PATHWAYS
Automotive Technology (A.A.S. Degree)
Diesel Technology Option
FALL 2016-SPRING 2017

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)

REQUIRED COMMON CORE
- A English Composition
  - ENG 10 OR ENG 11; AND ENG 12
- C Life and Physical Sciences
  - CHM 11 General Chemistry OR CHM 17 Fundamentals of General Chemistry I

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
- D Individual and Society
  - COMM 11 Fundamentals of Interpersonal Communication
- E Scientific World
  - PHY 11 College Physics I
- 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).

GRADUATION REQUIREMENT
- CAT-R
- CAT-W
- CAT-M
- GPA ≥ 2.0
- Writing Intensive 1
- Writing Intensive 2

FRESHMEN SEMINAR
- FYS 11 / OCD 1

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

MAJOR REQUIREMENTS
- ACS 10 Introduction to Automotive Technology
- ACS 11 Engine Repair
- ACS 12 Brakes Systems
- ACS 22 Automatic Transmission and Transaxle
- ACS 23 Heating and Air Conditioning
- ASC 24 Electrical Systems
- ACS 35 or ACS 36 Alternate Fuel Technology OR Hybrid/Electric Vehicles
- ART 10 or MUS 10 Art Survey OR Music Survey
- ELC 15 Computer Applications in Technology
- MTH 13 Trigonometry and College Algebra
- PEA or WFA 10 Physical Education OR Workplace First Aid

Diesel Technology Option Requirements
- ACS 45 Diesel Technology
- ACS 46 Diesel Engine Performance
- ACS 47 Air Brakes and Suspension

Subtotal: 60