

Automotive Service Technology: GM ASEP
Program and Core Objectives Summary
 August 2005

OBJECTIVE TYPE & No.	OBJECTIVE DESCRIPTION	FORMATIVE ASSESSMENT	SUMMATIVE ASSESSMENT
Core 1	Effectively communicate electronically, verbally, and in writing	70% or higher on professional resume in ENGL 1033 Tech Writing I or essay/portfolio in ENGL 1113 Freshman Comp I	70% or higher on incident report in ENGL 2033 Tech Writing II or research paper ENGL 1213 Freshman Comp II
Core 2	Demonstrate logical, systematic problem-solving techniques	70% or higher on MATH 1513 College Algebra or MATH 2003 Business Math Comprehensive Exam	70% or higher on complete set of coursework and exams in AUMG 2782 Adv. Automotive Diagnostics
Core 3	Develop and display a sense of personal, social and professional ethics	70% or higher on Professional Interview Code of Ethics Analysis in PHIL 1213 Ethics	70% or higher on complete set of coursework and exams in AUMG 2595 Internship V
Core 4	Explain the cultural heritage and primary elements of the history and government of the U.S. and its people, especially as it impacts one's industry or field of study	70% or higher on HIST1483 U.S. History to 1865, HIST1493 U.S. History since 1865, or POLS1113 U.S. Government Comprehensive Exam	70% or higher on complete set of coursework and exams in POLS 1113 US Government
Core 5	Access and use technology appropriate to one's industry or field of study	70% or higher on GTIT 1133 Info Tech & Applications Comprehensive Exam	70% or higher on Final Project in AUMG 2682 GM Capstone
Program 1	Diagnose, service and repair automotive engines as it pertains to their mechanical performance	70% or higher on complete set of assignments and exams in GM Automotive Engines I AUMG 1122	70% or higher on complete set of assignments and exams in GM Automotive Engines II AUMG 1132
Program 2	Diagnose, service and repair automotive engines as it pertains to their fuel economy/emissions and drive-ability	70% or higher on mid-term exam in GM Auto Engine Performance AUMG 2582	70% or higher on complete set of assignments and exams in GM Auto Engine Performance AUMG 2582
Program 3	Diagnose, service and repair automatic transmissions and transaxles	70% or higher on complete set of assignments and exams in GM Auto Transmissions/Transaxles I AUMG 2522	70% or higher on complete set of assignments and exams in GM Auto Transmissions/Transaxles II AUMG 2632
Program 4	Diagnose, service and repair automotive manual drive trains and axles	70% or higher on complete set of assignments and exams in GM Automotive Manual Drive Train I AUMG 1272	70% or higher on complete set of assignments and exams in GM Auto Manual Drive Train II AUMG 1312
Program 5	Diagnose, service and repair automotive steering and suspension systems	70% or higher on complete set of assignments and exams in GM Auto Suspensions & Steering I AUMG 1292	70% or higher on complete set of assignments and exams in GM Auto Suspensions & Steering II AUMG 1322
Program 6	Diagnose, service and repair electrical systems and electronics	70% or higher on complete set of assignments and exams in GM Electrical Systems I AUMG 1302	70% or higher on complete set of assignments and exams in GM Electrical Systems II AUMG 1342
Program 7	Diagnose, service and repair automotive brakes	70% or higher on complete set of assignments and exams in GM Automotive Brake Systems I AUMG 1142	70% or higher on complete set of assignments and exams in GM Automotive Brake Systems II AUMG 1152
Program 8	Diagnose, service and repair automotive air conditioning and heating systems	70% or higher on complete set of assignments and exams in GM Automotive Heating & AC I AUMG 2532	70% or higher on complete set of assignments and exams in GM Automotive & AC II AUMG 2672

Note: Assessments in yellow areas are conducted in Arts & Sciences and in IT. Assessments in gray areas are conducted in Automotive Service Technology.