6/13/2023 DATE
☑ REQUIRED COURSE
☐ ELECTIVE COURSE

Technology DIVISION
☐ NEW COURSE
☑ REVISION

Lake Land College

Course Information Form

COURSE NUMBER:	EET-057			TITLE: *(30 Characters Max)*			Computer Systems						
SEM CR HRS:	3	Lecture:		3		Lab:	0					ECH:	3
Course Level:	☐ Gen Ed / IAI ☐ Baccalaureate /Non-IAI		☑ Career/Technical ☐ Dev Ed/ Not in Degree Audit		Clinical Practicum:		0	SOE/ Internship:		0		SOE ECH:	0
COURSE PCS #	12 15.1202			IAI Code						Contact Hours (Minutes Per Week)			
Repeatable (Y/N):	N	Pass/Fail (Y/N):	N	Variable Credit (Y/N):	N	Min:		Max:		16 Wks	150	8 wks	300
Prerequisites:													
Catalog Description: (40 Word Limit)	This course is designed to provide a technical foundation for system design, systems implementation, hardware and software procurement, and computing resource management. Repeatable - Pass Fail - Variable Credit												

List the Major Course Segments (Units)	Contact Lecture Hours	Contact Lab Hours	Clinical Practicum	Non-Clinical Internship/ SOE
Computing Technology	5			
System Architecture	5			
Network Configurations	5			
Systems Access	5			
System Imaging	5			
System Integration	5			
IO Technology	5			
Mobile Computing	5			
System Protection	5			
TOTAL	45	0	0	0

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

COURSE MATERIALS		
TITLE:	Test Out Client Pro	
AUTHOR:		
PUBLISHER:		
VOLUME/EDITION/URL:	978-1-935080-45-9	
COPYRIGHT DATE:	On-line	

MAJOR COURSE SEGMENT	HOURS	LEARNING OUTCOMES
		The student will be able to:
Computing Technology	5	Describe the computer systems development model.
System Architecture	5	Examine computer specifications, hardware and software.
Network Configurations	5	Summarize Network types, numbering systems and protocol types.
System Access	5	Describe methods or autorize access to computer systems autorized by proper clearance.
System Imaging	5	Demonstrate techniques used for backing up data files and applications.
System Integration	5	Analyze the techniques used to communicate among computers.
IO Technology	5	Evaluate each I/O device and the technology they use.

Mobile Computing	5	Demonstrate a basic understanding of mobile hardware and mobile software.
System Protection	5	Explain the strategic role of protecting resources from viruses or other form of unauthorized threats.
	45	

COURSE OUTCOMES*	At the successful completion of this course, students will be able to:
	* Explain the various data representation methods.
	* Describe the purpose of integrating systems.
	* Describe signals and the media used to transmit digital signals.
	* Compare the different styles of networking technologies.

** Course Outcomes will be used in the Assessment Software for Outcomes Assessment. Limit to 3 - 5.*