

CIS 4004 – Web Based Information Technology

Fall 2012 - Syllabus

Course Prerequisites: CNT 3004 and COP 3330

Class Meets: Tuesday and Thursday from 12:00 – 1:15 pm in HEC 118

Instructor: Dr. Mark Llewellyn

Office: HEC 236

Office Hours: Monday & Wednesday 12:00 – 3:00 pm
Tuesday & Thursday 2:00 – 4:00 pm

Phone: 407-823-2790 (voice mail available)

E-mail: markl@cs.ucf.edu

Course Web Site: www.cs.ucf.edu/courses/cis4004/fall2012

Course Objective:

This course will expose you to the world of web-based information technology including markup languages, client-side and server-side scripting languages, 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 is recommended for the course:

PInternet and World Wide Web – How to Program, 5e, Deitel, Pearson Education.

ISBN-13: 978-0-13-215100-9

Grading:

Exam 1 – 25%

Exam 2 – 25%

Projects 3-4 total – 50%

Final Exam Period (**Thursday December 6th 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: **Thursday November 22nd – Thanksgiving Break**

Last Day to Withdraw: **Monday October 29th**

Final Exam: **Tuesday December 6th – 10:00am – 12:50 pm**

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. SOAP
7. SOA

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...