

PATHWAYS

Automotive Technology (A.A.S. Degree)

Diesel Technology Option

FALL 2018-SPRING 2019

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

CAT-R CAT-W CAT-M GPA ≥ 2.0

Writing Intensive 1 Writing Intensive 2

FRESHMAN SEMINAR

FYS 11

¹Students are advised to complete ACS 10, 24, and 11 before taking ACS 12.

REQUIRED COMMON CORE

| | | |
|----------------------------|--|-----------|
| <input type="checkbox"/> A | English Composition ENG 110 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 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"/> A-D | (3 credits of Humanities Restricted Elective must be selected to fulfill Pathways Flexible Core Requirements. Choose one course from Flexible Core Areas A through D). | 3 |
| Subtotal: | | 13 |

MAJOR REQUIREMENTS

| | | |
|---|--|-----------|
| <input type="checkbox"/> ACS 10 | Introduction to Automotive Technology | 1 |
| <input type="checkbox"/> ACS 11 | Engine Repair | 4 |
| <input type="checkbox"/> ACS 12 | Brakes Systems ¹ | 3 |
| <input type="checkbox"/> ACS 22 OR ACS 38 | Automatic Transmission and Transaxle 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 |