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 1 (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

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
☐ A English Composition
   ENG 110 OR ENG 111; AND ENG 112
   6

☐ 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)

☐ A World Cultures and Global Issues
   HIS 10 History of the Modern World OR HIS 11 Introduction to the Modern World
   3

☐ D Individual and Society
   COMM 11 Fundamentals of Interpersonal Communication
   3

☐ E Scientific World
   PHY 11 College Physics I
   4

☐ B or C (3 credits of Humanities Restricted Electives)
   3

Subtotal: 13

MAJOR REQUIREMENTS

☐ ACS 10 Introduction to Automotive Technology
   1

☐ ACS 11 Engine Repair
   4

☐ ACS 12 Brakes Systems
   3

☐ ACS 25 or ACS 38 Automatic/Manual Transmission and Drive Trains OR Advanced Vehicle Diagnostics
   4

☐ ACS 23 Heating and Air Conditioning
   3

☐ ASC 24 Electrical Systems
   3

☐ ACS 35 OR ACS 36 Alternate Fuel Technology OR Hybrid/Electric Vehicles
   3

☐ ART 10 OR MUS 10 OR ACS 50 Art Survey OR Music Survey OR Automotive Technology Internship
   1

☐ ELC 15 Computer Applications in Technology
   2

☐ MTH 13 Trigonometry and College Algebra
   3

☐ PEA OR WFA 10 Physical Education OR Workplace First Aid
   1

Diesel Technology Option Requirements

☐ ACS 45 Diesel Technology
   3

☐ ACS 46 Diesel Engine Performance
   3

☐ ACS 47 Air Brakes and Suspension
   3

Subtotal: 37

TOTAL: 60