COLLIN COLLEGE

COURSE SYLLABUS

Course Information

Course Number: IMED 1341

Course Title: Interface Design

Course Description: Skill development in the interface design process including selecting interfaces that are relative to a project's content and delivery system. Emphasis on aesthetic issues such as iconography, screen composition, colors, and typography.

Course Credit Hours: 3
Lecture Hours: 2
Lab Hours: 2

Prerequisite: ITSE 1311 or consent of Instructor ~~or Department Chair~~

Student Learning Outcomes:

- **State-mandated Outcomes:** Upon successful completion of this course, students will:
  1. Critique user interface and screen designs. (SCANS: F1 – F16, C8, C10 – C14)
  2. Develop user interfaces based on human perception principles. (SCANS: F1 – F16, C1, C5, C6, C10 – C14)
  3. Develop navigation methods and screen composition for digital media. (SCANS: F8, F9, F11, C14)
  4. Describe interface and screen design decisions. (SCANS: F8, F9, F11, C14)
- **Additional Collin Outcomes:**
  1. Describe the interface design process that includes flowcharting, target audience analysis and content organization. (Scans: F1, F2, F4, F6, F7, F8, F9, C18, C19)
  2. Demonstrate using HTML and CSS to create web. (SCANS: C18, C19)
  3. Compare current front-end frameworks for web design/development. (SCANS: C18, C19)

~~1. Demonstrate using basic tools used to render graphics related to the design of web pages.~~
~~2. Demonstrate coordinating workflow including symbols, libraries, exporting files, optimizing files, and script automation~~
~~3. Demonstrate use of typography design principles as related to web page design~~
~~4. Demonstrate use of graphic techniques in a web page development/production environment including adding links, hotspots and behaviors.~~
~~5. Demonstrate using special effects such as fills, textures, paths, image maps, rollovers and slices in web page development/production environment~~
~~6. Describe copyright, new industry trends, standard scripting/markup languages, and current issues affecting Internet/Web.~~
~~7. Demonstrate integration of software elements into other web development applications~~
~~8. Demonstrate the interface design process that includes flowcharting, target audience analysis and content organization~~
~~9. Design and/or create user interfaces using human perception principles and usability standards~~
~~10. Critique and/or justify interface and screen design decisions based on the principles of interface and screen design~~

Secretary's Commission on the Acquisition of Necessary Skills (SCANS) - SCANS skills are a group of foundational skills and workplace competencies that the Secretary's Commission on the Acquisition of Necessary Skills established as vitally important for workplace success in the 21st century. In Collin's workforce programs, the SCANS skills are developed and reinforced throughout the curriculum to provide students with an opportunity to hone these skills/competencies in the context of their education. Over the course of an entire degree program, the successful student is expected to demonstrate all of the SCANS skills and competencies as part of their education. The SCANS Foundation Skills and Workplace Competencies are described at:
http://www.collin.edu/academics/programs/Workforce_SCANS_Skills_Syllabi_Code_Key.pdf

Withdrawal Policy: See the current *Collin Registration Guide* for last day to withdraw.

Collin College Academic Policies: See the current *Collin Student Handbook.*

Americans with Disabilities Act Statement: Collin College will adhere to all applicable federal, state and local laws, regulations and guidelines with respect to providing reasonable accommodations as required to afford equal educational opportunity. It is the student's responsibility to contact the ACCESS office, SCC-D140 or 972.881.5898 (V/TTD: 972.881.5950) to arrange for appropriate accommodations. See the current *Collin Student Handbook* for additional information.