ENGINEERING AND MANUFACTURING

Associate of Science

- Associate of Science #8750 (http://catalog.lorainccc.edu/academic-information/as/)

Alternative Energy

- Alternative Energy Technology – Solar Technology – One-year technical certificate #6356 (http://catalog.lorainccc.edu/academic-programs/engineering-business-information-technologies/alternative-energy-technology-solar-technology-one-year-technical-certificate/)
- Alternative Energy Technology – Solar Technology – Associate degree #6355 (http://catalog.lorainccc.edu/academic-programs/engineering-business-information-technologies/alternative-energy-technology-solar-technology-major-aas/)
- Alternative Energy Technology – Wind Turbine – Short-term technical certificate #6352 (http://catalog.lorainccc.edu/academic-programs/engineering-business-information-technologies/alternative-energy-technology-wind-turbine-short-term-technical-certificate/)
- Alternative Energy Technology – Wind Turbine – One-year general certificate #6351 (http://catalog.lorainccc.edu/academic-programs/engineering-business-information-technologies/alternative-energy-technology-wind-turbine-one-year-technical-certificate/)
- Alternative Energy Technology – Wind Turbine – Associate degree #6350 (http://catalog.lorainccc.edu/academic-programs/engineering-business-information-technologies/alternative-energy-technology-wind-turbine-short-term-technical-certificate/)

Automation Engineering Technology

- Automation Engineering Technology - Maintenance Technician – Short-term technical certificate #6181 (http://catalog.lorainccc.edu/academic-programs/engineering-business-information-technologies/automation-engineering-technology-maintenance-technician-short-term-technical-certificate/)
- Automation Engineering Technologies – Systems Specialist Major – Associate degree #6211 (http://catalog.lorainccc.edu/academic-programs/engineering-business-information-technologies/automation-engineering-technology-systems-specialist-aas/)
- Automation Engineering Technology – Maintenance/Repair – Associate degree #6210 (http://catalog.lorainccc.edu/academic-programs/engineering-business-information-technologies/automation-engineering-technology-maintenancerepair-aas/)
- Smart Industrial Automated Systems Engineering Technology - #9605 Bachelor of Applied Science (http://catalog.lorainccc.edu/academic-programs/engineering-business-information-technologies/smart-industrial-automated-systems-bas/)

Construction

- Construction Technology – Construction and Renovation Tradesman – Short-term technical certificate #6175 (http://catalog.lorainccc.edu/academic-programs/engineering-business-information-technologies/construction-technology-construction-renovation-tradesman-short-term-technical-certificate/)
- Construction Technology – Residential Building and Renovation – One-year technical certificate #6176 (http://catalog.lorainccc.edu/academic-programs/engineering-business-information-technologies/construction-technology-residential-building-renovation-one-year-technical-certificate/)
- Construction Technology – Construction Engineering – Associate degree #6170 (http://catalog.lorainccc.edu/academic-programs/engineering-business-information-technologies/construction-technology-construction-engineering-major-aas/)
- Construction Technology – Construction Management – Associate degree #6171 (http://catalog.lorainccc.edu/academic-programs/engineering-business-information-technologies/construction-technology-construction-management-major-aas/)

Digital Fabrication

- Digital Fabrication Technology - Digital Fabrication Major - Associate degree #6167 (http://catalog.lorainccc.edu/academic-programs/engineering-business-information-technologies/digital-fabrication-technologies-digital-fabrication-major-aas/)

Electronic Engineering Technology

- Electronic Engineering Technology – Applied Electronics – One-year technical certificate #6309 (http://catalog.lorainccc.edu/academic-programs/engineering-business-information-technologies/electronic-engineering-technology-applied-electronics-one-year-technical-certificate/)
- Electronic Engineering Technology – Applied Electronics – Associate degree #6310 (http://catalog.lorainccc.edu/academic-programs/engineering-business-information-technologies/electronic-engineering-technology-applied-electronics-aas/)
- Microelectronic Manufacturing - Bachelor of applied science #9601 (http://catalog.lorainccc.edu/academic-programs/engineering-business-information-technologies/microelectronic-manufacturing-bas/)

