Automotive Technology (A.A.S. Degree) *
FALL 2023-SPRING 2024

Footnotes:

[1]Students with English Proficiency Index (EPI) of 0-49 enroll in corequisite course ENG 100. Students with EPI of 50-64 enroll in corequisite course ENG 110. Students with EPI of at least 65 (or other English proficiency qualification) enroll in ENG 111. Students with ESL need should take appropriate ESL course(s) (Sequence: ESL 01->02->03->09) before enrolling in ENG 110.

[2]Students are eligible to enroll in MTH 28 if they 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), or if they are CUNY Math proficient AND have the appropriate math background in high school. See the Mathematics Course Placement page in the College Catalog.

Students not eligible for MTH 28 or higher courses enroll in corequisite course MTH 28.5. However, note that students with Math Proficiency Index of 39 or lower are strongly encouraged to enroll in Math Start/CUNY Start.

[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.

*Note:
In order to apply for graduation, students must complete all required courses with appropriate grades, complete two writing intensive courses, and have a minimum GPA of 2.0.

REQUIRED COMMOM CORE

☐ A ☐ A	**English Composition I[1] & II** ENG 100[1] **OR** ENG 110[1] **OR** ENG 111[1]; **AND** ENG 112 **OR** ENG 113 **OR** ENG 114 **OR** ENG 115 **OR** ENG 116	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	4
	Subtotal:	**13**

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 (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 21	Steering and Suspension Systems	3
☐ ACS 23	Heating and Air Conditioning	3
☐ ASC 24	Electrical Systems	3
☐ ACS 36	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 25 or ACS 38	Automatic/Manual Transmission and Drive Trains **OR** Advanced Vehicle Diagnostics	4
☐ ACS 45	Diesel Technology	3
	Subtotal:	**34**
	TOTAL:	**60**