

PATHWAYS

Automotive Technology (A.A.S. Degree)

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.

²Students are advised to complete ACS 14 before taking ACS 22.

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
☐ 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

☐ ACS 10	Introduction to Automotive Technology	1
☐ ACS 11	Engine Repair	4
☐ ACS 12	Brakes Systems ¹	3
☐ ACS 22 or ACS 38	Automatic Transmission and Transaxle ² 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
Automotive Technology Option Requirements		
☐ ACS 13	Engine Performance	3
☐ ACS 14 OR ACS 45	Manual Drive Train and Axles OR ACS 45 Diesel Technology	3
☐ ACS 21	Steering and Suspension Systems	3
Subtotal:		37
TOTAL:		60