



A Major Academic Plan (MAP) is one way to complete a degree in a set number of semesters. The *example* below is only one strategy. Actual plans for individual students will vary based on advisor recommendations and academic needs. Official Program Requirements including Major, General Education, Electives, and university requirements (see pg.2) are based on Catalog Year.

Course Subject and Title	Cr.	Min. Grade	*GE, UU or UM	**Sem. Offered	Prerequisite	Co-Requisite
Semester One						
AUTM 1100E: Electrical Systems	3	C		F	Minimum score of 14 on ALEKS or equivalent	
AUTM 1100M: Engine Repair	3	C		F		
AUTM 1100S: Automotive Tech Fundamentals and Safety	2	C		F		
AUTM 1101: Advanced Engine Mechanical and Repair	4	C		F		
AUTM 1106: Brakes	4	C		F		
Total	16					
Semester Two						
AUTM 1102: Automotive Electrical	7	C		S		
AUTM 1105: Steering/Suspension	3	C		S		
AUTM 1107: Manual Drivetrains and Axles	3	C		S		
Total	13					
Semester Three						
AUTM 1103: Engine Performance	7	C		F		
AUTM 1108: Automatic Transmissions/Transaxles	3	C		F		
AUTM 1120: Automotive Heating and Air Conditioning	3	C		F		
Total	13					
Semester Four						
AUTM 1109: Live Work	7	C		S, Su	AUTM 1100E, 1100M, 1100S, 1101, 1102, 1105, 1106, 1120	
AUTM 2201: Advanced Electrical Systems	7	C		S, Su		
Total	14					

*GE=General Education Objective, UU=Upper Division University, UM= Upper Division Major

**See Course Schedule section of Course Policies page in the e-catalog (or input F, S, Su, etc.)

2025-2026 Major Requirements	CR	GENERAL EDUCATION OBJECTIVES Satisfy Objectives 1,2,3,4,5,6 (7 or 8) and 9	0 cr. min
MAJOR REQUIREMENTS	56	1. Written English	
AUTM 1100E: Electrical Systems	3		
AUTM 1100M: Engine Repair	3	2. Spoken English	
AUTM 1100S: Automotive Technology Fundamentals and Safety	2	3. Mathematics	
AUTM 1101: Advanced Engine Mechanical and Repair	4	4. Humanities, Fine Arts, Foreign Lang.	
AUTM 1102: Automotive Electrical	7		
AUTM 1103: Engine Performance	7		
AUTM 1105: Steering/Suspension	3	5. Natural Sciences	
AUTM 1106: Brakes	4		
AUTM 1107: Manual Drivetrains and Axles	3		
AUTM 1108: Automatic Transmission/Transaxles	3		
AUTM 1109: Live Work	7	6. Behavioral and Social Science	
AUTM 1120: Automotive Heating and Air Conditioning	3		
AUTM 2201: Advanced Electrical Systems	7		
		One Course from EITHER Objective 7 OR 8	
		7. Critical Thinking	
		8. Information Literacy	
		9. Cultural Diversity	
		General Education Elective to reach 36 cr. min. (if necessary)	
		Total GE	0
		Undergraduate Catalog and GE Objectives by Catalog Year	
		MAP Credit Summary	CR
		Major	56
		General Education	0
		Upper Division Free Electives to reach 36 credits	0
		Free Electives to reach 120 credits	0
		TOTAL	56
		Graduation Requirement Minimum Credit Checklist	Confirmed
		Minimum 36 cr. General Education Objectives (15 cr. AAS)	
		Minimum 15 cr. Upper Division in Major (0 cr. Associate)	
		Minimum 36 cr. Upper Division Overall (0 cr. Associate)	
		Minimum of 120 cr. Total (60 cr. Associate)	
Advising Notes		MAP Completion Status (for internal use only)	
			Date
		CAA or COT:	SF 05/12/2025
		Complete College American Momentum Year	
		Math and English course in first year-Specific GE MATH course identified	
		9 credits in the Major area in first year	
		15 credits each semester (or 30 in academic year)	
		Milestone courses	