CSCI 4460 Syllabus (08)

COURSE NUMBER: **CSCI 4460**
COURSE TITLE: **Content Management Systems**
CREDITS: 3
PREREQUISITES: CSCI 3300 and 4400

INSTRUCTOR: Name: Leong Lee
                   Office: Maynard 214
                   Office Hours: Mon/Wed 9:00am-10:00am, 11:10am-12:15pm
                                  Fri 9:00am-10:00am, or by appointment
                   Phone: 931-221-7038
                   E-mail: leel@apsu.edu

CLASS WEB SITE: Please refer to D2L.

PROGRAMMING TUTORING
Check out programming peer tutoring service/timing/venue at this link, or use the following URL:
http://www.apsu.edu/csci/opportunities_resources/computer-science-tutoring-services.php

COURSE DESCRIPTION
This course introduces the concept of data and content management to the students. Students are to install, setup, configure, and use a content management system to create fully-fledged data and content rich websites with customizable add-on features. Students will learn how to program and configure this content management system to tap into its programmable development potentials.

COURSE OBJECTIVES
Upon successful completion of this course students should be able to
1. Install, setup, configure, and create a WordPress site.
2. Add features to the WordPress site using widgets and plug-ins.
3. Build a WordPress Blog.
4. Customize WordPress themes to create an advanced site that looks exactly the way you want it to.
5. Develop and build WordPress themes.
6. Use and develop plug-ins with WordPress.
7. Use WordPress as a content management system to power fully fledged websites.
8. Apply strategic management theories and concepts to formulate and implement major goals and initiatives in terms of IT/CS management.

TIME AND PLACE OF CLASS: Tue/Thur 11:10am-12:35pm, Maynard 130

REQUIRED LEARNING RESOURCES
Textbooks: 1. WordPress: The Missing Manual (2nd Edition), by Matthew MacDonald, ISBN-13: 978-1449341909, O'Reilly Media.
              2. Smashing WordPress: Beyond the Blog (4th Edition), by Thord Daniel Hedengren, ISBN-13: 978-1118600757, Wiley. (Note: This book is currently out of print. You can download the digital copy, ISBN: 978-1-1186-0074-0. You do NOT need to buy the paper copy. Coding examples are available on the secondary website.)

Others: A USB Flash Drive
                  Personal Computer or Laptop with Internet Access

ATTENDANCE POLICY AND CLASS PARTICIPATION
Students are expected to attend all classes, arrive on time and participate in classroom discussions. Students are expected to remain in class until the class is finished unless extenuating circumstances such as illness requires the student to leave. If a student leaves class early, the instructor must be notified as to the reason that the student left. Any student who has not attended class and/or submitted assignments for a three week period will receive an FA grade.

ASSIGNMENTS / PROJECTS
Assignments (projects) will be both written and programming. The instructor will not make any adjustments to a student's code when grading, so if any submitted program does not compile (or run) the student will get a zero on the "correctness" portion of the grade (or **50 points** off the overall grade), with no exceptions. Program source code will be turned in electronically.

LATE POLICY AND MAKEUP EXAMS
Assignments (projects) are due on the stipulated due dates, and may be turned in **up to 7** calendars days late with a **25% late penalty**. No assignment will be accepted more than 7 calendar days after the original due date! Students with planned absences, whether for university events, religious observance, or other reason, are expected to make arrangements with the instructor to turn in assignments or take exams before the scheduled date of the assignment or test.

Exam/test dates are on the schedule on the following page — if there are any changes, they will be announced at least one week in advance if possible. A missed exam may be made up only if it was missed due to an extreme emergency and arrangements are made before the exam date. Exams may not be taken early or late due to personal travel plans.

EVALUATION AND GRADING
Each student activity will contribute to the final grade in the class according to the following percentages.

Activity	Percentage
Assignments	75%
Mid-semester exam	25%

Final Percentage	Final Grade
90 - 100	A
80 - 89	B
70 - 79	C
60 - 69	D
Below 60	F

SPECIAL EVALUATION REQUIREMENT
This course is project based. There are five programming assignments (mini-projects) for this course. Students are required to submit **all five assignments**, and score more than 50% for each assignment. If a student scores **less than 50%** for **any one assignment**, the student **will receive an "F" grade** for this class. There is **no final exam** for this course.

POLICY ON MINORS
Minors (any non-student under the age of 18) accompanying staff, faculty, students or visitors on campus are not permitted in the classroom.

DISABILITY POLICY
Any student who has a disability that may affect his/her academic performance is encouraged to make an appointment with me to discuss this matter, or you may contact Disability Services; telephone 221-6230; tty 221-6278; fax 221-7102.

ACADEMIC MISCONDUCT
Students are expected to conduct themselves appropriately at all times. Academic and classroom misconduct will not be tolerated. Students must read the "Code of Student Conduct" in the new Student Handbook for an understanding of what will be expected of them within the academic setting.

