



ASSOCIATE OF APPLIED SCIENCE

GENERAL MOTORS ASEP PROGRAM

The catalog in force is assigned to students based on the academic year they first applied to the college, and changes only when students change their major or request the change in writing. Refer to Policy No. 3357:15-13-28.

2024-25 Catalog
Effective Summer 2024

2251

Business, Engineering, and Information Technologies Division

Automotive and Transportation Department

TECHNICAL Course Number	Course Title	Credits	Pre- and Co-Requisites	Completed Sem./Year
AUT122	Automotive Systems and Engine Technology	4	AUT121	
AUT124	Vehicle Chassis Systems	4	AUT121	
AUT125	Automotive Electrical and Accessory Systems	4	AUT121	
AUT221	Fuel and Emissions Management Systems	3	AUT125	
AUT222	Engine System Performance Diagnosis	3	AUT125	
AUT223	Advanced Automotive Electronics	3	AUT125	
AUT227	Computerized Vehicle Control	3	AUT125	
AUT191	Automotive CO-OP 1	2		
AUT192	Automotive CO-OP 2	2		
AUT193	Automotive CO-OP 3	2		
AUT194	Automotive CO-OP 4	2		
Total		32		
NON-TECH Course Number	Course Title	Credits	Pre- and Co-Requisites	Completed Sem./Year
SSC101	Student Success Seminar^^	1	<i>Take first semester</i>	
AUT121	Automotive Technical Skills	2		
AUT123	Engine Diagnosis and Major Service	4	AUT121	
AUT126	Automotive HVAC Systems	2	AUT121	
AUT225	Automotive Drivetrain 1	3	AUT121	
AUT226	Automotive Drivetrain 2	3	AUT121	
ENG124	College Composition^	3	Co-ENG024 or Co-ENG011 or Proficiency	
ENG221	Technical Report Writing	3	ENG124	
MTH107 or MTH125	Industrial Math^ or College AlgebraΩ	3 or 4	<i>Check for prerequisites</i>	
BUS122	Basic Economics^	3	IDS102 or Proficiency	
PHL122	Ethics	3		
Total		30		
TOTAL CREDIT HOURS		62-63		

^Based upon SSC placement score

^^To promote student success, this course should be taken in the first semester

Ω MTH 125 College Algebra should be taken by students planning to transfer to a four-year university.

FULL-TIME STUDENT ADVISING NOTES

Academic Advising

Students should make an appointment to see their advisor before registering for classes each semester. They should have prepared a completed registration form, including courses they wish to take, prior to this meeting.

Course Sequence

The semester-by-semester listing below provides the normal scheduling option for full-time associate degree students who plan to finish in two years.

<u>First Semester</u>		<u>Credit Hours</u>	<u>Pre- and Co-requisites</u>
SSC101	Student Success Seminar^^	1	<i>Take first semester</i>
AUT121	Automotive Technical Skills	2	
AUT122	Automotive Systems and Engine Technology	4	AUT121
AUT191	Automotive CO-OP 1	2	
MTH107	Industrial Math^	3	
or	or	or	<i>Check for prerequisites</i>
MTH125	College AlgebraΩ	4	
		12-13	
<u>Second Semester</u>			
AUT124	Vehicle Chassis Systems	4	AUT121
AUT125	Automotive Electrical and Accessory Systems	4	AUT121
AUT192	Automotive CO-OP 2	2	
ENG124	College Composition^	<u>3</u>	Co-ENG024 or Co-ENG011 or Proficiency
		13	
<u>Summer Semester</u>			
AUT123	Engine Diagnosis and Major Service	4	AUT121
AUT126	Automotive HVAC Systems	2	AUT121
BUS122	Basic Economics^	<u>3</u>	IDS102 or Proficiency
		9	
<u>Third Semester</u>			
AUT221	Fuel and Emissions Management Systems	3	AUT125
AUT222	Engine Systems Performance Diagnosis	3	AUT125
AUT223	Advanced Automotive Electronics	3	AUT125
AUT193	Automotive CO-OP 3	2	
ENG221	Technical Report Writing	<u>3</u>	ENG124
		14	
<u>Fourth Semester</u>			
AUT227	Computerized Vehicle Control	3	AUT125
AUT225	Automotive Drivetrain 1	3	AUT121
AUT226	Automotive Drivetrain 2	3	AUT121
AUT194	Automotive CO-OP 4	2	
PHL122	Ethics	<u>3</u>	
		14	
	TOTAL CREDITS	62-63	

^Based upon SSC placement score

^^To promote student success, this course should be taken in the first semester

+Minimum grade of "B" required

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