CIS 4004 – Web Based Information Technology
Spring 2011 - Syllabus

Course Prerequisites: CNT 3004 and COP 3330
Class Meets: Monday, Wednesday, and Friday from 11:30am – 12:20 pm in HEC 118

Instructor: Dr. Mark Llewellyn

Office: HEC 236
Office Hours: Monday & Wednesday 12:30 – 1:20 pm and 2:30 – 3:20 pm
    Tuesday & Thursday 10:30 am – 12:30 pm
    Friday 12:30 – 1:20 pm

Phone: 407-823-2790   (voice mail available)
E-mail: markl@cs.ucf.edu
Course Web Site: www.cs.ucf.edu/courses/cis4004/spr2011

Course Objective:
  This course will expose you to the world of web-based information technology including digital libraries, media formats, compression techniques, streaming media, mobile Internet and WML (wireless markup language). We'll also examine emerging technologies and capacity planning techniques for web services.

Texts: The following text will be used (somewhat) in this course:
  Programming the World Wide Web 6th edition, Robert Sebesta,   Addison-Wesley/Pearson, Publishers. **ISBN**: 978-0-13-213081-3

Grading:
  Exam 1 – 25%
  Exam 2 – 25%
  Projects 3-4 total – 45%
  Attendance – 5% (students are expected to attend all scheduled class meetings.   I will take attendance on random days. A sign-in sheet will be passed around on these days.)

  Final Exam Period (Wednesday April 27th from 10:00am – 12:50 pm)..................
  Grading Scale:
    Plus/minus grading will not be used in this course.

    90-100 = A, 80-89 = B, 70-79 = C, 60-69 = D, <60 = F

Some Important Dates:
  No Class: Monday January 17th – Martin Luther King Day
         Monday March 7th thru Friday March 12th – Spring Break
  Last Day To Withdraw: Friday March 4th
  Last Day Of Regular Classes: Monday April 26th
  Final Exam: Wednesday April 27th from 10:00 am – 12: 50pm

Some Of The Topics To Be Covered:

1. HTTP, HTML, XML, XHTML

2. CSS

3. Document Object Model

4. AJAX (Asynchronous JavaScript and XML)

5. PHP and MySQL Integration

6. Flash

7. 4G networking

This is a general list of topics only and is subject to the needs of the class. It will be altered without notice, but will generally follow the same progression. At the end of each class I will tell you what we will be discussing during the next class period.

Project Submissions:
We will be using WebCourses for all project submissions. Projects must be turned in through WebCourses on the assigned day for full credit. There will be a 10% penalty for projects turned one day within the due date and time. There will be a 25% penalty for projects turned in two days within the due date and time. **No projects will be accepted after two days after the Due Date.**

Academic Integrity: Plagiarism and cheating of any kind on an examination or project will not be tolerated. It may result in an "F' for that assignment (and can, depending on the severity of the case, lead to an "F" for the entire course). The violation may be subject to appropriate referral to the Office of Student Conduct for further action. Please refer to The Golden Rule (http://www.goldenrule.sdes.ucf.edu/) of the University of Central Florida's Student Handbook for further information.

Lab Times:
There are no regularly scheduled labs for this course.   The TA for the course (see below) will have office hours to answer any programming related questions that you may have and to assist you with the programming of your course assignments. We may also schedule some more formalized group help sessions for some of the programming assignments.

TA Information:
The TA for the course is TBA. The TA's office hours will be announced later and posted on the course web page...