ENGINE PERFORMANCE SPECIALIST CERTIFICATE: 160A
Total Credits: 23
Catalog Edition: 2022-2023

Program Description
(R): 160A
This certificate curriculum prepares individuals for employment in the automotive service industry as an engine performance and repair technician. The curriculum also prepares individuals for ASE A-1 (Engine Repair), A-8 (Engine Performance), and L-1 (Advanced Engine Performance) automobile technician certification exams. Credits may be applied to the automotive technology AAS.

Program Outcomes
Upon completion of this program a student will be able to:

• Obtain gainful employment in the automotive service and repair (or a related) industry.
• Complete successfully the following National Institute for Automotive Service Excellence (ASE) automobile technician certification exams: A-1 (Engine Repair), A-8 (Engine Performance), and L-1 (Advanced Engine Performance Specialist).

Program Advisors
Rockville
• Prof. Michael Carretta, 240-567-4121, Michael.Carretta@montgomerycollege.edu

For more information, please visit https://www.montgomerycollege.edu/academics/programs/automotive-technology/engine-performance-specialist-certificate.html

To view the Advising Worksheet, please visit https://www.montgomerycollege.edu/_documents/counseling-and-advising/advising-worksheets/current-catalog/160a.pdf

Program Advising Guide
An Academic Reference Tool for Students
2022-2023

160A
Program Requirements
A suggested course sequence for full-time students follows. All students should review this advising guide and consult an advisor.

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Second Semester</th>
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<tbody>
<tr>
<td>AUTO 101 - Introduction to Automotive Technology 3 semester hours</td>
<td>AUTO 111 - Engine Repair 4 semester hours</td>
</tr>
<tr>
<td>AUTO 161 - Automotive Electricity I 4 semester hours</td>
<td>AUTO 282 - Engine Performance II 4 semester hours</td>
</tr>
<tr>
<td>AUTO 180 - Basic Engine Performance 4 semester hours</td>
<td>AUTO 283 - Engine Performance III 4 semester hours</td>
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</tbody>
</table>

Total Credit Hours: 23
**Transfer Opportunities**
Montgomery College has partnerships with multiple four-year institutions and the tools to help you transfer. To learn more, please visit [https://www.montgomerycollege.edu/transfer](https://www.montgomerycollege.edu/transfer) or [http://artsys.usmd.edu](http://artsys.usmd.edu).

**Get Involved at MC!**
Employers and Transfer Institutions are looking for experience outside the classroom.

MC Student Clubs and Organizations: [https://www.montgomerycollege.edu/life-at-mc/student-life/](https://www.montgomerycollege.edu/life-at-mc/student-life/)

**Related Careers**
Some require a Bachelor’s degree.

**Career Services**
Montgomery College offers a range of services to students and alumni to support the career planning process. To learn more, please visit [https://www.montgomerycollege.edu/career](https://www.montgomerycollege.edu/career)

**Career Coach**
A valuable online search tool that will give you the opportunity to explore hundreds of potential careers or job possibilities in Maryland and the Washington D.C. metropolitan area. Get started today on your road to a new future and give it a try. For more information, please visit [https://montgomerycollege.emsicc.com](https://montgomerycollege.emsicc.com)

**Notes:**