Automotive Technology (A.A.S. Degree)
FALL 2022-SPRING 2023

REMEDIAL SEQUENCE (if required)

☐ ESL 1 (8) ▶▶	☐ ESL 2 (6) ▶▶	☐ ESL 3 (6) ▶▶	☐ ENG 9 (4)

☐ ENG 1[1] (4) ▶▶	☐ ENG 2[1] (4)

☐ RDL 1[1] (4) ▶▶	☐ RDL 2[1] (6)

☐ MTH 1[2] (4) ▶▶	☐ MTH 5[2] (6) ▶▶	☐ MTH 6[2] (6)

☐ CHM 2 (4)

GRADUATION REQUIREMENT

☐ GPA ≥ 2.0	☐ Writing Intensive 1	☐ Writing Intensive 2

FRESHMAN SEMINAR

☐ FYS 11

[1]ENG 1/ENG 2 & RDL 1/RDL 2 are no longer offered. Students with ENG/RDL developmental need will now enroll in corequisite course ENG 100 (if English Proficiency Index is 0-49), **OR** ENG 110 (if English Proficiency Index is 50-64).

[2]MTH 1/MTH 5/MTH 6 are no longer offered. They have been replaced by MTH 28/28.5. Students who have successfully completed an elementary algebra math intervention at a CUNY college (e.g., Math Proficiency Workshop, CUNY Start Math, Math Start, or MTH 5) are eligible for MTH 28.

For MTH 28 enrollment, a new student must be CUNY Math Proficient, and will also have to meet one of the following criteria:

Mathematics high school GPA of at least 70 and successful completion of a course beyond Algebra 1, **OR** New York State Regents Trigonometry Score of at least 65, **OR** New York State Regents Common Core Algebra 2 Score of at least 65

[3]Student must enroll in ENG 110 in order to take HIS 11.

[4]3 credits of Humanities Restricted Electives must be selected to fulfill Pathways Flexible Core Areas B or C. In order to get the broadest college experience, it is advised that the Humanities elective be chosen from disciplines **OTHER THAN COMM, MEST, or HIS.**

[5]See Degree map at: http://www.bcc.cuny.edu/academics/academic-advising/degree-maps/ for semester-by-semester sequence.

[6]Students are advised to complete ACS 10, 24, and 11 before taking ACS 12.

REQUIRED COMMON CORE

☐ A ☐ A	**English Composition[1] I & II** ENG 100[1] **OR** ENG 110[1] **OR** ENG 111; **AND** ENG 112	6
☐ B	**Mathematical and Quantitative Reasoning[2]** MTH 28[2] College Algebra and Elementary Trigonometry **OR** MTH 28.5[2] **(Corequisite)**	3
☐ C	**Life and Physical Sciences** CHM 11 General Chemistry **OR** CHM 17 Fundamentals of General Chemistry I	4
	Subtotal:	13

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[3] 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
☐	**B or C (3 credits of Humanities Restricted Electives)[4]**	3
	Subtotal:	13

MAJOR REQUIREMENTS[5]

☐ ACS 10	Introduction to Automotive Technology	1
☐ ACS 11	Engine Repair	4
☐ ACS 12[6]	Brakes Systems[6]	3
☐ ACS 25 or ACS 38	Automatic/Manual Transmission and Drive Trains **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
☐ PEA **OR** WFA 10	Physical Education **OR** Workplace First Aid	1
Automotive Technology Option Requirements		
☐ ACS 13	Engine Performance	3
☐ ACS 45	Diesel Technology	3
☐ ACS 21	Steering and Suspension Systems	3
	Subtotal:	34
	TOTAL:	60