Automotive Maintenance Technician (31-404-3)
Technical Diploma
Effective 2019/2020

The course sequence shown on this sheet is the recommended path to completion of the program and reflects how courses are regularly scheduled. Courses will be scheduled in the terms indicated here. Courses may be taken out of sequence as long as requisites are met.

√ Course Number | Course Title | Requisites | Notes | Credits | Terms Offered
--- | --- | --- | --- | --- | ---
602-130 * Auto Shop Essentials | | | | 3 | FA, SP
602-107 * Auto Service Fundamentals | Prereq: 602-130 | 4 | 2 | FA, SP
602-104 * Brake Systems | Prereq: 602-107; 130 | 4 | 3 | FA, SP
602-124 * Steering & Suspension Systems | Prereq: 602-107; 130 | 4 | 3 | FA, SP
804-135 Quantitative Reasoning | Prereq: 834-109 | 1 | 3 | FA, SP, SU
801-136 English Composition 1 | Prereq: 831-103 | 1,4 | 3 | FA, SP, SU
602-125 * Electrical & Electronic Systems 1 | Prereq: 602-107; 130 | Coreq: 804-135 | 4 | 2 | FA, SP
602-127 * Electrical & Electronic Systems 2 | Prereq: 602-125 | Coreq: 801-136 | 3 | FA, SP
602-196 * Climate Control Systems | Prereq: 602-127 | 4 | 3 | FA, SP
602-204 * Engine Repair 1 | Prereq: 602-107; 130 | 4 | 3 | FA, SP
801-196 Oral/Interpersonal Communication | Prereq: 838-105 | 1 | 3 | FA, SP, SU

Minimum Program Total Credits Required 31

= Milestone Course. Faculty have identified this course as providing a strong foundation for your success throughout the program. Courses should be taken in the order shown to help you stay on track and graduate on time.

Students interested in continuing into the 10-602-3 Automotive Technology program can earn their associate degree by completing an additional 34 credits. Please see your academic advisor for details.

Federal regulations require disclosure of the following information for this program:

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>$4,071</td>
<td>$5,979</td>
<td>44%</td>
<td>Automotive Service Technicians and Mechanics (49-3023)</td>
</tr>
</tbody>
</table>

2 On-time Graduation Rate: Dependent upon students’ choice to attend college part-time or full-time. Students decide to attend college part-time for a number of reasons including work schedule/demands and family responsibilities. 76 percent of students at Gateway attend part-time, therefore taking longer to complete their chosen program of study.
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.

Core Abilities
Gateway's nine core abilities are the general attitudes and skills promoted and assessed by all programs. All Gateway graduates will be able to:
1. Act responsibly.
2. Communicate clearly and effectively.
3. Demonstrate essential computer skills.
4. Demonstrate essential mathematical skills.
5. Develop job seeking skills.
6. Respect themselves and others as members of a diverse community.
7. Think critically and creatively.
8. Work cooperatively.

Admission Requirements
1. Students must submit an application & $30 fee.
2. Students must complete reading, writing, and math skills placement assessments.
3. Students must submit official high school, GED, or HSED transcript.

Graduation Requirements
1. Minimum 31 credits with an average of 2.0 or above.
2. *Average of 2.0 (“C”) or above for these major courses.
For a complete list of Graduation Requirements, check the Student Handbook.

Program Offerings

<table>
<thead>
<tr>
<th>Days</th>
<th>Location(s)</th>
<th>Starting Term(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Evenings</td>
<td>Horizon Center</td>
<td>FA, SP</td>
</tr>
</tbody>
</table>

Notes
1. A satisfactory placement test score (or successful remediation) is required prior to enrollment. See an advisor for details.
2. 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.
3. 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.
4. A credit for prior learning assessment is available for this course. For more information, please contact cfpl@gtc.edu.

Gateway Technical College reserves the right to modify curriculum requirements for students who interrupt enrollment for a period of two years or take over seven years to complete. Tuition and material fees are determined by the board of the Wisconsin Technical College System. Consult Web Advisor for exact fee amounts. Occasionally, the District may offer a particular course out of published sequence. By doing so, the District does not obligate itself to offer succeeding courses out of published sequence.

EQUAL OPPORTUNITY EMPLOYER AND EDUCATOR/EMPLEADOR Y EDUCADOR QUE OFRECE IGUALDAD DE OPORTUNIDADES