






The Academic Plan is a semester-by-semester plan for the full-time student. Part-time students should work with an advisor to customize the map to fit individual needs.

ACADEMIC PLAN			NOTES
Fall 1st Year		Cr Hrs	Semester 1
	AUT100 Automotive Shop Safety	1	AUT100 requires a WorkKeys score of 4 in all areas OR instructor permission. AUT100 is a prerequisite for all AUT courses.
	AUT131 Automotive Brake Systems	2	All AUT courses may have a pre-req, co-req, and/or require a "C" or better for some next semester course work
	AUT132 Automotive Brake Systems Lab	4	
	AUT141 Automotive Steering and Suspension Systems	3	
	AUT142 Automotive Steering and Suspension Systems	3	
	COL100 Freshman Sem: College to Work	1	COL100/101/136 and Reading Proficiency are pre-reqs for some next semester course
	MTH105 Industrial Math	3	
Total Hours		17	
Spring 1st Year			Semester 2
	AUT151 Automotive Engine Repair	1	All AUT courses may have a pre-req, co-req, and/or require a "C" or better for some next semester course work
	AUT152 Automotive Engine Repair Lab	3	
	AUT161 Intro to Engine Performance	1	
	AUT162 Intro to Engine Performance Lab	3	
	HST103 U.S. History I to Reconstruction	3	
	PHY101 Survey of Physical Science	5	
	ENG101 English Composition I	3	
	CIS125 Computer Concepts and Applications	3	CIS125 fulfills Computer Literacy graduation requirement
Total Hours		22	
Fall 2nd Year			Semester 3
	AUT201 Basic Electrical/Electronics Systems	4	All AUT courses may have a pre-req, co-req, and/or require a "C" or better for some next semester course work
	AUT202 Basic Electrical/Electronics Systems Lab	5	
	AUT211 Advanced Engine Performance	2	
	AUT212 Advanced Engine Performance Lab	3	
	AUT258 Automotive Industry Management	2	
	PSY101 General Psychology	3	
Total Hours		20	
Spring 2nd Year			Semester 4
	AUT221 Adv. Automotive Electrical/Electronics	2	
	AUT222 Adv. Automotive Electrical/Electronics Sys.	3	
	AUT231 Driveline Diagnosis and Service	2	
	AUT232 Driveline Diagnosis and Service Lab	3	
	AUT251 Automotive Heating/AC Systems	2	
	AUT252 Automotive Heating/AC Systems Lab	3	
	COM100 Fundamentals of Communication	3	
Total Hours		18	

Program Description: This program combines the study of college-level general education courses and extensive course work in automotive theory and lab classes designed to prepare graduates for entry level careers as technicians, service advisors, parts specialists and managers.

Admission Requirements: Enrollment in Automotive coursework requires a minimum level of academic preparation as demonstrated by successful completion of each of the following WorkKeys exam. In certain circumstances, program faculty may grant special permission.

WorkKeys Scores

- Applied Math = 4 or higher
- Workplace Documents or Reading for Information = 4 or higher
- Graphic Literacy or Locating Information = 4 or higher

Department Faculty Advisors: Gerard Uhls, Bradley Berrey

Associate Dean: Maryanne Angliongto

Employment Outlook/Median Salary*:

Career	Degree Level Required	** Growth	*** Median Annual Salary
Automotive Service Technician	High School Diploma, Associate's Degree Preferred	0%	\$44,050
Parts Salesperson	High School Diploma, Associate's Degree Preferred	1%	\$36,350
Customer Service/Service Writer	Associate's Degree, Bachelor's Degree Preferred	-1%	\$35,830
Shop Supervisor (First-line Supervisor)	Associate's Degree may be required	.5%	\$73,100

*Employment information based on current Bureau of Labor Statistics Occupational Outlook Handbook.

**Projected % of change in employment 2020-2030; the average for all occupations is 8%.

***Certificate graduates will earn approximately 50% less than AAS graduates.

Jefferson College Program Highlights:

The Jefferson College Automotive Technology Program has been certified by the National Automotive Technicians Education Foundation (NATEF) since 2012. The Program's facilities include a five bay shop and three classrooms one of which is used as a computer lab for automotive student use only. The students learn on both Jefferson College program cars and trucks and on live work brought to Jefferson College. Students may earn either the Certificate or the AAS degree in Automotive Technology. The Associate's degree is recommended.

Transfer Information:



Courses with this symbol are guaranteed to transfer to any public college or university in Missouri. NATEF certified courses should transfer to NATEF certified schools, but the student is encouraged to check with the transferring school to determine the amount of courses which will transfer.

Pursuing a higher degree? Get the most credit for your transfer and earn your Bachelor's degree from Missouri Baptist University by attending MBU courses at the Jefferson College, Hillsboro campus! The Associate of Applied Science degree in Automotive Technology will transfer to Missouri Baptist University's Bachelor of Science in Applied Management.