

## Focusing Education on the Future!



# CAREER PATHWAY FACILITY & MOBILE EQUIPMENT MAINTENANCE

Dual or Tech/Career Seal

Careers in the Facility and Mobile Equipment Maintenance pathway include the maintenance, repair, and servicing of vehicles and transportation facilities, as well as the refueling of mobile equipment. All transportation relies on equipment which must function as designed, whenever needed. The people in this pathway keep the equipment and machinery running while looking for more efficient, safe, and cost-effective ways to do so.

### Major Courses

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

#### Pathway Concentration Courses (3):

- Chassis System & Design
- Electrical/Electronic Systems & Design
- Engine Performance Concepts
- Foundations of Transportation & Logistics (Required)
- Preventative Maintenance Inspection

#### Pathway Elective Courses (1):

- Apprenticeship/Internship
- Other Pathway Concentration Course

### Other Recommended Courses

- Informal Geometry
- Math Money Management
- Mechanical Electrical Systems
- Modern Language
- Physical Science
- Principles of Technology

#### Post-Secondary Degrees, Diplomas, & Certificates

#### Technical Colleges

- |  |                                      |
|--|--------------------------------------|
| • Air Conditioning Technology          | • Automotive Service                 |
| • Advanced Air Conditioning Technology | • Automotive Technology              |
| • Automotive Collision Repair          | • Basic Auto Maintenance & Detailing |
| • Auto Electrical Technician           | • Commercial Truck Driving           |
| • Automotive Repair & Refinishing      | • Marine Engine Technology           |
| • Automotive Service Technology        | • Motorcycle Repair Technician       |
|  | • Motorsports Vehicle Technology     |



Facility Maintenance Manager  
Facility Maintenance Engineer  
Industrial Electrician  
Mobile Equipment Maintenance Manager  
Automotive Glass Installers and Repairer  
Automotive Specialty Technician  
Tire Repairers and Changer

Industrial Equipment Mechanic  
Automotive Service Mechanic  
Electrical/Electronic Technician  
Mobile Heavy Equipment Mechanic  
Automotive Service Technician  
Motorcycle Mechanic  
Motorboat Mechanic

Bus and Truck Mechanic  
Aircraft Mechanic  
Avionics Technician  
Automotive Body Repairer  
Automotive Master Mechanic  
Bicycle Repairer  
Ship Mechanics and Repairer

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### EMPLOYMENT OUTLOOK

As more firms continue to introduce expanded automation, the need for skilled applicants in this pathway will grow. Companies increasingly depend on technicians, engineers and mechanics to guard against equipment malfunction due to the high cost of down time. Qualified applicants should encounter ample job opportunities.