Engineering Technology

- Engineering Technology – General Technician – Short-term technical certificate #6050 (http://catalog.lorainccc.edu/academic-programs/engineering-business-information-technologies/engineering-technology-general-technician-short-term-technical-certificate/)

Industrial Safety

- Industrial Safety Technology/Technician - Associate degree #6720 (http://catalog.lorainccc.edu/academic-programs/engineering-business-information-technologies/industrial-safety-technology-technician-associate-of-technical-studies/)
- Industrial Safety Technology/Technician – Professional Safety – One year technical certificate #6710 (http://catalog.lorainccc.edu/academic-programs/engineering-business-information-technologies/industrial-safety-technology-technician-professional-safety-one-year-technical-certificate/)
- Industrial Safety Technology/Technician – General Safety – Short-term technical certificate #6700 (http://catalog.lorainccc.edu/academic-programs/engineering-business-information-technologies/industrial-safety-technology-technician-general-safety-short-term-technical-certificate/)

Manufacturing Engineering Technology

- Manufacturing Engineering Technology – Computer Aided Machining Manufacturing Process – Short-term technical certificate #6012 (http://catalog.lorainccc.edu/academic-programs/engineering-business-information-technologies/manufacturing-engineering-technology-computer-aided-machining-manufacturing-processes-short-term-technical-certificate/)
- Manufacturing Engineering Technology – Computer-Aided Machining Operator – One-year technical certificate #6112 (http://catalog.lorainccc.edu/academic-programs/engineering-business-information-technologies/manufacturing-engineering-technology-computer-aided-machining-operator-one-year-technical-certificate/)
- Manufacturing Engineering Technology – Computer Aided Machining – Associate degree #6213 (http://catalog.lorainccc.edu/academic-programs/engineering-business-information-technologies/manufacturing-engineering-technology-computer-aided-machining-aas/)
- Manufacturing Engineering Technology – Industrial Electrical Technician – Short-term technical certificate #6015 (http://catalog.lorainccc.edu/academic-programs/engineering-business-information-technologies/manufacturing-engineering-technology-industrial-electrical-technician-short-term-technical-certificate/)
- Manufacturing Engineering Technology – Industrial Electrical Technician – One-year technical certificate #6115 (http://catalog.lorainccc.edu/academic-programs/engineering-business-information-technologies/manufacturing-engineering-technology-industrial-electrical-technician-one-year-technical-certificate/)
- Manufacturing Engineering Technology – Industrial Electrical Technician – Associate degree #6215 (http://catalog.lorainccc.edu/academic-programs/engineering-business-information-technologies/manufacturing-engineering-technology-industrial-electrical-technician-aas/)
- Manufacturing Engineering Technology - Industrial Internet of Things - Short-term technical certificate #6241 (http://catalog.lorainccc.edu/academic-programs/engineering-business-information-technologies/manufacturing-engineering-technology-industrial-internet-of-things-sttc/)
- Manufacturing Engineering Technology - Industrial Internet of Things - One-year technical certificate, #6243 (http://catalog.lorainccc.edu/academic-programs/engineering-business-information-technologies/manufacturing-engineering-technology-industrial-internet-of-things-oyt/)
- Manufacturing Engineering Technology - Industrial Internet of Things (IIOT) - Associate degree #6245 (http://catalog.lorainccc.edu/academic-programs/engineering-business-information-technologies/manufacturing-engineering-technology-industrial-internet-of-things-aas/)
- Manufacturing Engineering Technology – Industrial Mechanical Technician – Short-term technical certificate #6016 (http://catalog.lorainccc.edu/academic-programs/engineering-business-information-technologies/manufacturing-engineering-technology-industrial-mechanical-technician-short-term-technical-certificate/)
- Manufacturing Engineering Technology - Industrial Mechanical Technician – One-year technical certificate #6116 (http://catalog.lorainccc.edu/academic-programs/engineering-business-information-technologies/manufacturing-engineering-technology-industrial-mechanical-technician-one-year-technical-certificate/)
- Manufacturing Engineering Technology - Industrial Mechanical Technician – Associate degree #6216 (http://catalog.lorainccc.edu/academic-programs/engineering-business-information-technologies/manufacturing-engineering-technology-industrial-mechanical-technician-aas/)
- Manufacturing Engineering Technology – Computer Aided Design – Short-term technical certificate #6002 (http://catalog.lorainccc.edu/academic-programs/engineering-business-information-technologies/manufacturing-engineering-technology-computer-aided-design-short-term-technical-certificate/)
- Manufacturing Engineering Technology – Computer Aided Design Operator – One-year technical certificate #6111 (http://catalog.lorainccc.edu/academic-programs/engineering-business-information-technologies/manufacturing-engineering-technology-computer-aided-design-operator-one-year-technical-certificate/)
- Manufacturing Engineering Technology – Mechanical Design – Associate degree #6212 (http://catalog.lorainccc.edu/academic-programs/engineering-business-information-technologies/manufacturing-engineering-technology-mechanical-design-aa/)
- Manufacturing Engineering Technology – Quality Technician – One-year technical certificate #6007 (http://catalog.lorainccc.edu/academic-programs/engineering-business-information-technologies/manufacturing-engineering-technology-quality-control-one-year-technical-certificate/)
- Microelectronic Manufacturing -Bachelor of applied science #9601 (http://catalog.lorainccc.edu/academic-programs/engineering-business-information-technologies/microelectronic-manufacturing-bas/)

