

# PATHWAYS

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

FALL 2021-SPRING 2022

### REMEDIAL SEQUENCE (if required)

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

ENG 11 (4) ▶▶  ENG 21 (4)

RDL 11 (4) ▶▶  RDL 21 (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>ENG 1/ENG 2 & RDL 1/RDL 2 are no longer available. Students with ENG/RDL remedial needs will now enroll in corequisite course ENG 100 (If English Proficiency Index < 50), or ENG 110 (If English Proficiency Index = 50-64).

<sup>2</sup>Reserved for students who have English remedial need, and enroll in 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 I & II	6
<input type="checkbox"/> A	ENG 100 <sup>1</sup> OR ENG 110 <sup>1</sup> OR ENG 111; AND ENG 112	
<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>Automotive Technology Option Requirements</b>		
<input type="checkbox"/> ACS 13	Engine Performance	3
<input type="checkbox"/> ACS 45	Diesel Technology	3
<input type="checkbox"/> ACS 21	Steering and Suspension Systems	3
<b>Subtotal:</b>		<b>37</b>
<b>TOTAL:</b>		<b>60</b>