9/15/2022 DATE
☑ REQUIRED COURSE
☐ ELECTIVE COURSE

MSD DIVISION
☑ NEW COURSE
☐ REVISION

Lake Land College

Course Information Form

COURSE NUMBER:	GIS-095			TITLE: *(30 Characters Max)*			Geospatial Technology Internship						
SEM CR HRS:	3	Lecture:		0		Lab:	0					ECH:	0
Course Level:	☐ Gen Ed / IAI ☐ Baccalaureate /Non-IAI		☑ Career/Technical ☐ Dev Ed/ Not in Degree Audit			Clinical Practicum:	0	SOE/ Internship:	15	SOE ECH:	15		
COURSE PCS #	12 - 45.0701			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	0	8 wks	0
Prerequisites:	GIS-090, Introduction to Geospatial Technology and GIS-091, Advanced Vector GIS												
Catalog Description: (40 Word Limit)	A directed field study program whereby students will apply classroom instruction to real-world Geographic Information Systems (GIS) projects in the community. Students should complete GIS-090 and GIS-091 and arrange for an advisor prior to enrolling in an internship.												

List the Major Course Segments (Units)	Contact Lecture Hours	Contact Lab Hours	Clinical Practicum	Non-Clinical Internship/ SOE
Developing Employer-Employee Relationships				15
Orientation to the Work Site				20
Introduction to GIS Technician Work				60
GIS Applications and Development				125
Internship Assessment				5
TOTAL	0	0	0	225

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

COURSE MATERIALS		
TITLE:		
AUTHOR:		
PUBLISHER:		
VOLUME/EDITION/URL:		
COPYRIGHT DATE:		

MAJOR COURSE SEGMENT	HOURS	LEARNING OUTCOMES
		The student will be able to:
Developing Employer/Employee Relationships	15	• Apply classroom instruction in a work related environment. This orientation will serve to introduce the student to workforce issues in the GIS industry associated with data development, storage, documentation, and dissemination.
Orientation to the Worksite	20	• Be mentored by a GIS Technician to train on company specific duties associated with technician level duties.
Introduction to GIS Technician Work	60	• Produce a log of daily tasks and duties associated with internship work. The student will cross reference duties with DACUM task items produced at LLC in the Fall, 2008.
GIS Applications and Development	125	• Develop deliverables associated with data development, accuracy, documentation, and overall employee relationships with other staff.
Internship Assessment	5	• Describe the SOE experience relative to duties, experience, facilities, and overall work environment with visiting coordinator. This report will be in the form of an interview and a 3-5 page paper summarizing SOE experience.
	225	

COURSE OUTCOMES*	At the successful completion of this course, students will be able to:
	• Demonstrate an understanding of data processing techniques of capturing geospatial data.
	• Demonstrate an understanding of evaluating geospatial data for accuracy and content.
	• Demonstrate an understanding of presenting geospatial data relative to reports, statistical analysis, and maps.

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