Course Prefix and Number: ITD 212  
Credits: 4

Course Title: Interactive Web Design

Course Description:
Provides techniques in interactive design concepts to create cross-platform, low-bandwidth animations utilizing a vector based application. Emphasizes the importance of usability, accessibility, optimization, and performance. Prerequisite: ITD 110 or equivalent. Lecture 4 hours per week.

General Course Purpose:
This course, which addresses advanced interactive design concepts, serves as a requirement for the Information Systems Technology AAS, Internet Applications Development (Web Design) Specialization and the Internet Applications Development (Web Design) Career Studies Certificate.

Course Prerequisites/Co-requisites:
ITD 110 or equivalent

Course Objectives:
Upon completing the course, the student will be able to:
a. Understand techniques in interactive web design to create cross-platform, compact, low-bandwidth animations utilizing vector-based applications.
b. Use Adobe Flash and Fireworks being mindful of usability, accessibility, optimization, and performance.
c. Create vector graphics and animations.
d. Design movies by drawing or importing artwork, arranging it on the Stage, animating it with the Timeline, and coding using ActionScript (latest version) for interactive events.
e. Export movies embedded within an HTML page and transfer to a web server.

Major Topics to be Included:
a. Techniques in interactive web design  
b. Adobe Flash  
c. Adobe Fireworks  
d. ActionScript (latest version)  
e. Timeline  
f. Vector graphics and animations for web sites  
g. Designing movies

Effective Date of Course Content Summary: January 1, 2012