

Automotive Technology (A.A.S. Degree)

REMEDIAL/ESL SEQUENCE (if required)

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

ENG 1¹ (4) ▶▶ ENG 2¹ (4)

RDL 1¹ (4) ▶▶ RDL 2¹ (6)

MTH 1² (4) ▶▶ MTH 5² (6) ▶▶ MTH 6² (6)

CHM 2⁶ (4)

GRADUATION REQUIREMENTS

GPA ≥ 2.0 Writing Intensive 1 Writing Intensive 2

FRESHMAN SEMINAR

FYS 11

¹ENG 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).

²MTH 1/MTH 5/MTH 6 are no longer offered. STEM students who are CUNY Math Proficient, or have Math developmental need will now enroll in corequisite course MTH 28.5.

³For MTH 28 enrollment, CUNY Math Proficient STEM students 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.

⁴3 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.**

⁵For students who have also enrolled in ENG 110 as a corequisite course.

⁶CHM 2 is a pre-requisite for CHM 11 and CHM 17. You can place out of CHM 2 by taking a Chemistry Department administered Chemistry Placement Exam or by having scored 75 or higher on the NYS High School Regents Chemistry exam.

TWO-YEAR ACADEMIC PLAN

SEMESTER I Freshman

		Credits
<input type="checkbox"/> ACS 10	Intro to Automotive Technology (Major Requirement)	1
<input type="checkbox"/> ACS 24	Electrical Systems (Major Requirement)	3
<input type="checkbox"/> ACS 11	Engine Repair (Major Requirement)	4
<input type="checkbox"/> ENG 100 ¹ OR ENG 110 ¹ OR ENG 111	English Composition I ¹ (Required Core A)	3
<input type="checkbox"/> MTH 28 ^{2,3} OR MTH28.5	College Algebra and Elementary Trigonometry OR Corequisite (Required Core B) ^{2,3} .	3
Subtotal:		14

SEMESTER II Freshman

<input type="checkbox"/> ACS 12	Brake Systems (Major Requirement)	3
<input type="checkbox"/> ACS 13	Engine Performance (Major Requirement)	3
<input type="checkbox"/> ACS 21	Steering & Suspension Systems (Major Requirement)	3
<input type="checkbox"/> PHY 11	College Physics I (Flexible Core E)	4
<input type="checkbox"/> ENG 112 OR ENG 113 OR ENG 114 OR ENG 115 OR ENG 116	English Composition II: Writing and Rhetoric OR Writing about Literature OR Writing about Fiction OR Writing about Drama OR Writing about Poetry (Required Core A)	3
Subtotal:		16

SEMESTER III Sophomore

<input type="checkbox"/> ACS 23	Heating & Air Conditioning (Major Requirement)	3
<input type="checkbox"/> ACS 35 OR 36	Alternate Fuel Technology OR Hybrid/Electric Vehicles (Major Requirement)	3
<input type="checkbox"/> ACS 25 OR ACS 38	Automatic/Manual Transmission and Drive Trains OR Advanced Vehicle Diagnostics (Major Requirement)	4
<input type="checkbox"/> Flexible Core B OR C ⁴	Select one from Flexible Core B OR C ⁴	3
<input type="checkbox"/> ART 10 OR MUS 10 OR ACS 50	Art Survey OR Music Survey OR Automotive Technology Internship (Major Requirement)	1
<input type="checkbox"/> PEA OR WFA 10	Physical Education OR Workplace First Aid (Major Requirement)	1
Subtotal:		15

SEMESTER IV Sophomore

<input type="checkbox"/> ACS 45	Diesel Technology (Major Requirement)	3
<input type="checkbox"/> HIS 10 OR HIS 11 ⁵	History of the Modern World OR Introduction to the Modern World ⁵	3
<input type="checkbox"/> COMM 11	Fundamentals of Interpersonal Communication (Flexible Core D)	3
<input type="checkbox"/> CHM 11 ⁶ OR CHM 17 ⁶	General College Chemistry I ⁴ OR Fundamentals of General Chemistry ⁶ (Required Core C)	4
<input type="checkbox"/> ELC 15	Computer Applications in Technology (Major Requirement)	2
Subtotal:		15

TOTAL: 60