



## Fox Valley Technical College Programs

### Certificates

#### Fox Valley Technical College

Controls Maintenance  
Electrical Maintenance  
Industrial Maintenance  
Industrial Maintenance Foundations  
Mechanical Maintenance  
Production Inspection & Metrology  
Quality, Manufacturing  
Quality, Non-Manufacturing  
Lean/Six Sigma Green Belt  
Industrial Engineering  
GMAW Welder, Basic  
Welding Fundamentals  
Woodworking Technician 1  
Woodworking Technician 2  
Electronics Fundamentals  
Automation & Maintenance, Advanced  
Instrumentation & Process Control  
CAD Customization  
Environmental Compliance Specialist  
Environmental Health & Safety  
Essentials of Occupational Safety

### Technical Diplomas

#### Fox Valley Technical College

Industrial Maintenance Mechanic  
Welding, Production  
Welding/Metal Fab Technician  
Welding/Metal Fabrication  
Machine Tool Technician  
Wood Manufacturing Technology  
Quality Technician  
Mechanical CAD Drafting

### Apprenticeships

#### Fox Valley Technical College

Machinist Apprentice  
Tool & Die Apprentice  
Electrical & Instrumentation Apprentice  
Industrial Electrician Apprentice  
Industrial Manufacturing Technician Apprentice  
Lubrication Technician Apprentice  
Maintenance Mechanic/Millwright Apprentice  
Maintenance Technician Apprentice  
Pipe Fabricator Apprentice  
Pipefitting Apprentice

### Associate Degrees

#### Fox Valley Technical College

Technical Studies-Journeyworker  
Welding Technology, Industrial  
Electrical Engineering Technology  
Electronic Engineering Technology  
Manufacturing Engineering Technology  
Quality Engineering Technology  
Automated Manufacturing Systems  
Technology  
Electro-Mechanical Technology  
Mechanical Design Technology  
Safety Engineering Technology  
Wind Energy Technology

### REGIONAL 2 to 4 year COLLEGE ARTICULATION AGREEMENTS/TRANSFER OPPORTUNITIES

Automated Manufacturing Systems Technology  
Electrical Engineering Technology  
Electronic Engineering Technology  
Welding Technology, Industrial  
Manufacturing Engineering Technology  
Quality Engineering Technology  
Electro-Mechanical Technology  
Mechanical Design Technology  
Safety Engineering Technology  
Wind Energy Technology





## Lakeshore Technical College Programs

### Certificates

Advanced Fabrication  
Advanced Pipe Welding  
Certified Welding Inspector (CWI) Prep  
Introduction to Electro Mechanical Technology  
Industrial Networking  
Introduction to Machine Tool  
Industrial Technician-Automation  
Introduction to Industrial Welding  
Radiation Safety Technician-Basic  
Radiation Safety Technician-Intermediate  
Radiation Safety Technician-Advanced  
Robotic Weld Technician

### Technical Diplomas

CNC Technician  
Electro Mechanical Maintenance Technician  
Machine Tool Operation  
Maintenance Mechanic  
Mechanical Computer-Aided Drafting (CAD)  
Welding Fabrication Technician  
Welding-Industrial

### Apprenticeships

Industrial Electrician  
Industrial Manufacturing Technician  
Machinist  
Maintenance Mechanic/Millwright  
Maintenance Technician  
Mechatronics Technician  
Tool and Die

### Associate Degrees

Electro-Mechanical Automation Technology  
Energy Management Technology  
Environmental Engineering-Waste & Water Technology  
Nuclear Technology  
Mechanical Design Technology  
Radiation Safety/Health Physics  
Technical Studies - Journeyworker  
Wind Energy Technology

### REGIONAL 2 to 4 year COLLEGE ARTICULATION AGREEMENTS/TRANSFER OPPORTUNITIES

Electro-Mechanical Automation Technology  
Energy Management Technology  
Environmental Engineering-Waste & Water Technology  
Nuclear Technology  
Mechanical Design Technology  
Radiation Safety/Health Physics  
Technical Studies - Journeyworker  
Wind Energy Technology





## Moraine Park Technical College Programs

### Certificates

Advanced Industrial Maintenance  
Basic Industrial Maintenance  
CNC Set-up/Operator  
Gas Metal Arc Welding  
Gas Tungsten Arc Welding  
Introduction to CNC Operations  
Manufacturing Fundamentals  
Shielded Metal Arc Welding  
Die Design  
Mold Design  
Computer Numerical Control  
Quality/Supervision

