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 Systems1 3 ACS 22 or ACS 38 Automatic Transmission and Transaxle2 OR Advanced Vehicle Diagnostics 4 ACS 23 Heating and Air Conditioning 3 ACS 23 Heating and Air Conditioning 3 ACS 24 Electrical Systems 3 ACS 35 OR ACS Alternate Fuel Technology OR Hybrid/Electric Vehicles 3 ART 10 OR MUS Art Survey OR Music Survey OR Automotive Technology Internship 1 10 OR ACS 50 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 3 3 ACS 13 Engine Performance 3 ACS 14 OR ACS Manual Drive Train and Axles OR ACS 45 Diesel Technology 3 45 Subtotal: 37 ACS 21 Steering and Suspension Systems 3 50 TOTAL: 60	MAJUR REQUIREMENTS	5	
ACS 12 Brakes Systems1 3 ACS 22 or ACS 38 Automatic Transmission and Transaxle2 OR Advanced Vehicle Diagnostics 4 ACS 23 Heating and Air Conditioning 3 ASC 24 Electrical Systems 3 ACS 35 OR ACS Alternate Fuel Technology OR Hybrid/Electric Vehicles 3 ART 10 OR MUS Art Survey OR Music Survey OR Automotive Technology Internship 1 10 OR ACS 50 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 3 3 ACS 13 Engine Performance 3 ACS 14 OR ACS Manual Drive Train and Axles OR ACS 45 Diesel Technology 3 ACS 21 Steering and Suspension Systems 3	ACS 10	Introduction to Automotive Technology	1
ACS 22 or ACS 38 Automatic Transmission and Transaxle ² OR Advanced Vehicle Diagnostics 4 ACS 23 Heating and Air Conditioning 3 ACS 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 3 3 ACS 13 Engine Performance 3 ACS 14 OR ACS Manual Drive Train and Axles OR ACS 45 Diesel Technology 3 4 ACS 21 Steering and Suspension Systems 3	ACS 11	Engine Repair	4
ACS 23 Heating and Air Conditioning 3 ASC 24 Electrical Systems 3 ACS 35 OR ACS Alternate Fuel Technology OR Hybrid/Electric Vehicles 3 ART 10 OR MUS Art Survey OR Music Survey OR Automotive Technology Internship 1 10 OR ACS 50 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 3 ACS 13 Engine Performance 3 ACS 14 OR ACS Manual Drive Train and Axles OR ACS 45 Diesel Technology 3 45	ACS 12	Brakes Systems ¹	3
ASC 24 Electrical Systems 3 ACS 35 OR ACS Alternate Fuel Technology OR Hybrid/Electric Vehicles 3 ART 10 OR MUS Art Survey OR Music Survey OR Automotive Technology Internship 1 10 OR ACS 50 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 3 ACS 14 OR ACS Manual Drive Train and Axles OR ACS 45 Diesel Technology 3 45 Steering and Suspension Systems 3	ACS 22 or ACS 38	Automatic Transmission and Transaxle ² OR Advanced Vehicle Diagnostics	4
ACS 35 OR ACS Alternate Fuel Technology OR Hybrid/Electric Vehicles 3 ART 10 OR MUS Art Survey OR Music Survey OR Automotive Technology Internship 1 OR ACS 50 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 3 ACS 13 Engine Performance 3 ACS 14 OR ACS Manual Drive Train and Axles OR ACS 45 Diesel Technology 3 ACS 21 Steering and Suspension Systems 3	ACS 23	Heating and Air Conditioning	3
36 ART 10 OR MUS Art Survey OR Music Survey OR Automotive Technology Internship 1 10 OR ACS 50 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 3 ACS 13 Engine Performance 3 ACS 14 OR ACS Manual Drive Train and Axles OR ACS 45 Diesel Technology 3 45 Steering and Suspension Systems 3	ASC 24	Electrical Systems	3
10 OR ACS 50 2 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 3 ACS 13 Engine Performance 3 ACS 14 OR ACS Manual Drive Train and Axles OR ACS 45 Diesel Technology 3 ACS 21 Steering and Suspension Systems 3 Subtotal: 37		Alternate Fuel Technology OR Hybrid/Electric Vehicles	3
Image: Market Processing and College Algebra 3 Image: Market Processing and College Algebra 3 Image: PEA OR WFA 10 Physical Education OR Workplace First Aid 1 Automotive Technology Option Requirements 1 Image: ACS 13 Engine Performance 3 Image: ACS 14 OR ACS Manual Drive Train and Axles OR ACS 45 Diesel Technology 3 Image: ACS 21 Steering and Suspension Systems 3 Image: Subtotal: 37		Art Survey OR Music Survey OR Automotive Technology Internship	1
PEA OR WFA 10 Physical Education OR Workplace First Aid 1 Automotive Technology Option Requirements 3 ACS 13 Engine Performance 3 ACS 14 OR ACS Manual Drive Train and Axles OR ACS 45 Diesel Technology 3 45 3 ACS 21 Steering and Suspension Systems 3 Subtotal: 37	ELC 15	Computer Applications in Technology	2
Automotive Technology Option Requirements ACS 13 Engine Performance 3 ACS 14 OR ACS Manual Drive Train and Axles OR ACS 45 Diesel Technology 3 45	MTH 13	Trigonometry and College Algebra	3
ACS 13 Engine Performance 3 ACS 14 OR ACS Manual Drive Train and Axles OR ACS 45 Diesel Technology 3 ACS 21 Steering and Suspension Systems 3 Subtotal: 37	PEA OR WFA 10	Physical Education OR Workplace First Aid	1
ACS 14 OR ACS Manual Drive Train and Axles OR ACS 45 Diesel Technology 3 45 Steering and Suspension Systems 3 Subtotal: 37	Automotive Technology	y Option Requirements	
45 45 ACS 21 Steering and Suspension Systems 3 Subtotal: 37	🗌 ACS 13	Engine Performance	3
Subtotal: 37		Manual Drive Train and Axles OR ACS 45 Diesel Technology	3
	ACS 21	Steering and Suspension Systems	3
TOTAL: 60		Subtotal:	37
		TOTAL:	60

