

## PATHWAYS

### Automotive Technology (A.A.S. Degree)

#### Diesel Technology Option

FALL 2020-SPRING 2021

#### REMEDIAL SEQUENCE (if required)

☐ ESL 1 (8) ▶ ☐ ESL 2 (6) ▶ ☐ ESL 3 (6) ▶ ☐ ENG 9 (4)

☐ ENG 11 (4) ▶ ☐ ENG 2 (4)

☐ RDL 1 (4) ▶ ☐ RDL 2 (6)

☐ MTH 1 (4) ▶ ☐ MTH 5 (6) ▶ ☐ MTH 6 (6)

☐ CHM 2 (4)

#### GRADUATION REQUIREMENT

☐ GPA ≥ 2.0 ☐ Writing Intensive 1 ☐ Writing Intensive 2

#### FRESHMAN SEMINAR

☐ FYS 11

<sup>1</sup>Students with prior ENG 1/RDL 1 placements (or English Proficiency Index < 50) will now take ENG 4 or RDL 4. Passing ENG 4 or RDL 4 will allow them to register for ENG 110.

<sup>2</sup>Reserved for students who have English remedial need, and enroll in ENG 2, RDL 2, or ENG 110 as a corequisite.

<sup>3</sup>3 credits of Humanities Restricted Electives must be selected to fulfill Pathways Flexible Core Areas B or C. In order to get the broadest college experience, it is advised that the Humanities elective be chosen from disciplines **OTHER THAN COMM, MEST, or HIS.**

<sup>4</sup>See Degree map at: <http://www.bcc.cuny.edu/academics/academic-advising/degree-maps/> for semester-by-semester sequence.

<sup>5</sup>Students are advised to complete ACS 10, 24, and 11 before taking ACS 12.

#### REQUIRED COMMON CORE

<input type="checkbox"/> A	English Composition ENG 110 <sup>1</sup> OR ENG 111; AND ENG 112	6
<input type="checkbox"/> C	Life and Physical Sciences CHM 11 General Chemistry OR CHM 17 Fundamentals of General Chemistry I	4
<b>Subtotal:</b>		<b>10</b>

#### FLEXIBLE COMMON CORE (Course list at: <http://www.bcc.cuny.edu/pathways/?p=Flexible-Common-Core>)

<input type="checkbox"/> A	World Cultures and Global Issues HIS 10 History of the Modern World OR HIS 11 <sup>2</sup> Introduction to the Modern World	3
<input type="checkbox"/> D	Individual and Society COMM 11 Fundamentals of Interpersonal Communication	3
<input type="checkbox"/> E	Scientific World PHY 11 College Physics I	4
<input type="checkbox"/> B or C	(3 credits of Humanities Restricted Electives) <sup>3</sup>	3
<b>Subtotal:</b>		<b>13</b>

#### MAJOR REQUIREMENTS<sup>4</sup>

<input type="checkbox"/> ACS 10	Introduction to Automotive Technology	1
<input type="checkbox"/> ACS 11	Engine Repair	4
<input type="checkbox"/> ACS 12 <sup>5</sup>	Brakes Systems <sup>5</sup>	3
<input type="checkbox"/> ACS 25 or ACS 38	Automatic/Manual Transmission and Drive Trains OR Advanced Vehicle Diagnostics	4
<input type="checkbox"/> ACS 23	Heating and Air Conditioning	3
<input type="checkbox"/> ASC 24	Electrical Systems	3
<input type="checkbox"/> ACS 35 OR ACS 36	Alternate Fuel Technology OR Hybrid/Electric Vehicles	3
<input type="checkbox"/> ART 10 OR MUS 10 OR ACS 50	Art Survey OR Music Survey OR Automotive Technology Internship	1
<input type="checkbox"/> ELC 15	Computer Applications in Technology	2
<input type="checkbox"/> MTH 13	Trigonometry and College Algebra	3
<input type="checkbox"/> PEA OR WFA 10	Physical Education OR Workplace First Aid	1
<b>Diesel Technology Option Requirements</b>		
<input type="checkbox"/> ACS 45	Diesel Technology	3
<input type="checkbox"/> ACS 46	Diesel Engine Performance	3
<input type="checkbox"/> ACS 47	Air Brakes and Suspension	3
<b>Subtotal:</b>		<b>37</b>
<b>TOTAL:</b>		<b>60</b>