### Technical Diplomas

CNC/Tool and Die Technologies  
Metal Fabrication  
Welding

### Apprenticeships

[Tool and Die Technologies](#)

### Associate Degrees

Civil Engineering  
Electromechanical Technology  
Fabrication Technologies  
Industrial Mechanical Technician  
Mechanical Design Technology  
Process Engineering Technology-Industrial  
Manufacturing  
Process Engineering-Quality Assurance  
Technical Studies - Journeyworker  
Water Quality Technology  
Wind Energy Technology

### REGIONAL 2 to 4 year COLLEGE ARTICULATION AGREEMENTS/TRANSFER OPPORTUNITIES

CNC/Tool & Die Technologies  
Electromechanical Technology  
Fabrication Technologies  
Mechanical Design Technology  
Metal Fabrication  
Process Engineering  
Technology-Industrial/Manufacturing  
Process Engineering-Quality Assurance  
Welding





Pathways Wisconsin  
**Advanced Manufacturing Technology**  
New North Regional High School Career Pathway



## Northeast Wisconsin Technical College Programs

### Certificates

Mechanical CAD (Computer Aided Drafting)  
Industrial Maintenance  
Mold and Stamping Die Design  
Intro to CNC Programming-Milling  
Intro to CNC Programming-Turning  
Flux Core Welding  
TIG Welding  
Weld Inspection  
Intro to MIG Welding  
Stick Welding  
MIG Welding  
Renewable Energy - Solar Electric  
Renewable Energy - Solar Thermal  
Energy Management

### Technical Diplomas

CNC Machinist  
CNC Technician  
Welding  
Metal Fabrication  
Electrical Power Distribution  
Gas Utility Construction and Service

### Apprenticeships

Electrical & Instrumentation  
Electrical Line Worker  
Industrial Electrician  
Instrumentation  
Machinist  
Maintenance Mechanic (Millwright)  
Pipefitter  
Substation Electrician  
Tool & Die Maker  
Welding

### Associate Degrees

Biomedical Electronics  
Electrical Engineering Technology  
Mechanical Design Technology  
Prototype and Design  
Manufacturing Engineering Technology  
Supply Chain Management  
Manufacturing Operations Management  
Electro-Mechanical Technology  
Automation Engineering Technology  
Solar Energy Technology  
Utilities Engineering Technology  
Energy Management Technology  
Wind Energy Technology  
Fire Protection Engineering Technology  
Environmental Engineering - Waste & Water  
Technology  
Laboratory Science Technology  
Civil Engineering Technology  
Nuclear Technology  
Radiation Safety/Health Physics

### REGIONAL 2 to 4 year COLLEGE ARTICULATION AGREEMENTS/TRANSFER OPPORTUNITIES

[Electrical Engineering Technology](#)  
[Biomedical Electronics](#)  
[Mechanical Design Technology](#)  
[Prototype and Design](#)  
[Manufacturing Engineering Technology](#)  
[Supply Chain Management](#)  
[Manufacturing Operations Management](#)  
[Electro-Mechanical Technology](#)  
[Automation Engineering Technology](#)  
[Solar Energy Technology](#)  
[Utilities Engineering Technology](#)  
[Energy Management Technology](#)  
[Wind Energy Technology](#)  
[Fire Protection Engineering Technology](#)  
[Environmental Engineering](#)  
[Laboratory Science Technology](#)  
[Civil Engineering Technology](#)



State-Endorsed



## University Programs

### UNIVERSITY

#### UW-Green Bay

Major

Engineering Technology  
Electrical Engineering Technology  
Environmental Engineering Technology  
Mechanical Engineering Technology

#### UW-Oshkosh

Major

Engineering Technology  
Electrical Engineering Technology  
Environmental Engineering Technology  
Mechanical Engineering Technology

### PRIVATE COLLEGES/UNIVERSITIES

#### Silver Lake College

Major

Engineering Technologies

#### Lawrence University

Major

Engineering

### REGIONAL 4 year to other 4 year COLLEGE ARTICULATION AGREEMENTS/TRANSFER OPPORTUNITIES

#### UW Green Bay

**To UWM:** Environmental Engineering  
Technology

**To UWM:** Northeastern Wisconsin (NEW)  
Engineering Program

#### UW Oshkosh

**To UW-Madison:** Physics Engineering Dual  
Program

**To UW-Platteville:** Electrical Engineering  
Technology Dual Program

**To UW-Platteville:** Mechanical Engineering  
Technology Dual Program





## New North Regional Information

### School Districts that offer this Pathway

2019-2020

### Regional businesses that support this Career Pathway

[NEW Manufacturing Alliance](#)

