This course presents an overview of the fundamentals of Web design including some of the broad concepts and practices necessary for good Web design. Students will briefly review the historical, technical, and practical aspects of Web design, and will be introduced to basic Web design concepts.

**JUSTIFICATION FOR COURSE:**

**PREREQUISITES:**

**COREQUISITES:**

**ADVISORIES:**

**ASSIGNED DISCIPLINES:**

Computer science
Office technologies (secretarial skills, office systems, word processing, computer applications, automated office training)

**MATERIAL FEE:** Yes [ ] No [X] Amount: $2.00

**CREDIT STATUS:** Noncredit [ ] Credit - Degree Applicable [X] Credit - Not Degree Applicable [ ]

**GRADING POLICY:** Pass/No Pass [X] Standard Letter [X] Not Graded [ ] Satisfactory Progress [ ]

**OPEN ENTRY/OPEN EXIT:** Yes [ ] No [X]

**TRANSFER STATUS:** CSU Transferable[X] UC/CSU Transferable[ ] Not Transferable[ ]

**BASIC SKILLS STATUS:** Yes [ ] No [X] LEVELS BELOW TRANSFER: Not Applicable

**CALIFORNIA CLASSIFICATION CODES:** Y - Not Applicable

**NON CREDIT COURSE CATEGORY:** Y - Not applicable, Credit Course

**OCCUPATIONAL (SAM) CODE:** D

**REPEATABLE ACCORDING TO STATE GUIDELINES:** No [X] Yes [ ] NUMBER REPEATS:

**REQUIRED FOR DEGREE OR CERTIFICATE:** No [X] Yes [ ]

**GE AND TRANSFER REQUIREMENTS MET:**

**COURSE LEVEL STUDENT LEARNING OUTCOME(S) Supported by this course:**

1. evaluate the effectiveness of Web sites – Communication, Visual, Usability.
2. understand the importance of determining the purpose of a Web site before beginning the design.
4. demonstrate the ability to understand basic computing concepts and principles, and to successfully utilize common software applications.
5. create a simple site, test, maintain and edit for a minimum of two weeks.
6. prepare and plan a simple Web site.
7. understand the principles of usability and accessibility.

COURSE OBJECTIVES:
1. Discuss the history of the World Wide Web.
2. Understand the importance of determining the purpose of a Web site before beginning the design.
3. Evaluate the effectiveness of Web sites – Communication, Visual, Usability, etc.
4. Understand the principles of usability and accessibility.
5. Prepare and plan a simple Web site.
6. Create a simple site, test, maintain and edit for a minimum of two weeks.

COURSE CONTENT:

LECTURE CONTENT:
A. History of the World Wide Web
B. Purpose of Web Sites
C. Evaluation of Web Sites
   Communication
   Visual
   Usability
   Accessibility
D. Usability and Accessibility
   Know the basic guidelines for creating efficient, easy to use, and accessible Web sites
E. Preparation and Planning
   The audience--User Profiles
   Accessibility
F. Creation of the Site
   Basic Design
   Use of HTML Editing Packages
   Site Structure and Links
   Multimedia
G. Maintenance and Improvement of the Site

LABORATORY CONTENT:
A. History of the World Wide Web
B. Purpose of Web Sites
C. Evaluation of Web Sites
   Communication
   Visual
   Usability
   Accessibility
D. Usability and Accessibility
   Know the basic guidelines for creating efficient, easy to use, and accessible Web sites
E. Preparation and Planning
   The audience--User Profiles
   Accessibility
F. Creation of the Site
   Basic Design
G. Maintenance and Improvement of the Site

METHODS OF INSTRUCTION:

A. Lecture:
B. Lab:
C. Tutoring – noncredit:
D. Independent Study:

INSTRUCTIONAL TECHNIQUES:

COURSE ASSIGNMENTS:

Reading Assignments

Textbook
Instructor prepared materials

Out-of-class Assignments

Additional projects may be completed to further demonstrate competence in Web design concepts.

Writing Assignments

Hands-on projects from each chapter require reading of step-by-step explanations and instructions to create, format, illustrate, and edit Web pages.

METHODS OF STUDENT EVALUATION:

Midterm Exam
Final Exam
Short Quizzes
Written Assignments
Objective Examinations
Report
Projects (ind/group)
Problem Solving Exercises
Oral Presentations
Skills Demonstration

Demonstration of Critical Thinking:

As students explore the concepts and practices in Web design, they must consider alternatives and use critical thinking to apply knowledge of Web design to solve specific problems.

Required Writing, Problem Solving, Skills Demonstration:

Hands-on projects from each chapter require reading of step-by-step explanations and instructions to create, format, illustrate, and edit Web pages.

TEXTS, READINGS, AND RESOURCES:

TextBooks:

Other:
1. Handouts
2. CD RWs
3. Printer Paper