Mechatronics

- Mechatronics Technology: Micro Electromechanical Systems (MEMS) – Short-term technical certificate #6500 (http://catalog.lorainccc.edu/academic-programs/engineering-business-information-technologies/mechatronics-technology-micro-electromechanical-systems-short-term-technical-certificate/)
- Mechatronics Technology: Micro Electromechanical Systems (MEMS) – One-year technical certificate #6510 (http://catalog.lorainccc.edu/academic-programs/engineering-business-information-technologies/mechatronics-technology-micro-electromechanical-systems-one-year-technical-certificate/)
- Mechatronics Technology: Micro Electromechanical Systems (MEMS) – Associate degree #6520 (http://catalog.lorainccc.edu/academic-programs/engineering-business-information-technologies/mechatronics-technology-micro-electromechanical-systems-aas/)
- Microelectronic Manufacturing -Bachelor of applied science #9601 (http://catalog.lorainccc.edu/academic-programs/engineering-business-information-technologies/microelectronic-manufacturing-bas/)

Welding

- Welding Technology – Advanced Welding – Short-term technical certificate #6011 (http://catalog.lorainccc.edu/academic-programs/engineering-business-information-technologies/welding-technology-advanced-welding-short-term-technical-certificate/)
- Welding Technology – Basic Welding – Short-term technical certificate #6006 (http://catalog.lorainccc.edu/academic-programs/engineering-business-information-technologies/welding-technology-basic-welding-short-term-technical-certificate/)
- Welding Technology – Short-term technical certificate #6009 (http://catalog.lorainccc.edu/academic-programs/engineering-business-

information-technologies/welding-technology-welding-short-term-technical-certificate/)

- Welding Technology – Welding Visual Inspection --Short-term technical certificate #6013 (http://catalog.lorainccc.edu/academic-programs/engineering-business-information-technologies/welding-technology-welding-and-visual-inspection/)
- Welding Operator – One-year technical certificate #6008 (http://catalog.lorainccc.edu/academic-programs/engineering-business-information-technologies/welding-technology-welding-operator-one-year-technical-certificate/)
- Welding Technology – Associate degree #6410 (http://catalog.lorainccc.edu/academic-programs/engineering-business-information-technologies/welding-technology-aas/)