Potential Careers

Depending upon student interest, job opportunities in automotive service exist in a wide array of settings including manufacturer specific dealerships, independent repair facilities, specialty service providers, and fleet repair facilities.

Specific Occupations:
- Automotive Service Technician
- Brake Specialist
- Drivability Specialist
- Driveline Technician
- Electrical Diagnostician
- Exhaust Specialist
- Lube Technician
- Power Train Specialist
- Preventative Maintenance Technician
- Rebuilder
- Suspension and Alignment Technician

With Additional Training:
- Service Writer
- Service Manager
- Parts Supply Specialist
- Towing and Recovery

What To Do With A Major In...

For Career Planning and Opportunities:
Academic & Career Advisement Center
3302.1 C.B. Hedgcock
906-227-2971
103 Jacobetti Complex
906-227-2283
www.nmu.edu/acac

Technology and Occupational Sciences Department
101 Jacobetti Complex
906-227-2190
www.nmu.edu/tos

For Job Search, Resume and Career Information:
Career Services
3302.3 C. B. Hedgcock
906-227-2800
www.nmu.edu/careers

For Information about NMU Student Organizations Associated with this Major Contact:
Center for Student Enrichment
1206 University Center
906-227-2439
www.nmu.edu/cse

Internet Resource Links:
www.careers.org
www.careerresource.net

For Career Information with National Organizations:
www.asashop.org Automotive Service Association
www.autoserviceproviders.com Alliance of Automotive Service Providers

Current as of Winter 2016
Provided by:
The Automotive Service Technology program prepares graduates for employment in the automotive repair industry as maintenance and service technicians by providing skills training in all major areas of automotive diagnosis and repair.

In addition to relevant industry aligned technical courses, program liberal studies further prepare graduates for employment as service technicians and increase their opportunity to advance in an exciting field of career opportunities. Graduates of the associate degree program qualify to more seamlessly advance their education anytime in the future through a wide variety of bachelor’s degree programs.

Skills and Competencies

Students utilize similar tools and equipment as found in industry from manufacturers such as Ammco, Cuda, OTC, Pico, Robinair, and Snap-On. Students develop industry relevant competencies through their performance of hands-on tasks on late-model vehicles representing a variety of manufacturer’s.

Students leave Northern with a wide range of skills including the ability to troubleshoot mechanical failures, diagnose electrical and electronic systems, and perform service procedures with a high level of competence.

NMU’s automotive technology program, accredited by the National Automotive Technician’s Education Foundation (NATEF), provides prioritized instruction aligned with the demands of industry leaders and employers. Bottom line – students learn skills employers want!

Course Work

This degree includes the following courses as part of the program requirements, and specific major requirements along with liberal studies and graduation requirements.

Core
AUT 100 Automotive Lab/Industry Safety (1 cr.)
AUT 105 Automotive Mathematics (4 cr.) or MA 100 or higher (4 cr.)
AUT 162 Steering, Suspension and Alignment (4 cr.)
AUT 163 Brakes (4 cr.)
AUT 164 Engine Repair (4 cr.)
AUT 166 Manual Driveline and Axles (4 cr.)
AUT 170 Electrical/Electronic Systems I (4 cr.)
AUT 230 Heating and Air Conditioning (4 cr.)
AUT 260 Automatic Transmission and Transaxle (4 cr.)
AUT 262 Engine Performance I (4 cr.)
AUT 264 Engine Performance II (4 cr.)
AUT 268 Automotive Service Repair (4 cr.) or AUT 291 Auto Service Repair Internship (4 cr.)
AUT 272 Electrical/Electronic Systems II (4 cr.)

Other required courses
EN 111 College Composition I (4 cr.)
EN 211 College Composition II (4 cr.)
HP 200 Physical Well Being (1 cr.)
Electives from Liberal Divisions I-VI (7 cr.)

Detailed course descriptions can be found at www.nmu.edu/bulletin.

Career Development

You should begin the résumé-building process as soon as you can. The Academic and Career Advisement Center can assist you with career planning, while Career Services will help you fine tune your résumé and look for jobs related to your field. In the meantime, the more hands-on experience you have, the better the chances are that you will find a job. Becoming involved in a field-related internship is a way to develop your professional network, enhance your skills and proficiencies, and gain experience. Your academic course work is important as well, so be sure to maintain a high grade point average.

Additional Considerations

Skills learned in the automotive technology program apply to a variety of career opportunities beyond automotive service. Program graduates have also used their skills to secure employment at prominent companies such as Cliff’s Natural Resources, Fabick Heavy Equipment, Ford Motor Company, NAPA Auto Parts, and Rousch Racing.

Job Outlook

Job placements include specializing in a single area of automotive repair, focusing on the diagnosis and repair of specific automotive carlines, or servicing a wide range of vehicles in most or all areas of repair.

Automotive Service Technicians on average make $17.21 an hour. The industry will increase faster than average at a 17% rate of job increase.