Lake Land College

Automotive Technology

(AAS.AUTO) Associate in Applied Science Degree

Transportation, Distribution & Logistics

You might also like:

Workforce Ready
- Automotive Technology – page 33
- Automotive Mechanic – page 32
- Commercial Driver Training – page 43

This degree prepares students with entry-level skills and knowledge necessary for employment in automotive repair maintenance shops as service or parts personnel. The curriculum is Automotive Service Excellence (ASE) certified and is designed to prepare students for ASE certification. Instruction is provided in a shop equipped with the most up-to-date equipment available. Students entering this program must purchase hand tools and uniforms needed for use in the program. The cost of the required tools can be up to $3,400 depending on brand/source. The required uniforms are approximately $140 and textbooks/lab manuals are approximately $450. A list of required tools can be obtained from counselors or auto instructors.

Program requirements may change over time. Specific degree/graduation requirements are determined by the students' degree audit.

FIRST YEAR

First Semester

			Hours
☐	AUT 048	Introduction to Automotive Technology †	2
☐	AUT 050	Engine Repair †	5
☐	AUT 051	Electrical Systems I	4
☐	ENG 050	Writing for Industry	3
☐	TEC 048	Applied Shop Computations	3
		SEMESTER TOTALS	**17**

Second Semester

☐	AUT 052	Engine Performance I †††	5
☐	SPE 111	Introduction to Speech Communication	3
☐		Social Science Elective	2
☐	HED 178	Responding to Emergencies	2
☐	AUT 053	Brake Systems †††	4
		SEMESTER TOTALS	**16**

Summer Term

☐	AUT 054	Heating and Air Conditioning * [1]	3
☐	AUT 075	Supervised Occupational Experience (SOE) * [1]	3 – 5
		SEMESTER TOTALS	**6 – 8**

SECOND YEAR

First Semester

			Hours
☐	AUT 059	Electrical Systems II * †	4
☐	AUT 080	Steering and Suspension * †	4
☐	AUT 081	Engine Performance II * †	5
☐		Economics Elective	3
		SEMESTER TOTALS	**16**

Second Semester

☐	AUT 076	Automatic Transmissions/Transaxles * †††	5
☐	AUT 082	Manual Drive Train and Axles * †††	5
☐	AUT 083	Engine Performance III * †††	2
☐	AUT 089	ASE Test Review †††	2
☐		Technical Elective	2
		SEMESTER TOTALS	**16**

SUGGESTED ELECTIVES

☐	SFS 101	Strategies for Success (Social Science elective)	2
☐	ECO 130	American Economy *or*	
	ECO 231	Principles of Economics [1]	3
☐	IND 044	Fluid Power *or*	
	MTT 050	Intro to Machining *or*	
	WEL 057	Welding Fundamentals *or*	
	BUS 142	Intro to Business	2
		TOTAL PROGRAM HOURS	**71 – 73**

* There are prerequisites, course requisites or minimum placement test scores for this course
† Course only offered fall semester
††† Course only offered spring semester
[1] Courses only offered Summer semester

NOTES:_____

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