8/25/2022 DATE

☑ REQUIRED COURSE
☐ ELECTIVE COURSE

Business DIVISION
☐ NEW COURSE
☑ REVISION

Lake Land College
Course Information Form

COURSE NUMBER:	ITT-071		TITLE: *(30 Characters Max)*		Web Scripting I			

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	IAI Code				Contact Hours Per Week		
Repeatable (Y/N):	Y	Pass/Fail (Y/N):	N	Variable Credit (Y/N):	N	Min:	Max:	16 Wks	150	8 wks	300

Prerequisites:	CIS-099; CIS-156

Catalog Description: (40 Word Limit)	Focuses on applying HTML5, CSS3, JavaScript, and JavaScript Frameworks for developing web applications and browser extensions. Student will learn JavaScript's latest features through experiential learning.

List the Major Course Segments (Units)	Contact Lecture Hours	Contact Lab Hours	Clinical Practicum	Non-Clinical Internship/ SOE
Advanced HTML	10			
Advanced CSS	10			
Introduction to JavaScript	5			
JavaScript Variables, Decision Making, Operators	5			
JavaScript Looping Statement, Arrays, Functions	5			
Use of Bootstrap	7			
Managing Web Server	3			
TOTAL	45	0	0	0

EVALUTION

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

COURSE MATERIALS

TITLE:	Eloquent JavaScript	A Smarter Way to Learn JavaScript
AUTHOR:	Marijn Haverbeke	Mark Meyers
PUBLISHER:	No Starch Press	Mark Meyers
VOLUME/EDITION/URL:	3rd Edition	1st Edition
COPYRIGHT DATE:	2018	2013

MAJOR COURSE SEGMENT	HOURS	LEARNING OUTCOMES
		The student will be able to:
Advanced HTML	10	1. Explain HTML syntax, tags, and document type definitions. 2. Explain common uses of forms on web pages. 3. Create forms on web pages.
Advanced CSS	10	1. Apply CSS to format a web page. Apply single-column and two-column page layouts using Cascading Style Sheets. 3. Discuss page layout resources.
Introduction to JavaScript	5	1. Discuss JavaScript and its purpose. 2. Apply interactivity to a web page with simple JavaScript code.
JavaScript Variables, Decision Making, Operators	5	1. Discuss global versus local variables and scope. 2. Apply JavaScript code to make decisions.
JavaScript Looping Statement, Arrays, Functions	5	1. Apply correct looping statements. 2. Discuss the benefits of using arrays. 3. Apply functions and code them in JavaScript.

Use of Bootstrap	7	1. Explain, Install, and configure Bootstrap. 2. Apply Bootstrap elements.
Managing Web Server	3	1. Operate a web server and upload and manage files for a website using FTP.
Insert New Line Above this Line		
	45	

COURSE OUTCOMES*	At the successful completion of this course, students will be able to:
	Design and build static sites using HTML and CSS.
	Design and build sites with minimal client-side interactivity using JavaScript.
	Explain how to Manage files on a web server.

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