

# Automotive Technology – AAS/ GM Automotive Service Educational Program

## Associate in Applied Science

Minimum of 66 Credits

Students interested in automotive technology can choose the Automotive Service Educational Program (ASEP) emphasis. ASEP students are each sponsored by a General Motors dealership. The students develop expertise in the latest technological advances in GM automotive engineering and service procedures. Students are guaranteed employment with their sponsors after graduating. Students are responsible for providing their own hand tools.

Course #	Course Name	Credits	Type	Prerequisites
<i>Suggested Freshman 1st Semester</i>				
AT 1314	GM ELECTRICAL SYSTEMS	4	Major	(R) (W) (M), Special admission procedures required
AT 1304	GM ENGINE REPAIR	4	Major	(R) (W) (M), Special admission procedures required
MGMT 2053	PRINCIPLES OF MANAGEMENT	3	Support	(R)
AT 2001	CAREER EXPERIENCE	1	Major	(R) (W) (M)
<i>Suggested Freshman 2nd Semester</i>				
AT 1334	GM BRAKES	4	Major	(R) (W) (M), Special admission procedures required
AT 1324	GM ENGINE PERFORMANCE	4	Major	(R) (W) (M), Special admission procedures required
AT 1422	GM NEW PRODUCTS I	2	Major	(R) (W) (M), Special admission procedures required
POLSC 1113	AMERICAN FEDERAL GOVERNMENT	3	Gen Ed	(R) (W)
AT 2001	CAREER EXPERIENCE	1	Major	(R) (W) (M)
<i>Suggested Sophomore 1st Semester</i>				
AT 2001	CAREER EXPERIENCE	1	Major	(R) (W) (M)
AT 2314	GM MANUAL DRIVE TRAINS	4	Major	(R) (W) (M), Special admission procedures required
AT 2304	GM SUSPENSION AND STEERING	4	Major	(R) (W) (M), Special admission procedures required
AT 2422	GM NEW PRODUCTS II	2	Major	(R) (W) (M), Special admission procedures required
MATH 1503	CONTEMPORARY MATHEMATICS --OR--		Gen Ed	(R) (W), MATH 0123 or adequate Math Placement Test Score, either within the last year.
MATH 1513	COLLEGE ALGEBRA --OR--		Gen Ed	(R), MATH 0123 or adequate Math Placement Test Score, either within the last year.
MATH 2013	INTRODUCTION TO STATISTICS	3	Gen Ed	(R), MATH 0123 or equivalent or adequate Math Placement Test Score, either within the last year.
<i>Suggested Sophomore 2nd Semester</i>				
AT 2001	CAREER EXPERIENCE	1	Major	(R) (W) (M)
AT 2324	GM AUTOMATIC TRANSMISSIONS AND TRANSAXLES	4	Major	(R) (W) (M), Special admission procedures required
AT 2334	GM HEATING AND AIR CONDITIONING SYSTEMS	4	Major	(R) (W) (M), Special admission procedures required
BUS 2033	BUSINESS COMMUNICATION	3	Gen Ed	(R) (W), ENGL 1113 or by Evaluation**
<i>Suggested Sophomore Summer Semester</i>				
AT 2101	A.S.E. CERTIFICATION	1	Major	(R)
ENGL 1113	ENGLISH COMPOSITION I	3	Gen Ed	(R) (W), Adequate reading and writing assessment scores or LS 0033 College Writing II, either taken within the last year, with strong encouragement for immediate continuation.
HIST 1483	U.S. HISTORY TO THE CIVIL WAR --OR--		Gen Ed	(R) (W)
HIST 1493	U.S. HISTORY SINCE THE CIVIL WAR	3	Gen Ed	(R) (W)
	CAREER EXPERIENCE	1	Major	(R) (W) (M)
AT 1013	AUTOMOTIVE STUDENT SUCCESS INITIATIVE	3	Major	

*Major Courses: (42 credit hours) Automotive Technology/GM Automotive Service Educational Program Emphasis: AT 1304; AT 1314; AT 1324; AT 1334; AT 1422; Five hours of AT 2001; AT 2101 AT 2304; AT 2314; AT 2324; AT 2334; AT 2422*

*General Education Courses: (18 credit hours) Math: MATH 1503, or MATH 1513, or MATH 2013; English: ENGL 1113; History: HIST 1483 or HIST 1493; Political Science: POLSC 1113; English/Communications Elective: ENGL 1113, or ENGL 1233, or COM 1123, or COM 2213; Business Communication: BUS 2033*

*Life Skills Courses: (3 credit hours) AT 1013*

*Support Courses: (6 credit hours) Principles of Management: MGMT 2053*

*Notes: This technical/occupational program is designed to prepare students to enter the job force following completion. See Technical/Occupational Programs in the general information section of the catalog.*