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)						
GRADUATION REQUIREMENT						
☐ CAT-R	☐ CAT-W	☐ CAT-M	☐ GPA ≥ 2.0			
☐ Writing Intensive 1 ☐ Writing Intensive 2		2				
FRESHMEN SEMINAR FYS 11 / OCD 1						
Ш1161170001						

REQUIRED COMMON CORE

English Composition		
⊔А	ENG 10 OR ENG 11; AND ENG 12	6
Пс	Life and Physical Sciences	
ПС	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)

TELNIBLE COMMON CORE (Codise list at. http://www.bcc.cury.edu/patitways/:p-riexible-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 12 Brakes Systems¹ 3 □ ACS 22 Automatic Transmission and Transaxle 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 Art Survey OR Music Survey 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 Diesel Technology Option Requirements 1 □ ACS 45 Diesel Technology 3 □ ACS 46 Diesel Engine Performance 3 □ ACS 47 Air Brakes and Suspension 3 Subtotal: 37	MAJON NEGOINEMENT		
□ ACS 12 Brakes Systems¹ 3 □ ACS 22 Automatic Transmission and Transaxle 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 Art Survey OR Music Survey 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 Diesel Technology Option Requirements 1 □ ACS 45 Diesel Technology 3 □ ACS 46 Diesel Engine Performance 3 □ ACS 47 Air Brakes and Suspension 3 Subtotal: 37	ACS 10	Introduction to Automotive Technology	1
ACS 22 Automatic Transmission and Transaxle 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 Art Survey OR Music Survey 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 Diesel Technology Option Requirements 3 ACS 45 Diesel Technology 3 ACS 46 Diesel Engine Performance 3 ACS 47 Air Brakes and Suspension 3 Subtotal: 37	ACS 11	Engine Repair	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 Art Survey OR Music Survey 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 Diesel Technology Option Requirements ACS 45 Diesel Technology 3 ACS 46 Diesel Engine Performance 3 ACS 47 Air Brakes and Suspension 3 Subtotal: 37	ACS 12	Brakes Systems ¹	3
ASC 24 Electrical Systems 3 ACS 35 or ACS 36 Alternate Fuel Technology OR Hybrid/Electric Vehicles 3 ART 10 or MUS 10 Art Survey OR Music Survey 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 Diesel Technology Option Requirements ACS 45 Diesel Technology 3 ACS 46 Diesel Engine Performance 3 ACS 47 Air Brakes and Suspension 3 Subtotal: 37	ACS 22	Automatic Transmission and Transaxle	4
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: 37	ACS 23	Heating and Air Conditioning	3
ART 10 or MUS 10 Art Survey OR Music Survey 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 Diesel Technology Option Requirements ACS 45 Diesel Technology 3 ACS 46 Diesel Engine Performance 3 ACS 47 Air Brakes and Suspension 3 Subtotal: 37	ASC 24	Electrical Systems	3
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 Diesel Technology Option Requirements ACS 45 Diesel Technology 3 ACS 46 Diesel Engine Performance 3 ACS 47 Air Brakes and Suspension 3 Subtotal: 37	ACS 35 or ACS 36	Alternate Fuel Technology OR Hybrid/Electric Vehicles	3
☐ MTH 13 Trigonometry and College Algebra 3 ☐ PEA or WFA 10 Physical Education OR Workplace First Aid 1 Diesel Technology Option Requirements 3 ☐ ACS 45 Diesel Technology 3 ☐ ACS 46 Diesel Engine Performance 3 ☐ ACS 47 Air Brakes and Suspension 3 Subtotal: 37	ART 10 or MUS 10	Art Survey OR Music Survey	1
□ PEA or WFA 10 Physical Education OR Workplace First Aid 1 Diesel Technology Option Requirements 3 □ ACS 45 Diesel Technology 3 □ ACS 46 Diesel Engine Performance 3 □ ACS 47 Air Brakes and Suspension 3 Subtotal: 37	☐ ELC 15	Computer Applications in Technology	2
Diesel Technology Option Requirements ACS 45 Diesel Technology 3 ACS 46 Diesel Engine Performance 3 ACS 47 Air Brakes and Suspension 3 Subtotal: 37	☐ MTH 13	Trigonometry and College Algebra	3
□ ACS 45 Diesel Technology 3 □ ACS 46 Diesel Engine Performance 3 □ ACS 47 Air Brakes and Suspension 3 Subtotal: 37	PEA or WFA 10	Physical Education OR Workplace First Aid	1
ACS 46 Diesel Engine Performance 3 ACS 47 Air Brakes and Suspension 3 Subtotal: 37	Diesel Technology Opt	tion Requirements	,
ACS 47 Air Brakes and Suspension 3 Subtotal: 37	ACS 45	Diesel Technology	3
Subtotal: 37	ACS 46	Diesel Engine Performance	3
	ACS 47	Air Brakes and Suspension	3
TOTAL: 60		Subtotal:	37
		TOTAL:	60



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