

8/30/2022 DATE

☐
☒REQUIRED COURSE
ELECTIVE COURSE

Business DIVISION

☐
☒ NEW COURSE
REVISION

Lake Land College

Course Information Form

COURSE NUMBER:		ITT-068		TITLE: (30 Characters Max)		Digital Video Effects									
SEM CR HRS:		3		Lecture:		2		Lab:		2		ECH:		4	
Course Level:		<input type="checkbox"/> Gen Ed / IAI <input type="checkbox"/> Baccalaureate /Non-IAI		<input checked="" type="checkbox"/> Career/Technical <input type="checkbox"/> 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:	
Prerequisites:		CIS-066													
Catalog Description: (40 Word Limit)		This course is a continuation of post-production techniques that includes but it not limited to compositing, chromakeying, rotoscoping, motion tracking, matte effects, 3D production techniques and motion graphics.													

List the Major Course Segments (Units)	Contact Lecture Hours	Contact Lab Hours	Clinical Practicum	Non-Clinical Internship/ SOE
Overview of video effects	2			
Compositing	3	5		
Chromakey	4	6		
Rotoscoping	4	2		
Motion tracking	4	3		
Matte effects	4	3		
3D production techniques	3	5		
Motion graphics	6	6		
TOTAL	30	30	0	0

EVALUATION			
QUIZZES <input checked="" type="checkbox"/>	EXAMS <input checked="" type="checkbox"/>	ORAL PRES <input type="checkbox"/>	PAPERS <input type="checkbox"/>
LAB WORK <input checked="" type="checkbox"/>	PROJECTS <input checked="" type="checkbox"/>	COMP FINAL <input checked="" type="checkbox"/>	OTHER <input type="checkbox"/>

COURSE MATERIALS	
TITLE:	Adobe After Effects CC Classroom in a Book
AUTHOR:	Lisa Fridsma
PUBLISHER:	Adobe Press
VOLUME/EDITION/URL:	1st
COPYRIGHT DATE:	2018

MAJOR COURSE SEGMENT	HOURS	LEARNING OUTCOMES
		<i>The student will be able to:</i>
Overview of video effects	2	Discuss the types of video effects available and how those effects can be effectively used in a production environment.
Compositing	3	Describe the elements of a visual composite and the tools used to complete the assembly.
Lab Exercises	5	Assemble component parts of a visual effects shot into a cohesive whole.
Chromakey	4	Discuss the steps required to create a green screen shot and be familiar with the tools and techniques to accomplish the task.

Lab Exercises	6	Set up, shoot, and successfully key footage which is then incorporated into a production.
Rotoscoping	4	Explain the process and techniques involved in frame-by-frame manipulation of elements in a given scene.
Lab Exercises	2	Fix or modify footage using current rotoscoping techniques.
Motion tracking	4	Discuss the options available to accomplish motion tracking in a shot.
Lab Exercises	3	Augment a shot with motion tracking to enhance realism.
Matte Effects	4	Understand what a matte effect is and what tools are used to create it.
Lab Exercises	3	Create a matte effect given a particular piece of footage.
3D production techniques	3	Explore the various techniques used in 3D video production.
Lab Exercises	5	Shoot, edit, and composite a scene using a two camera setup for 3D.
Motion graphics	6	Discuss the variety of uses for motion graphic effects and the equal variety of creation techniques.
Lab Exercises	6	Create a variety of motion graphic sequences for various purposes.
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	60	

COURSE OUTCOMES*	At the successful completion of this course, students will be able to:
	Identify the major video effect methods and how they are used.
	Use the software effectively to create the video effects required.
	Describe how the effects impact the overall production of a video.

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