

Automotive Technology (A.A.S. Degree)

REMEDIAL SEQUENCE (if required)

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

ENG 1¹ (4) ▶▶ ENG 2 (4)

RDL 1 (4) ▶▶ RDL 2 (6)

MTH 1 (4) ▶▶ MTH 5 (6) MTH 6 (6)

CHM 2⁴ (4)

GRADUATION REQUIREMENTS

GPA ≥ 2.0 Writing Intensive 1 Writing Intensive 2

FRESHMAN SEMINAR

FYS 11

PATHWAYS REQUIRED CORE (course list available online)

<input type="checkbox"/> A	English Composition ENG 110/111 and ENG 112/113/114/115/116	6
<input type="checkbox"/> C	Life and Physical Sciences CHM 11 OR CHM 17	4

PATHWAYS FLEXIBLE CORE (course list available online)

<input type="checkbox"/> A	World Cultures and Global Issues HIS 10/11	3
<input type="checkbox"/> D	Individual and Society COMM 11	3
<input type="checkbox"/> E	Scientific World PHY 11	4
<input type="checkbox"/> B or C	Humanities Restricted Elective Select one from Flexible Core B or C ²	3

Pathways Total: 23

¹Students with prior ENG 1/RDL 1 placements (or English Proficiency Index < 50) will now take ENG 4 or RDL 4. Passing ENG 4 or RDL 4 will allow them to register for ENG 110.

²3 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.**

³Reserved for students who have English remedial need, and enroll in ENG 2, RDL 2, or ENG 110 as a corequisite.

⁴CHM 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 110 ¹ OR ENG 111	Fundamentals of Writing and Rhetoric ¹ OR English Composition I: Writing and Rhetoric (Required Core A)	3
<input type="checkbox"/> MTH 13	Trigonometry & College Algebra (Major Requirement)	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 ²	Select one from Flexible Core B OR C ²	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 ³	History of the Modern World OR Introduction to the Modern World ³	3
<input type="checkbox"/> COMM 11	Fundamentals of Interpersonal Communication (Flexible Core D)	3
<input type="checkbox"/> CHM 11 ⁴ OR CHM 17 ⁴	General College Chemistry I ⁴ OR Fundamentals of General Chemistry ⁴ (Required Core C)	4
<input type="checkbox"/> ELC 15	Computer Applications in Technology (Major Requirement)	2
Subtotal:		15

TOTAL: 60