

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
Hours		5-6
Total Hours		5-6

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.