People with careers in Maintenance/Operations keep our future intact! These are the people who unload, inspect, and move new equipment into position. They determine the optimal placement of machines in a plant, assemble machinery, install machinery, repair machinery and perform preventive maintenance.

Major Courses
Students must take THREE pathway concentration courses and ONE additional pathway elective course.

Pathway Concentration Courses (3):
- Electrical I
- Introduction to Construction (formerly Introduction to Building)
- Occupational Safety & Fundamentals (Required) (formerly Fundamentals of Construction)
- Plumbing I

Pathway Elective Courses (1):
- Apprenticeship/Internship
- Arc Welding Process I
- Carpentry I
- Introduction to Manufacturing/Eng Science
- Other Pathway Concentration Course

Other Recommended Courses
- Informal Geometry
- Mechanical/Electrical Systems
- Physical Science
- Visual Arts

Post-Secondary Degrees, Diplomas, & Certificates

Technical Colleges
- Electrical Control Systems
- Masonry
- Mechanical Controls System
- Mechanical Inspector
- Mechanical Technology Maintenance

Colleges/Universities
- Electrical Construction Maintenance
- Engineering Technology

General Maintenance Contractor
Project Manager
Facilities Engineer
Electrician
Concrete Finisher
Field Supervisor

Specialty Contractor
Superintendent
Project Inspector
Carpet Installer
Elevator Installer
Safety Director

Construction Engineer
Construction Foreman
Demolition Engineer
Plumber
Sheet Metal Worker
Service Contractor

Construction Manager
Estimator
Mason
Insulation Worker
Security Installer
Operation Engineer

EMPLOYMENT OUTLOOK

Maintenance/Operations employees hold about three million jobs. Applicants with broad skills should have favorable job prospects through the year 2010. As automation of machinery becomes more widespread, there is a greater need for repair work than for the installation of new machinery.

* Pre-requisites noted in course descriptions.