



AUTOMOTIVE TECHNOLOGY ACADEMIC GUIDE 2019-2020  
Certificate Plan

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
<b>Fall 1<sup>st</sup> Year</b>		<b>Semester 1</b>
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 Lab	3	
COL100 Freshman Sem: College to Work	1	COL101 and Reading Proficiency are pre-reqs for some next semester course work
<b>Total Hours</b>	<b>14</b>	
<b>Spring 1<sup>st</sup> Year</b>		<b>Semester 2</b>
AUT151 Automotive Engine Repair	1	
AUT152 Automotive Engine Repair Lab	3	
AUT161 Intro to Engine Performance	1	
AUT162 Intro to Engine Performance Lab	3	
MTH105 Industrial Math	3	
<b>Total Hours</b>	<b>11</b>	



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**Program Description:** This certificate program focuses primarily on automotive theory and lab classes designed to prepare graduates for entry level careers as technicians. Students continuing their education beyond the certificate can apply all coursework to the Associate of Applied Science degree.

**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

**Interim Associate Dean:** Christopher DeGeare

**Employment Outlook/Median Salary\*:**

Career	Degree Level Required	** Growth	*** Median Annual Salary
Automotive Service Technician	High School Diploma, Associate's Degree Preferred	6%	\$38,470
Parts Salesperson	High School Diploma, Associate's Degree Preferred	7%	\$31,250
Customer Service/Service Writer	Associate's Degree, Bachelor's Degree Preferred	5%	\$32,300
Shop Supervisor (First-line Supervisor)	Associate's Degree may be required	.5%	\$63,540

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

\*\*Projected % of change in employment 2016-2026; the average for all occupations is 7%.

\*\*\*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! Certificate courses apply directly to the Associate of Applied Science degree in Automotive Technology, which will transfer to Missouri Baptist University's Bachelor of Science in Applied Management.