

9/13/2025

DATE



REQUIRED COURSE



ELECTIVE COURSE

TEC

DIVISION



NEW COURSE



REVISION

Lake Land College

Course Information Form

COURSE NUMBER:	AUT-042		TITLE: (30 Characters Max)		Basic Auto II								
SEM CR HRS:	4.0	Lecture:	2.0		Lab:	4.0	ICCB Lab:	4.0	ECH:	6.0			
Course Level:	<input type="checkbox"/> Gen Ed/IAI <input checked="" type="checkbox"/> Career/Technical <input type="checkbox"/> Baccalaureate/Non-IAI <input type="checkbox"/> Dev Ed/Not in Degree Audit				Clinical Practicum:	0.0	Work-based Learning:	0.0	WBL ECH:	0.0			
Course PCS & CIP:	12 - 47.0604		IAI Code:		N/A			Contact Hours (Minutes/Week)					
Repeatable (Y/N):	N	Pass/Fail (Y/N):	N	Variable Credit (Y/N):	N	Min:		Max:		16 Wks	300	8 Wks	600
Prerequisites:	AUT-041												
Corequisites:	None												
Catalog Description: (40 Word Limit)	Continuing an introduction into the auto service industry. Topics covered will include resetting maintenance reminders, vehicle inspections, tire service, coolant service, battery service, lighting systems service, retrieving vehicle fault codes and advanced vehicle detailing.												

List the Major Course Segments (Units)	Contact Lecture Hours	Contact Lab Hours	Clinical Practicum	Work-based Learning
Resetting vehicle maintenance reminders	3	4		
Vehicle inspections	4	6		
Tire service	4	6		
Coolant service	4	8		
Battery service	4	8		
Lighting systems service	4	4		
Retrieving vehicle fault codes	4	8		
Advanced vehicle detailing	5	20		
TOTAL	32	64	0	0

EVALUATION							
QUIZZES	<input checked="" type="checkbox"/>	EXAMS	<input checked="" type="checkbox"/>	ORAL PRES	<input type="checkbox"/>	PAPERS	<input type="checkbox"/>
LAB WORK	<input checked="" type="checkbox"/>	PROJECTS	<input type="checkbox"/>	COMP FINAL	<input checked="" type="checkbox"/>	OTHER	<input type="checkbox"/>

COURSE MATERIALS	
TITLE:	Introduction to Automotive Service
AUTHOR:	Halderman
PUBLISHER:	Pearson
VOLUME/EDITION/URL:	6th edition
COPYRIGHT DATE:	2020

MAJOR COURSE SEGMENT	HOURS	LEARNING OUTCOMES
		<i>The student will be able to:</i>
Resetting vehicle maintenance reminders	7	1. Identify the steps for resetting oil change, tire and other reminders.
Vehicle inspections	10	1. Complete vehicle inspection for safety related items. 2. Determine if further service is required.
Tire service	10	1. Identify tire wear patterns. 2. Replace tires. 3. Repair tires. 4. Balance tires.
Coolant service	12	1. Test and service the coolant.
Battery service	12	1. Safely test, replace, and jump start the 12-volt vehicle battery.

Lighting systems service	8	1. Inspect, test, and replace exterior lighting bulbs and components.
Retrieving vehicle fault codes	12	1. Make use of diagnostic equipment to retrieve fault codes from different vehicle modules.
Advanced vehicle detailing	25	1. Fully detail a vehicle using safe practices, including adding paint, interior and tire protectants and detailing under the hood of the vehicle.
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Outcomes*	Outcome Title	At the successful completion of this course, students will be able to:
Course Outcome 1	Safety Check	Check a vehicle for safety concerns.
Course Outcome 2	Basic Tire Needs	Check and determine basic tire needs.
Course Outcome 3	12-volt Battery	Check and determine recommendations on the 12-volt battery.
Course Outcome 4	Fault Codes	Check for vehicle fault codes.
Primary Laker Learning Competency Information & Technology Literacy: Students evaluate information effectively using the appropriate technological tools.		
Secondary Laker Learning Competency	Creative Thinking & Problem Solving: Students think creatively to solve problems.	

*Course and program outcomes will be used in the software for outcomes assessment and should include at least 1 primary and 1 secondary Laker Learning Competency. Limit to 3-5.