

PELLISSIPPI STATE COMMUNITY COLLEGE
MASTER SYLLABUS

**WEB SPECIAL TOPICS: CONTENT MANAGEMENT SYSTEMS
WEB 2501**

Class Hours: 3.0

Credit Hours: 3.0

Lab Hours: 0.0

Revised: Spring 2011

NOTE: This course is not designed for transfer credit.

Catalog Course Description:

A directed study and utilization of specific applications and software products within business and industry relevant to Web design. May be repeated, maximum of 3 credits.

Entry Level Standards:

Students taking this course should have a basic knowledge of HTML and layout design (Fireworks)

Prerequisites:

WEB 1600, or CSIT 2645 or consent of instructor

Textbook(s) and Other Course Materials:

Joomla 1.5: Beginner's Guide, Eric Tiggeler ISBN: 978-1-847199-90-4.

Supplementary Materials: 2GB or larger USB drive

I. Week/Unit/Topic Basis:

Week	Topic
1	Introduction What is the content management system? What is Joomla? Overview of installation of MAMP and Joomla
2	Adding content to the frontend Creating individual pages Dividing long articles using page breaks Formatting contents Adding links Adding images Deleting contents
3	Organizing content Creating sections and categories Modifying section and categories Adding section or categories descriptions Using blog layout Using list layout

- 4
 - Setting global configuration for articles
 - Setting individual articles configuration
 - Setting content access parameters
 - Ordering articles
 - Setting publishing parameters
 - Setting article icons
 - Setting Metadata
- 5
 - Creating menus
 - Using other menu items
 - Creating parent menu items
 - Setting menu items details
 - Setting the menu item page title
 - Creating additional menus
 - Changing the default menu items
 - Deleting menu items
- 6
 - Creating sidebar
 - Configuring modules
 - Assigning modules to menu items
 - Creating login modules
 - Creating a breadcrumb module
 - Creating syndicate modules for RSS feeds
 - Using other modules
- 7
 - Using the content component
 - Creating a contact component
 - Creating a poll component
 - Creating a search component
- 8
 - Creating a user
 - Granting user permissions
 - Allowing self-registration
 - Allowing users to modify user details
- 9
 - Modifying global configurations
 - Reading and writing private messages
 - Using the Mass mail feature
 - Using the Media Manager
 - Using Joomla help
- 10
 - Changing the look of the site using templates
 - Assigning templates
 - Assigning templates with the HTML editor
- 11
 - Using plug-ins
 - Using extensions
 - Managing languages in the site
 - Joining the Joomla community
- 12-14
 - Launching your site
 - Understanding SEO
- 15
 - Final projects submitted

II. Course Goals*:

The course will:

- A. Student will develop a basic understanding of Web technology using Joomla.
- B. Student will develop the skills necessary to manage Web content and much more using Joomla.
- C. Student will have an understanding of Web content management techniques.
- D. Student will have an understanding how dynamic sites are the future of Web design.

*Roman numerals after course objectives reference goals of the WEB program.

III. Expected Student Learning Outcomes*:

The student will be able to:

- 1. Demonstrate proficiency in the use of Joomla (A, B)
- 2. Demonstrate proficiency in writing external and internal links in Joomla (B, C)
- 3. Understand contents, Modules, and templates (B, C)
- 4. Use templates in Joomla to design a site (B, C)
- 5. Create page breaks and how to make contents visible (B, C)
- 6. Add images to content (B, C)
- 7. Use CSS in the layout section (B, C)
- 8. Develop a functional and aesthetic web site using all the functions of Joomla (B, C, D)
- 9. Understand and implement time and project management skills necessary to meet deadlines (B, C)
- 10. Actively participate in group discussions and critically assess web page design (A, D)

* Capital letters after Expected Student Learning Outcomes reference the course goals listed above.

IV. Evaluation:

A. Testing Procedures:

Course is project-based.

B. Laboratory Expectations:

N/A

C. Field Work:

N/A

D. Other Evaluation Methods: 100 percent of grade. The course grade will be based on the following criteria:

- Layout design (using Fireworks)
- Implementation of CSS into the site layout
- Interactivity
- Well-organized and attractive site
- Responsive on a 56 Kbps Modem (The typical web user)
- Easy to read and navigate the site

E. Grading Scale:

<i>A</i>	90-100%
<i>B+</i>	85-89%
<i>B</i>	80-84 %
<i>C+</i>	75-79%
<i>C</i>	70-74 %
<i>D</i>	60-69 %
<i>F</i>	0-59 %

V. Policies:

A. Attendance Policy:

Pellissippi State expects students to attend all scheduled instructional activities. As a minimum, students in all courses (excluding distance learning courses) must be present for at least 75 percent of their scheduled class and laboratory meetings in order to receive credit for the course. Individual departments/programs/disciplines, with the approval of the vice president of the Learning Division, may have requirements that are more stringent. In very specific circumstances, an appeal of the policy may be addressed to the head of the department in which the course was taken. If further action is warranted, the appeal may be addressed to the vice president of Academic Affairs.

B. Academic Dishonesty:

Academic misconduct committed either directly or indirectly by an individual or group is subject to disciplinary action. Prohibited activities include but are not limited to the following practices:

- Cheating, including but not limited to unauthorized assistance from material, people, or devices when taking a test, quiz, or examination; writing papers or reports; solving problems; or completing academic assignments.
- Plagiarism, including but not limited to paraphrasing, summarizing, or directly quoting published or unpublished work of another person, including online or computerized services, without proper documentation of the original source.
- Purchasing or otherwise obtaining prewritten essays, research papers, or materials prepared by another person or agency that sells term papers or other academic materials to be presented as one's own work.
- Taking an exam for another student.
- Providing others with information and/or answers regarding exams, quizzes, homework or other classroom assignments unless explicitly authorized by the instructor.
- Any of the above occurring within the Web or distance learning environment.

C. Accommodations for disabilities:

Students who need accommodations because of a disability, have emergency medical information to share, or need special arrangements in case the building must be evacuated should inform the instructor immediately, privately after class or in her or his office. Students

must present a current accommodation plan from a staff member in Services for Students with Disabilities (SSWD) in order to receive accommodations in this course. Services for Students with Disabilities may be contacted by going to Goins 127, 132, 134, 135, 131 or by phone: 539-7153 or TTY 694-6429. More information is available at <http://www.pstcc.edu/sswd/>.

D. Other Policies:

Students must have a valid PSCC ID to be presented on demand to gain access to PSCC facilities.