ITSC 1191 Special Topics in Computer and Information Science – Drupal (1)

Topics address recently identified current events, skills, knowledge, and/or attitudes and behaviors pertinent to the technology or occupation and relevant to the professional development of the student. This course may be repeated if topics and learning outcomes vary. (1 Lec.)

**Prerequisites:** Prior working knowledge and experience with HTML and CSS or instructor approval.

**Objectives:** The objective of this class is to explore and apply aesthetics in the design and creation of graphical and structural elements for web pages using the popular Web Content Management System (CMS) Drupal.

**Overview:** During this course, you will be creating your own website using the Drupal Content Management System (CMS).

**Competencies:**
Successful completion of this course will enable the student to:

1. Install and configure Drupal for a website.
2. Create a web site using Drupal with both blog entries and static pages
3. Create and manage content using Drupal
4. Find and use Drupal modules
5. Use and customize a Drupal theme
6. Manage multimedia within Drupal

**Workforce Skill Standards:** The Web Design and Development program is Texas Skills Standard compliant with the Web Development and Administration skill cluster. This course is a part of this curriculum. Taken through Brookhaven College, this course meets key activities as determined by professionals in the various fields of web design, development and administration. The workforce key activities this course addresses are referenced within the learning outcomes. To learn more about the Texas Skill Standards, visit the website: [www.tssb.org](http://www.tssb.org)

Texas Skill Standards key activities covered in this course include:

1. Gather data to identify customer requirements and capacity (A1)
2. Define scope of work (A2)
3. Prepare and present functional and technical specifications (A3)
4. Prepare preliminary application (A4)
5. Create and refine preliminary design or mockup (A5)
6. Review technical considerations and constraints (A6)
7. Develop project plan (A7)
8. Develop site map application models and user interface specifications (B1)
9. Choose a site plan (B2)
10. Research content and information architecture (C1)
11. Develop and present concept alternatives (C3)
12. Create or adapt content (C4)
13. Produce graphics, layout elements and applicable code (C5)
14. Update content (C6)
15. Plan rollout (D1)
16. Facilitate move to production system (D2)
17. Hand off to customer or user (D3)

Course Materials:

There is no required textbook for this course. We will be using online resources only.

Instructor Information

Professor Patti Burks
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Email: pburks@dcccd.edu
Office: K104 (Brookhaven Campus)

Office Hours: 3:00-4:30 p.m. Monday - Thursday

Course Outline:

- Unit A: Drupal
  - Weeks 1-2 Discussion A
  - Week 3 Lab A1
  - Week 5 Lab A2

Attendance/Participation Expectations:

- Students will attend class and participate in class exercises and discussions.
- Students will follow the tutorials.
- Students will study and complete the assignments as designated by the instructor.
- Students will complete assignments and tests in a timely manner.

Course Evaluation:

You will accumulate course points for work done as follows:

<table>
<thead>
<tr>
<th>Component</th>
<th>Maximum Points</th>
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<tbody>
<tr>
<td>1 Discussions @ 75 points each</td>
<td>75</td>
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<tr>
<td>2 Labs @ 130 points each</td>
<td>260</td>
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</tbody>
</table>
Your final course grade will be determined as shown:

<table>
<thead>
<tr>
<th>Points Earned</th>
<th>Final Grade</th>
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<tbody>
<tr>
<td>300-335</td>
<td>A</td>
</tr>
<tr>
<td>265-299</td>
<td>B</td>
</tr>
<tr>
<td>230-264</td>
<td>C</td>
</tr>
<tr>
<td>195-229</td>
<td>D</td>
</tr>
<tr>
<td>000-194</td>
<td>F</td>
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**Late Points**

A late penalty of 5 points per week will be assessed on any assignment that is turned in late. Late assignments will only be accepted for 1 month past the due date or on the final date of the course whichever is sooner.

You can access your current point total at any time during the semester in eCampus.

**Last date to withdraw with a W:** December 8, 2015

Your instructor reserves the right to modify the course requirements, assignments, grading procedures and other related policies as circumstances dictate. Additional exam or course information may be posted in the Announcements section of the course throughout the semester.

All students in this course are expected to abide by the rules and regulations as set forth in both the DCCCD Student Code of Conduct and the DCCCD Rules for Responsible Computing. Failure to comply may result in legal and/or disciplinary action.

**Fall 2015 Syllabus Addendum - Institutional Policies:** [View Syllabus Addendum]