



Automotive Maintenance Technician (31-404-3)

Technical Diploma
Effective 2026/2027

The course sequence shown on this sheet is the recommended path to completion. Courses will be scheduled in the terms indicated here. All courses should be taken in the order shown to help you stay on track and graduate according to your academic plan. Courses in this program may be offered in a variety or combination of formats (for example: in-person, video conferencing, online, etc.). More detailed scheduling information for this program can be found at <https://www.gtc.edu/automotive-maintenance>. Please see your academic advisor for additional information.

HZ-D = Horizon Center/days, F=Fall, S=Spring, SU=Summer

Term	Course Number	Credits	Course Title	Requisites (prereq- before/ coreq-with)	Notes	HZ-D
1	890-155	1	Gateway to Success (G2S)		• Students are required to take this course in their first semester of enrollment. Please see an advisor for details.	F+
1	*602-130	3	Auto Shop Essentials		• Faculty have identified this milestone course as providing a strong foundation for success throughout the program.	F
1	*602-107	2	Auto Service Fundamentals	Prereq: 602-130		F
1	*602-104	3	Brake Systems	Prereq: 602-107; 602-130		F
1	*602-124	3	Steering & Suspension Systems	Prereq: 602-107; 602-130		F
2	*602-125	2	Electrical & Electronic Systems 1	Prereq: 602-107; 602-130 Coreq: 804-134 OR 804-135	• Faculty have identified this milestone course as providing a strong foundation for success throughout the program.	S
2	*602-127	3	Electrical & Electronic Systems 2	Prereq: 602-125		S
2	*602-196	3	Climate Control Systems	Prereq: 602-127		S
2	*602-204	3	Engine Repair 1	Prereq: 602-107; 602-130		S
2	804-134	3	Mathematical Reasoning	Prereq: 854-760	• Satisfactory college placement results (through multiple measures or placement test scores) or successful remediation is required prior to enrollment. See an advisor for details.	S+
3	801-136	3	English Composition 1	Prereq: 831-103 OR 851-757	• Satisfactory college placement results (through multiple measures or placement test scores) or successful remediation is required prior to enrollment. See an advisor for details.	SU+
3	801-196	3	Oral/Interpersonal Communication			SU+

Minimum Program Total Credits Required: 32

(*) Students must achieve a combined average of 2.0 ("C") or above for this major course to meet graduation requirements.

(+) Students may take this course at any one of the three main campuses; Kenosha, Racine, Elkhorn or Online.

Students interested in continuing into the 10-602-3 Automotive Technology program can earn their associate degree by completing an additional 33 credits. Please see your academic advisor for details.

Automotive Maintenance Technician (31-404-3)

Automotive Maintenance Technician gives an overview of essential servicing techniques, including the testing, repairing, and rebuilding of basic automotive systems. Graduates of this program have the skills necessary for entry-level employment at automotive repair facilities and retail service centers or to pursue an Associate of Applied Science degree in a two-year automotive program. The student will be prepared to take up to four ASE tests in the following areas: brakes, suspension and steering, heating and air conditioning, and electrical systems. Special emphasis will be placed on mechanical relationships and basic engine performance. Students will be able to apply the techniques learned in lectures in an automotive shop laboratory setting. This will be accomplished in a simulated work environment.

Program Learning Outcomes

Graduates will be able to:

- 1 Diagnose, service, and repair Suspension and Steering systems of light duty vehicles.
- 2 Diagnose, service, and repair Brake systems of light duty vehicles.
- 3 Diagnose, service, and repair Heating, Ventilating and Air Conditioning systems of light duty vehicles.
- 4 Diagnose and service Gasoline Engines of light duty vehicles.
- 5 Service Engine Performance related systems of light duty vehicles.

Essential Career Competencies

Gateway's six essential career competencies are the general attitudes and skills promoted and assessed by all programs. All Gateway graduates will develop skills in:

- 1 Communication Competence
- 2 Critical Thinking and Problem Solving
- 3 Professionalism and Career Management
- 4 Teamwork and Collaboration
- 5 Cultural Competence
- 6 Technology Competence

Gateway Technical College reserves the right to modify curriculum requirements for students who interrupt enrollment for one year or take over seven years to complete. Tuition and material fees are determined by the board of the Wisconsin Technical College System. Consult My Gateway for exact fee amounts. The District reserves the right to modify, cancel, or relocate course offerings in response to factors such as low enrollment, resource availability, or other relevant considerations to ensure high-quality educational experiences. Students will be notified in writing and are encouraged to meet with their Academic Advisor to adjust their academic plan.

Admission Requirements

- 1 Students must submit an application and pay \$30 fee.
- 2 Students must meet one of the following: minimum cumulative high school GPA of 2.6 (unweighted); earned at least 12 college credits with a minimum GPA of 2.0; or complete valid reading, writing, and math placement assessments.

Graduation Requirements

- 1 Minimum 32 credits with a cumulative GPA of 2.0 or above.
- 2 *Average of 2.0 ("C") or above for these major courses.
- 3 Complete 890-155 Gateway to Success (G2S) in the first semester.

For a complete list of Graduation Requirements, check the Student Handbook or [Graduation Requirements](#).

Notes

- 1 Safety glasses are required in labs. If prescription safety glasses are needed, allow at least 90 days before the program start to obtain prescription and glasses.
- 2 A student supplied tablet computer is required for all 602 courses. Please contact the department prior to purchasing a computer for the minimum specification sheet.

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