

# Automotive Technician



## Possible Careers

- Automotive Service Technician
- Technical Specialist
- Shop Foreman
- Service Manager
- Manufacturer's Representative
- Automotive Parts Specialist
- Automotive Service Advisor

## Technical Diploma – 58 credits

Automotive Technicians are essential support people in our mobile society. The continually advancing technology designed into automobiles requires that technicians be skilled in the diagnosis and repair of electronic control, mechanical, hydraulic, and power transmission systems. On the job, technicians use electronic test equipment, technical manuals, and computer-based reference and communication systems to perform automotive service. Today's prepared automotive technicians develop highly respected skills that are often applied in many diverse service occupations.

Automotive courses combine lecture and hands-on lab experience in the operation and repair of all key automotive systems. These courses are designed to prepare the student for successful certification testing by the National Institute for Automotive Service Excellence (ASE).

In addition to the automotive courses, the technical diploma program includes courses in mathematics, physical science, and communications.

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## Automotive Technician Diploma Program Outcomes

- 1) Conduct automotive service and repair with a focus upon customer satisfaction.
- 2) Apply the learning skills required to continue automotive technical career development.
- 3) Develop a level of professional image, attitude, and appearance that will contribute to the attainment of his/her employer's goals.
- 4) Use process-specific specialized service equipment to conduct automotive service.
- 5) Adapt to, and cope with, the elements of change in the automotive service industry.
- 6) Demonstrate systematic problem solving strategies in the automotive service setting.
- 7) Interpret the efficiency/effectiveness principles of the work-place required of an automotive technician.
- 8) Demonstrate the accurate use of trade-specific jargon.
- 9) Demonstrate safe service practices.

## Credit Transfer Agreements

Nicolet has partnered with some district high schools to grant college credit to students who have taken selected high school courses. Contact Nicolet's Academic Advising Office for details.



Nicolet College Admissions Office  
715.365.4451 or 800.544.3039 ext. 4451  
[inquire@nicoletcollege.edu](mailto:inquire@nicoletcollege.edu)  
University Transfer Center Room 210  
5364 College Drive  
Rhineland, WI 54501  
[www.nicoletcollege.edu](http://www.nicoletcollege.edu)

## Salary Information/Career Outlook

Average wage was \$10.82 an hour for 2007 Wisconsin Technical College Automotive Technician graduates. Average annual salary was \$23,951. These rates typically increase with experience.

Curriculum	Credits
<b>First Year</b>	
<b>Fall Semester</b>	
32-404-311 Auto Service Orientation . . . . .	3
32-404-312 Engine Systems Repair I . . . . .	2
32-404-324 Auto Brake Systems I . . . . .	3
31-804-302 Applied Technical Math . . . . .	2
32-806-370 Intro D.C. Circuits . . . . .	2
10-890-100 College Success . . . . .	1
	<b>13</b>
<b>Spring Semester</b>	
32-404-323 Steering/Suspension I . . . . .	3
32-404-328 Engine Performance I . . . . .	3
32-404-329 Chassis Electrical I . . . . .	3
10-801-196 Oral/Interpersonal Communications . . . . .	3
31-806-369 Basic Physical Science . . . . .	2
	<b>14</b>
<b>Second Year</b>	
<b>Fall Semester</b>	
32-404-332 Engine Systems Repair II . . . . .	3
32-404-335 Automatic Transmissions . . . . .	4
32-404-336 Manual Drive Trains . . . . .	4
32-404-349 Chassis Electrical II . . . . .	3
	<b>14</b>
<b>Spring Semester</b>	
32-404-337 Auto Heating/Air Conditioning . . . . .	3
32-404-344 Steering/Suspension and Brakes II . . . . .	3
32-404-348 Engine Performance II . . . . .	5
32-404-391 Auto Workplace/Capstone . . . . .	2
10-801-195 Written Communication . . . . .	3
	<b>16</b>

Advanced Standing: Articulation agreements between Nicolet and some district high schools provide credit in this program for selected high school courses; contact Academic Advising Office for details.

Students must have a grade of "C" or better to progress in core courses in the following semester and a grade of "C" or better in all core courses to graduate. A cumulative G.P.A. of 2.0 is required for graduation.