El Paso Community College
Syllabus
Part II
Official Course Description

SUBJECT AREA   **Information Technology Systems**

COURSE RUBRIC AND NUMBER   **ITSE 1311**

COURSE TITLE   **Beginning Web Programming**

COURSE CREDIT HOURS   **3** **3** **:** **1**
                         Credits **Lec** **Lab**

I. Catalog Description

Develops skills in web programming including mark-up and scripting languages. **Prerequisite: ITSC 1301 or ARTC 1325 or ARTC 1353. (3:1).**

II. Course Objectives

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

A. Identify and discuss technologies used on the World Wide Web (WWW).
B. Describe, write, and maintain markup and scripting languages.
C. Plan, define, and document a web site.
D. Recognize the elements and structure of a basic HTML document.
E. Research the proper structure and attributes for HTML tags.
F. Create, modify and import web documents.
G. Create ordered and unordered lists.
H. Create, edit, and apply Cascading Style Sheets (CSS).
I. Inspect and adjust alignment and other attributes of graphics included in web pages.
J. Add hyperlinks and modify existing links.
K. Add background colors and images to web pages.
L. Create internal targets, bookmarks, navigation bars and hyperlinks.
M. Create and modify tables and use tables to control page layout.
N. Identify basic computer image file types, their characteristics, and the advantages and disadvantages of each.
O. Edit, organize, align and modify bit-mapped, vector image files, layered graphics.
P. Create rollover effects and animation using graphics images.
Q. Open, create, play, edit, integrate and save movies.
R. Use drawing tools.
S. Create symbols, symbol libraries, buttons, animation, effects, sounds.
T. Set up a web site.
U. Optimize graphics for download speed.
V. Publish and update Web documents to a Web host.
W. Explain the importance of ethics, regulations, copyrights, and acceptable use policies.
X. Identify open source technology.
Y. Demonstrate multi-tasking skills.

III. THECB Learning Outcomes (WECM)

1. Demonstrate the use of markup and scripting languages.
2. Create interactive web pages.

IV. Evaluation

A. Preassessment

None

B. Postassessment

1. There will be four (4) written examinations. The final exam will be comprehensive.
2. Homework assignments will be assigned at the instructor's discretion and will be averaged on a 100-point scale.
3. Lab assignments will be assigned at the instructor's discretion and will be averaged on a 100-point scale.

C. Remediation

The instructor may provide the students with means of improving a grade. The instructor will determine the timing, form, and method of remediation.

D. Final Grade

The final grade report will be based on the percentage of the total points earned.

V. Disability Statement (Americans with Disabilities Act [ADA])

EPCC offers a variety of services to persons with documented sensory, mental, physical, or temporary disabling conditions to promote success in classes. If you have a disability and believe you may need services, you are encouraged to contact the Center for Students with Disabilities to discuss your needs with a counselor. All discussions and documentation are kept confidential. Offices located: VV Rm C-112 (831-2426); TM Rm 1400 (831-5808); RG Rm B-201 (831-4198); NWC Rm M-54 (831-8815); and MDP Rm A-125 (831-7024).

VI. 6 Drop Rule

Students who began attending Texas public institutions of higher education for the first time during the Fall 2007 semester or later are subject to a 6-Drop limit for all undergraduate classes. Developmental, ESL, Dual Credit and Early College High School classes are exempt from this rule. All students should consult with their instructor before dropping a class. Academic assistance is available. Students are encouraged to see Counseling Services if dropping because exemptions may apply. Refer to the EPCC catalog and website for additional information.