Students are required to turn in their own work and not the work of others. Collaboration on homework, assignments, quizzes, and exams is prohibited, unless otherwise specified by the instructor. Likewise, **plagiarism** of other's work or web-related sources constitutes a serious infraction. This includes submitting work very similar to another student's project, copy and paste from Internet searches, and Internet sites for hiring coders to complete a project. "Penalties for academic misconduct will vary with the seriousness of the offense and may include, but not limited to, a grade of "F" on the work in question, a grade of "F" in the course, reprimand, probation, suspension and expulsion." (Quoted from APSU Academic and Classroom Misconduct). Protect your own work. Do not leave your assignments on the hard drives of the computers or printers in the lab for others to see.

TOPICAL OUTLINE/CALENDAR

Week / Date	Topic	Reading	Remarks / Due / Exam
1 1/16, Tue	The WordPress Landscape WordPress.com WordPress on Your Web Host Strategic Mgt Lesson 1 - Maslow's Hierarchy of Needs	Missing Manual Ch. 1 Missing Manual Ch. 2 Missing Manual Ch. 3 Strategic Mgt Lesson 1 - Maslow's Hierarchy of Needs	
2 1/22, Mon	WordPress on Your Web Host Creating Post Choosing Theme Strategic Mgt Lesson 1 - Maslow's Hierarchy of Needs	Missing Manual Ch. 3 Missing Manual Ch. 4 Missing Manual Ch. 5 Strategic Mgt Lesson 1 - Maslow's Hierarchy of Needs	
3 1/29	Jazzing Up Your Posts Adding Pages and Menus Strategic Mgt Lesson 2 - Financial Management Aspect	Missing Manual Ch. 6 Missing Manual Ch. 7 Strategic Mgt Lesson 2 - Financial Management Aspect	1/29: Last day to drop classes without record
4 2/5	Comments Plug-ins Strategic Mgt Lesson 3 - Strategic Management	Missing Manual Ch. 8 Missing Manual Ch. 9 Strategic Mgt Lesson 3 - Strategic Management	**Assignment 1** Due – 2/9 Fri

Week / Date	Topic	Reading	Remarks / Due / Exam
5 2/12	Adding Multimedia Multiple Authors Attracting a Crowd Strategic Mgt Lesson 4 - SWOT Analysis	Missing Manual Ch. 10 Missing Manual Ch. 11 Missing Manual Ch. 12 Strategic Mgt Lesson 4 - SWOT Analysis	
6 2/19	Editing Themes Advanced WordPress Site Strategic Mgt Lesson 4 - SWOT Analysis	Missing Manual Ch. 13 Missing Manual Ch. 14 Strategic Mgt Lesson 4 - SWOT Analysis	
7 2/26	Anatomy of a WordPress Install The WordPress Syntax Strategic Mgt Lesson 5 - BCG Matrix	Beyond the Blog Ch. 1 Beyond the Blog Ch. 2 Strategic Mgt Lesson 5 - BCG Matrix	2/26: Last day to drop classes with an automatic "W" **Assignment 2** Due – 3/2 Fri
8 3/5			3/4-3/10: **Spring Break**, no class
9 3/12	The Loop	Beyond the Blog Ch. 3	**Mid-semester exam** – 3/13 Tue
10 3/19	Theme Essentials	Beyond the Blog Ch. 4	**Assignment 3** Due – 3/22 Thu
11 3/26	Child Theme Concept	Beyond the Blog Ch. 5	3/30: Last day to drop classes with a "W", "F"; 3/30: **Good Friday** Holiday 3/31: Mandatory "F" period begins
12 4/2	Advanced Theme Usage	Beyond the Blog Ch. 6	**Assignment 4** Due – 4/6 Fri
13 4/9	Making the Most of Plug-ins	Beyond the Blog Ch. 7	
14 4/16	Plug-ins or functions.php? Using WordPress as a CMS	Beyond the Blog Ch. 8 Beyond the Blog Ch. 9	
15 4/23	Using WordPress as a CMS	Beyond the Blog Ch. 9	4/25, Wed: Last day of classes **Assignment 5** Due – 4/25 Wed
16 4/30	**No Final Exam**		Note: **Final Exam**

LAPTOPS AND OTHER ELECTRONIC DEVICES IN THE CLASSROOM
Cell phones must be turned off or on vibrate during class. NO cell phone can be answered during class unless there is an emergency situation and you have discussed the emergency with the instructor prior to class. No text messaging is permitted during class. Laptops/tablets are permitted whenever the student considers the laptop/tablet as an enhancement of his/her learning experience. However, the student MUST be using the laptop/tablet in a manner that directly relates to the content of this class such as viewing the slides from the lecture or taking notes. The laptop/tablet must not be a distraction to others in the class. No other electronic devices will be allowed in class without prior consent of the instructor.

CAVEAT
The above schedule and procedures are subject to change in the event of extenuating circumstances.