

10/3/2024

DATE



REQUIRED COURSE



ELECTIVE COURSE

TEC

DIVISION



NEW COURSE



REVISION

Lake Land College

Course Information Form

COURSE NUMBER:	TECC-043		TITLE: (30 Characters Max)		Industrial Safety								
SEM CR HRS:	1.0	Lecture:	1.0		Lab:	0.0	ICCB Lab:	0.0	ECH:	1.0			
Course Level:	☐ Gen Ed/IAI ☐ Baccalaureate/Non-IAI				☒ Career/Technical ☐ Dev Ed/Not in Degree Audit		Clinical Practicum:	0.0	Work-based Learning:	0.0	WBL ECH:	0.0	
Course PCS & CIP:	12 - 15.0701		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	50	8 Wks	100
Prerequisites:	None												
Corequisites:	None												
Catalog Description: (40 Word Limit)	Designed to give the student basic information and procedures concerning industrial safety awareness and accident prevention.												

List the Major Course Segments (Units)	Contact Lecture Hours	Contact Lab Hours	Clinical Practicum	Work-based Learning
Introduction to safety	1			
Safety laws (OSHA & MSDS sheets)	2			
Work and safety	2			
Tools and equipment	1			
Personal protection	2			
Chemical safety	2			
Electrical safety	2			
Fire prevention	2			
Health protection	1			
TOTAL	15	0	0	0

EVALUATION			
QUIZZES	☒	EXAMS	☒
LAB WORK	☐	PROJECTS	☐
ORAL PRES		☐	
COMP FINAL		☒	
PAPERS		☐	
OTHER		☐	

COURSE MATERIALS	
TITLE:	OSHA 10 hour
AUTHOR:	Career Safe (online)
PUBLISHER:	
VOLUME/EDITION/URL:	
COPYRIGHT DATE:	

MAJOR COURSE SEGMENT	HOURS	LEARNING OUTCOMES
		<i>The student will be able to:</i>
Introduction to safety	1	1. Describe the importance of safe work practices and how they relate to the work place.
Safety laws (OSHA & MSDS sheets)	2	1. Discuss OSHA regulations and Material Safety Data Sheets (MSDS) and how safety laws protect workers.
Work and safety	2	1. Discuss procedures for safety training, reporting illness and injury, safety rule violations, etc.
Tools and equipment	1	1. Identify safe operation and procedures for tools and equipment, tool inspection and replacement or repair of defective equipment.
Personal protection	2	1. Select and use proper Personal Protection Equipment (PPE).

Chemical safety	2	1. Select and use proper Personal Protection Equipment (PPE).
Electrical safety	2	1. Define basic electrical terms and the cause and solutions to common electrical safety issues.
Fire prevention	2	1. Discuss what causes fire, proper firefighting techniques and the different types of fire extinguishers.
Health protection	1	1. List different activities that cause work-related injuries and how to avoid these injuries.
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Outcomes*		At the successful completion of this course, students will be able to:
Course Outcome	List safety rules that apply to the workplace.	
Course Outcome	List different tools, practices and protective devices designed to keep workers safe.	
Course Outcome	Describe how to avoid accidents and injuries in the workplace.	
Primary Laker Learning Competency	Communication: Students communicate through the exchange of information.	
Secondary Laker Learning Competency	Professional Skills & Ethics: Students demonstrate professional skills and ethical accountability.	

*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.