

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 1¹ (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

¹Students 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.

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

³3 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.**

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

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

REQUIRED COMMON CORE

<input type="checkbox"/> A	English Composition ENG 110 ¹ 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
Subtotal:		10

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 ² 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) ³		3
Subtotal:		13

MAJOR REQUIREMENTS⁴

<input type="checkbox"/> ACS 10	Introduction to Automotive Technology	1
<input type="checkbox"/> ACS 11	Engine Repair	4
<input type="checkbox"/> ACS 12 ⁵	Brakes Systems ⁵	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
Diesel Technology Option Requirements		
<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
Subtotal:		37
TOTAL:		60