technical literature.

Non-Pell Eligible (Students may not use Pell funding for this certificate. Grants may be available. See your advisor.)

Curriculum Code #C620

Effective May 2026

The Certificate of Completion in Multicraft Industrial Maintenance Foundations prepares students for entry level work in industrial environments and equipment maintenance settings with a focus on safety, technical problem solving, and an initial area of specialization. All Students may earn the OSHA 30 General Industry certification in SAFE 146. Students who select the TECN 121 option may also earn National Coalition of Certification Centers (NC3) Festo Fundamentals of Fluid Power, Pneumatics and NC3 Festo Fundamentals of Fluid Power, Hydraulics certifications. Students who select AETC 115 may also earn the FANUC Robotics CERT Handling Tool Operations and Programming Level 1 certification. This Fast Track option applies directly to the Entry Level Multicraft Industrial Maintenance Short Term Technical Certificate, the Multicraft Industrial Maintenance Professional One Year Certificate, and the Multicraft Industrial Maintenance Technician Associate of Applied Science degree.

First Year

Semester I		Hours
TECN 111	TECHNICAL PROBLEM SOLVING	3
SAFE 146	SAFETY IN GENERAL INDUSTRY	3
Select one of the following:		2-3
AETC 115	INDUSTRIAL ROBOTICS I	
TECN 115	INDUSTRIAL BLUEPRINT READING	
TECN 121	FLUID POWER SYSTEMS	
TECN 133	MECHANICAL SYSTEMS	
Hours		8-9
Total Hours		8-9

Program Contact(s):

Brian Iselin

440-366-7027

biselin@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/>).

Program Learning Outcomes

1. Apply knowledge, techniques, skills and modern tools of mathematics, science, engineering, and technology to solve well-