

NOVA COLLEGE-WIDE COURSE CONTENT SUMMARY ART 220 – ADVANCED DESIGN FOR THE WEB (3 CR.)

Course Description

Presents advanced features of web design and technology used by designers. Explores advanced design problems. Lecture 2 hours. Studio instruction 2 hours. Total 4 hours per week.

General Course Purpose

This course is designed to advance the student's education in design concepts, especially on how it applies to the current trends in the field. It will expand on the necessary skills and tools needed to be successful in creating interactive web-based designs. This course will explore more front-end user interface design concepts and applications.

Course Prerequisites/Corequisites

Prerequisites: ART 116 and ART 117.

Course Objectives

Upon completion of this course, the student will be able to:

- a) Integrate design aspects into a complex web site
- b) Design a complex, functional interactive site
- c) Communicate design concepts through front-end user requirements
- d) Analyze design and interactive concepts based on user interaction
- e) Integrate emerging technologies into front-end user designs

Major Topics to be Included

- a) Current design trends
- b) Front-end user interface design requirements
- c) Advanced HTML
- d) Advanced cascading style sheets
- e) Interactivity
- f) Interactive, web-based designing
- g) Accessibility in designing user interfaces