



Industrial Machinery Maintenance 1

Industrial machinery mechanics, also called maintenance machinists, perform preventive maintenance and troubleshooting in industrial production and manufacturing systems. They keep machines in working order, run diagnostic tests, install new parts and systems, and help keep manufacturing moving forward.



APPLY NOW

About the Program

This certificate program prepares students for entry into the Industrial Machinery Maintenance and Repair industry.

High School Dual Enrollment Students can enroll part time or full time.



750 Clock Hour Certificate

TERM #1 (Fall or Spring)

- **ETI 0301** - Industrial Machinery Maintenance Assistant I (150 Hrs)
- **ETI 0302** - Industrial Machinery Maintenance Assistant II (150 Hrs)

TERM #2 (Fall or Spring)

- **ETI 0303** - Industrial Machinery Maintenance Assistant III (150 Hrs)
 - Student completes FDOE curriculum frameworks OCP A (ETI 0450) at this point
- **ETI 0310** - Machinery Maintenance Mechanic 1 (150 Hours)

TERM #3 (Fall or Spring)

- **ETI 0311** - Machinery Maintenance Mechanic II (150 Hrs)
 - Student completes FDOE curriculum frameworks OCP B (ETI 0456) at this point



Program Graduates can continue to the Industrial Machinery Maintenance 2 Certificate (600 Clock Hours)

Industry Certifications

Manufacturing Skill Standards Council (MSSC) assessments/certifications in:

1. Safety
2. Quality Practices and Measurements Occupational Safety and Health Administration (OSHA) Certification

DE Entry Requirements

- High school approval to enroll
- Must be at least 16 years of age
- Minimum 2.0 Unweighted GPA

**A basic skills assessment must be completed within the first six (6) weeks of program admission. Students must meet the basic skills requirement through required scores or an exemption to receive a certificate of completion at the end of the program.*



Estimated Hourly Wages

Florida: \$21.69-\$30.19

16.8% Anticipated Job Growth Rate by 2033

floridajobs.org - 2025-26 Florida Statewide Demand Occupations List; 2025-2033 Occupational Employment Projections

Related Jobs/Careers

Industrial Machinery Mechanics, Machinery Maintenance Workers, Millwrights, Helpers - Installation, Maintenance/Repair Workers, Control and Valve Installers/Repairers, Elevator and Escalator Installers/Repairers, First-Line Supervisors of Mechanics, Installers and Repairers

FDOE Program # J590100 | CIP 47.0303





NORTH FLORIDA COLLEGE

Dual Enrollment Pathway Planner

Industrial Machinery Maintenance I

Program Type: Career Certificate

Total Hours: 750

Location: NFC Main Campus

Estimated Completion Time: 3 Terms (Part Time - MTWRF)

Part Time Pathway

Term 1: 300 Hours (Fall -or- Spring)

ETI 0301 _____ Record Course Reference Number (CRN) Here

Industrial Machinery Maintenance Assistant I

Morning (8:30 am - 11:30 pm)

-or-

ETI 0302 _____

Industrial Machinery Maintenance Assistant II

Afternoon (12:30 pm - 3:30 pm)

Term 2: 300 Hours (Fall -or- Spring)

ETI 0303 _____

Industrial Machinery Maintenance Assistant III

Morning (8:30 am - 11:30 pm)

-or-

ETI 0310 _____

Machinery Maintenance Mechanic I

Afternoon (12:30 pm - 3:30 pm)

Term 3: 150 -or- 300* Hours (Fall -or- Spring)

ETI 0311 _____

Machinery Maintenance Mechanic II

Morning (8:30 am - 11:30 pm)

-or-

Afternoon (12:30 pm - 3:30 pm)

*Students planning to continue into the **Industrial Machinery Maintenance II Program** may, with Special Permission, elect to register for the first course in the sequence, provided they indicate their intent at the start of the term.

ETI 0457 _____

Machinery Maintenance Technician

Full Time Pathway

Term 1: 450 Hours (Fall -or- Spring)

ETI 0304 _____

Industrial Machinery Maintenance Assistant Combined

Full Day (8:30 am - 3:30 pm)

Term 2: 300 -or- 450* Hours (Fall -or- Spring)

ETI 0456 _____

Machinery Maintenance Mechanic

Full Day (8:30 am - 3:30 pm)

*Students planning to continue into the **Industrial Machinery Maintenance II Program** may, with Special Permission, elect to register for the first course in the sequence, provided they indicate their intent at the start of the term.

ETI 0457 _____

Machinery Maintenance Technician

Submit Your Registration Requests
Using the Course Reference Numbers (CRNs) you recorded, submit your course requests using the Dual Enrollment Online Registration Request Form. Your requests will be reviewed and approved by your High School Guidance Counselor.

