

PATHWAYS

Automotive Technology (A.A.S. Degree)

Automotive Technology Option

FALL 2015-SPRING 2016

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

FRESHMEN SEMINAR

FYS 11 / OCD 1

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

<input type="checkbox"/> A	English Composition ENG 10 OR ENG 11; AND ENG 12	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

REQUIRED AREA OF STUDY

<input type="checkbox"/> MTH 13	Trigonometry and College Algebra	3
<input type="checkbox"/> PEA or WFA 10	Physical Education OR Workplace First Aid	1
<input type="checkbox"/> ART 10 or MUS 10	Art Survey OR Music Survey	1
<input type="checkbox"/> ELC 15	Computer Applications in Technology	2
Subtotal:		7

SPECIALIZATION 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	Automatic Transmission and Transaxle ²	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
Subtotal:		21

AUTOMOTIVE TECHNOLOGY OPTION REQUIREMENTS

<input type="checkbox"/> ACS 13	Engine Performance	3
<input type="checkbox"/> ACS 14 ¹	Manual Drive Train and Axles	3
<input type="checkbox"/> ACS 21	Steering and Suspension Systems	3
Subtotal:		9
TOTAL:		60