3/18/2025   DATE

☐ REQUIRED COURSE

☑ ELECTIVE COURSE

TEC   DIVISION

☑ NEW COURSE

☐ REVISION

Lake Land College
Course Information Form

COURSE NUMBER:	TEC-055		TITLE: *(30 Characters Max)*		Special Topics in Technology				

SEM CR HRS:	0.5	Lecture:	0.5	Lab:	0.0	ICCB Lab:	0.0	ECH:	0.5

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 #	12 - 15.9999	IAI Code:	N/A	Contact Hours (Minutes/Week)	

Repeatable (Y/N):	Y	Pass/Fail (Y/N):	N	Variable Credit (Y/N):	Y	Min:	0.5	Max:	5.0	16 Wks	25	8 Wks	50

Prerequisites:	None
Corequisites:	None
Catalog Description: (40 Word Limit)	Fundamentals, principles and practices of industrial technology. Covers basic through advanced procedures associated with current technology. Advanced work is adjusted to special interest groups. (Repeatable 3 Times)

List the Major Course Segments (Units)	Contact Lecture Hours	Contact Lab Hours	Clinical Practicum	Work-based Learning
Practice of engineering and technology	2			
Communication skills	2			
Ethics and professionalism	2			
Lifelong learning	1.5			
TOTAL	7.5	0	0	0

EVALUATION

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

COURSE MATERIALS

TITLE:	Instructor handouts
AUTHOR:	
PUBLISHER:	
VOLUME/EDITION/URL:	
COPYRIGHT DATE:	

MAJOR COURSE SEGMENT	HOURS	LEARNING OUTCOMES
		The student will be able to:
Practice of engineering and technology	2	1. Explain the fundamentals and practices associated with current technology.
Communication skills	2	1. Describe the various methods of communication used in the workplace.
Ethics and professionalism	2	1. Discuss the code of ethics and professional practices in the workplace.
Lifelong learning	1.5	1. Identify the need for lifelong learning to stay current with the advancement of technology.
	7.5	

Outcomes*	Outcome Title	At the successful completion of this course, students will be able to:
Course Outcome 1	Tech Syst Engin	Explain technical systems employed in the world of engineering.
Course Outcome 2	Continuing Ed	Summarize the necessity of continuing education.
Course Outcome 3	Tech Professionalism	Discuss professionalism respective to technical careers.

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.