

CNT 4714 – Enterprise Computing Fall 2009 - Syllabus

Course Prerequisites: COP 3503, MAD 2104, CGS 3269

Class Meets: Monday, Wednesday, and Fri from 10:30 – 11:20 am in HEC 117

Instructor: Dr. Mark Llewellyn

Office: HEC 236

Office Hours: Monday & Wednesday 1:00 – 3:00 pm

Tuesday & Thursday 3:00 – 4:15 pm and 6:30 – 7:30 pm

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Course Web Site: www.cs.ucf.edu/courses/cnt4714/fall2009

Course Objective:

This course will expose you to the world of heterogeneous enterprise computing architecture with an emphasis on networked, distributed applications using objects.

Texts: The following text will be used (somewhat) in this course:

Advanced Java 2 Platform – How to Program, Deitel, Deitel, & Santry, 2002, Prentice-Hall, ISBN: 0-13-089560-1.

Grading:

Three exams will be given, two regular exams and a final exam (comprehensive). Exams are given once – be there as there are no dropped test scores. There will be four or five programming assignments. Programs submission guidelines will be given later. The programming assignments are to be individual efforts.

Programming assignments (total)	50%
2 Regular Exams (15% each).....	30%
Final Exam (Monday December 14 th - 10:00 am – 12:50pm)	20%

Grading Scale:

Plus/minus grading will be used in this course.

90-100 = A, 88-90 = A-, 86-88 = B+, 80-86 = B, 78-80 = B-, 76-78 = C+,
70-76 = C, 68-70 = C-, 66-68 = D+, 60-66 = D, 58-60 = D-, <58 = F

Some Important Dates:

No class: [Monday September 7th – Labor Day](#)

[Wednesday November 11th - Veteran's Day](#)

[Friday November 27th – Thanksgiving Break](#)

Last Day to Withdraw: [Friday October 16th](#)

Final Exam: [Monday December 14th - 10:00am – 12:50pm](#)

Topics To Be Covered:

1. Multi-threaded applications
2. Java Networking – socket level
3. HTTP, HTML, XML, XHTML.
4. ODBC, JDBC, MySQL
5. Event-driven programming (GUIs) ??
6. Security issues.
7. Servlets, Java Server Pages.
8. PHP, ASP
9. J2EE
10. SOAP and CORBA

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.

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...