

ELECTRONIC ENGINEERING TECHNOLOGY - ELECTRONICS FABRICATION, CERTIFICATE OF COMPLETION

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

Curriculum Code #C608

Effective May 2024

The applied electronics (ELCT) electronics fabrication certificate is designed to provide the student with the entry-level knowledge and practical skills necessary for employment in the electronic/electrical industry. Students will learn to use standard and specialized electronic test equipment in the laboratory. Upon successful completion students will earn the J-STD-001 Certified IPC Application Specialist (CIS) certificate which focuses on the knowledge and hand skills employees need to produce high quality soldered interconnections. Lorain County Community College has articulation agreements with colleges and universities including programs offered by Lorain County Community College's University Partnership.

First Year

| Fall Semester | | Hours |
|--------------------|-------------------------------------|----------|
| ELCT 111 | ELECTRICAL CIRCUITS I | 3 |
| ELCT 115 | FABRICATION PROCESS FOR ELECTRONICS | 2 |
| Hours | | 5 |
| Total Hours | | 5 |

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Credit for Prior Learning (PLA) options may be available for your program.

For more information, please visit our website: www.loraincc.edu/PLA (<http://www.loraincc.edu/PLA>)

Program Learning Outcomes

1. An ability to apply knowledge, techniques, skills and modern tools of mathematics, science, engineering, and technology to solve well-defined engineering problems appropriate to the discipline.
2. An ability to conduct standard tests, measurements, and experiments and to analyze and interpret the results.