

CIST 1530 - Web Graphics I (version 201003L)

Course Title Course Development Learning Support

Web Graphics I Standard No

Course Description

Students will explore how to use industry standard or open source graphics software programs to create Web ready images and Web pages. Topics include advanced image correction techniques and adjustments, typography and interpolation as well as conditional scripting statements and arrays. The course includes a final project that allows students to develop a Web page/site using the chosen software.

Pre-requisites

Pre-requisites: All Required

Program Admission

Co-requisites

Co-requisites: None

Course Length

	Minutes	Contact Hour	Semester Credit	WLU
Lecture:	1500	30		
Lab 2:	1500	30		
Lab 3:	0	0		
Total:	3000	60	3	
Semester Credit Hours:			3	105
Breakout Detail of Lab 3				
Practicum/Internship	0	0		
Clinical	0	0		

Competencies & Outcomes

Order	Description	Lecture	Lab 2	Lab 3	Total Min	Credit Hrs	Pract Intern	Clinical
1	Curves and Adjustment Layers: Use curves to manage colors/Cognitive, Understand and manipulate site	100	100	0	200	0	0	0
Order Description						Learning Domain	Level of Learning	
1	Develop an understanding of site manipulation and using curves to manage colors					Cognitive	Comprehension	
2	Color, color correction and Balancing: Make exposure, shadow/highlight, channel mix and selective co	200	200	0	400	0	0	0
Order Description						Learning Domain	Level of Learning	
1	Observe shadow and highlights to make selective color adjustments					Psychomotor	Perception	

3	Typography and Interpolation: utilize advanced typography and interpolation techniques on a web base	200	200	0	400	0	0	0
---	---	-----	-----	---	-----	---	---	---

Order	Description	Learning Domain	Level of Learning
1	Demonstrate advanced typography techniques as well as interpolation techniques on a web graphics based project	Psychomotor	Guided Response

4	Web Creation Project: Create a web based graphics project, applying scripting techniques.	1000	1000	0	2000	1	0	0
---	--	------	------	---	------	---	---	---

Order	Description	Learning Domain	Level of Learning
1	Adapt and create a web project using scripting techniques and graphics.	Psychomotor	Guided Response

Competency Totals:	Lecture 1500	Lab 2 1500	Lab 3 0	Total Min 3000	Cred Hrs 3	Pract Intern 0	Clinical 0
---------------------------	-------------------------	-----------------------	--------------------	---------------------------	-----------------------	---------------------------	-----------------------