**PROGRAM OF STUDY:**
General Automotive Technology

This Program of Study may serve as a graduation guide for the next four plus years, along with other career planning and educational materials. Courses listed in this model may include recommended coursework and should be individualized to students’ educational and career goals. Each graduation plan needs to meet minimum high school graduation requirements. Dual Enrollment courses can be high school academic and/or career technical education courses.

<table>
<thead>
<tr>
<th>COURSE/ GRADE</th>
<th>SECONDARY:</th>
<th>POSTSECONDARY:</th>
<th>BACHELOR OF SCIENCE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>NINTH</td>
<td>TENTH</td>
<td>ELEVENTH</td>
</tr>
<tr>
<td>ENGLISH</td>
<td>9th grade Lit/ Composition</td>
<td>10th grade Lit/ Composition</td>
<td>American Lit/ Composition</td>
</tr>
<tr>
<td>MATHMATICS</td>
<td>Coordinate Algebra / Algebra I</td>
<td>Analytic Geometry / Geometry</td>
<td>Advanced Algebra / Algebra II</td>
</tr>
<tr>
<td>SCIENCE</td>
<td>Physical Science</td>
<td>Biology</td>
<td>Chemistry</td>
</tr>
<tr>
<td>SOCIAL STUDIES</td>
<td>World History</td>
<td>Psychology</td>
<td>US History</td>
</tr>
<tr>
<td>PATHWAY COMPLETER</td>
<td>Automotive Technology 1</td>
<td>Automotive Technology 2</td>
<td>Automotive Technology 3</td>
</tr>
</tbody>
</table>

**INDUSTRY RECOGNIZED CREDENTIAL (PATHWAY COMPLETER)**

- Visit the End of Pathway Assessment Page (see note below)

**REQUIRED/ SELECTIVE ELECTIVES**

- Health & Personal Fitness (can be taken in grades 9-12)
- Introduction to Business and Technology
- Entrepreneurship
- Financial Literacy
- Modern Language/Latin

2 units required for admissions to Georgia University System Colleges/Universities. For a listing of Modern Language/Latin courses offered at your high school, please check with your advisor, counselor, or curriculum handbook.

**OTHER ELECTIVES**

- For a listing of other elective courses offered at your high school, please check with your advisor, counselor, or curriculum handbook.

**NOTE:** Students have many options to ENTER and EXIT from their academic studies into the workforce. When a student graduates from high school, they are eligible to choose one of many ENTRANCE POINT options: 1. Enroll in either a 2 or 4 year post-secondary program; 2. Enroll in an apprenticeship program or the military; or 3. Enter the workforce using technical skills learned in high school. When a student finishes a 2- or 4-year degree program, they may choose to EXIT 1. Enroll in an apprenticeship program or the military; 2. Enroll in a professional university degree program; or 3. Enter the workforce using technical skills learned.

**GENERAL AUTOMOTIVE TECHNOLOGY CAREER PATHWAY COMPLETERS - INDUSTRY CREDENTIALING FOR HIGH SCHOOL STUDENTS**

Upon completion of sequenced courses in the General Automotive Technology Pathway, students are eligible to complete the Industry-Recognized student credential for fulfillment of the End of Pathway Assessment. Secondary students completing the General Automotive Technology pathway will be able to sit for the National Industry Credentialed assessment offered on-line from ASE. Once mastery is reached, students will receive recognition for completion and use this credential in conjunction with their job or continuing training. For specific assessment information, refer to: http://bit.ly/GATDL.
### Sample In Demand Careers in Georgia

<table>
<thead>
<tr>
<th>Occupation Specialties</th>
<th>Level of Education Needed</th>
<th>Georgia Average Salary</th>
<th>Annual Average Openings in Georgia</th>
<th>2014 – 2024 Employment Outlook</th>
</tr>
</thead>
<tbody>
<tr>
<td>Automobile Technicians &amp; Mechanics</td>
<td>Diploma, Industry Credential</td>
<td>$49,637</td>
<td>145</td>
<td>In Demand, High Skill</td>
</tr>
<tr>
<td>Automotive Master Mechanics</td>
<td>Postsecondary Credentials</td>
<td>$40,430</td>
<td>1,980</td>
<td>In Demand, High Skill</td>
</tr>
<tr>
<td>Automotive Specialty Technicians</td>
<td>Postsecondary Credentials</td>
<td>$40,340</td>
<td>2,360</td>
<td>In Demand, High Skill</td>
</tr>
<tr>
<td>Automotive Body and Related Repairers</td>
<td>High School Diploma</td>
<td>$44,937</td>
<td>553</td>
<td>In Demand, High Skill</td>
</tr>
</tbody>
</table>

**Postsecondary Transition**

- University System of Georgia Institutions: Admissions Testing
  - ACT or SAT
  - For More Information: Contact the institution of your choice OR
- Technical College System of Georgia
  - Placement Exam
- United States Military
  - ASVAB Assessment
- Use BRIDGE Law platform to inform decisions on postsecondary opportunities
- Dual Enrollment
  - Earning high school course credits while taking college courses

**Earning Postsecondary Credits While in High School**

- Dual Enrollment Program
- Earn postsecondary credit while in high school
- You can complete
  - Industry Credential
  - Technical Certificate of Credit (TCC)
- Associates of Applied Science Degree
- Bachelor’s Degree
- Who can help?
- Parents
- School Counselor
- Advisor

**Career-Related Education Activities**

- Career Awareness
- Career Exploration
- Instructional Related
- Connecting
- Work-Based Learning
- Employability Skill Dev.
- Cooperative Education
- Internship
- Youth Apprenticeship
- Clinicals

**Postsecondary Options:**

- 4-Year Universities/Colleges
- 2-Year Colleges
- Technical Colleges
- State Registered Apprenticeships
- Special Purpose Schools
- On-the-Job Training
- Military

**Other Related Occupations**

- Master Automobile Service Technicians
- Collision Repairers
- Small Engine Repairers
- ONET Online

**Related Pathway Occupations**

- Master Automobile Service Technician offered by the National Institute for Automobile Service Excellence (ASE) in collaboration with NATEF/AYES/SkillsUSA. Students completing the Master Automobile Service Technician pathway may take the end of pathway assessment in Automobile Maintenance & Light Repair offered by the National Institute for Automobile Service Excellence (ASE) in collaboration with NATEF/AYES/SkillsUSA. Students completing the Master Automobile Service Technician pathway may take the end of pathway assessment in Master Automobile Service Technician offered by the National Institute for Automobile Service Excellence (ASE) in collaboration with NATEF/AYES/SkillsUSA.

Most automobile service technicians and mechanics work in well-ventilated and well-lit repair shops. Although mechanical problems can often be fixed with computers, technicians perform many tasks with greasy parts and tools, while sometimes in uncomfortable positions. Service technicians work on traditional mechanical components, such as engines, transmissions, belts, and hoses. However, they must also be familiar with a growing number of electronic systems. Braking, transmission, and steering systems, for example, are controlled primarily by computers and electronic components. Other integrated electronic systems, such as accident-avoidance sensors, are becoming common as well. In addition, a growing number of technicians are required to work on vehicles that run on alternative fuels, such as ethanol and electricity.

Some employers prefer automobile service technicians and mechanics who have completed a formal training program in a postsecondary institution. Industry certification is usually required once the person is employed. Students may also consider state-registered apprenticeships for additional training after high school. http://www.doleta.gov/oa/ Employment of automobile service technicians and mechanics is expected to grow 17 percent from 2014 to 2024, about as fast as the average for all occupations. Job opportunities for qualified jobseekers should be very good.