

# El Paso Community College

## Syllabus

### Part II

## Official Course Description

<b>SUBJECT AREA</b>	<u>Information Technology Systems</u>
<b>COURSE RUBRIC AND NUMBER</b>	<u>ITSE 1311</u>
<b>COURSE TITLE</b>	<u>Beginning Web Programming</u>
<b>COURSE CREDIT HOURS</b>	<u>3    3    :    1</u> 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.