

# MULTICRAFT INDUSTRIAL MAINTENANCE FUNDAMENTALS, CERTIFICATE OF COMPLETION

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

Curriculum Code #C621

Effective May 2026

The Multicraft Industrial Maintenance Fundamentals short term Certificate of Completion lets students choose a mechanical or electrical foundation course while also obtaining entry level automation skills for production support and maintenance work. The certificate provides a practical base for equipment setup, safe operation, routine troubleshooting, and understanding basic industrial documentation. Students who choose AETC 115 option may earn the FANUC Handling Tool Operations and Programming certification.

## First Year

Semester I	Hours
AETC 115 or AETC 121	INDUSTRIAL ROBOTICS I or PROGRAMMABLE LOGIC CONTROLLERS 3
TECN 115 or ELCT 111	INDUSTRIAL BLUEPRINT READING or ELECTRICAL CIRCUITS I 2-3
<b>Hours</b>	<b>5-6</b>
<b>Total Hours</b>	<b>5-6</b>

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. Apply knowledge, techniques, skills and modern tools of mathematics, science, engineering, and technology to solve well-defined engineering problems appropriate to multicraft industrial maintenance.