COP 4610L – Distributed Applications in the Enterprise
Spring 2005 - Syllabus

Course Prerequisites: COP 3330, COP 3503, EEL 4882, and CGS 2545
Class Meets: Monday, Wednesday and Friday from 10:30 am – 11:20 am in ENG2 105

Instructor: Dr. Mark Llewellyn

Office: CSB 242   **Office Hours:** Monday: 1:30 – 3:30pm
                                                    Tuesday 1:00 – 3:00pm
                                                    Wednesday: 1:30 – 3:30pm

Phone: 407-823-2790   (voice mail available)
E-mail: markl@cs.ucf.edu
Course Web Site: www.cs.ucf.edu/courses/cop4610L/spr2005

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

Grading:
Two exams will be given, a midterm exam 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%
Mid-term Exam (on or about February 25th) 25%
Final Exam (Monday May 2nd - 10:00am - 12:50pm) 25%

Grading Scale:
90-100 = A, 80-89 = B, 70-79 = C, 60-69 = D, <60 = F
Plus/minus grading will not be used in this course.

Some Important Dates:
No class: Monday January 17th – Martin Luther King Jr. Day
                Week of March 14th (14th thru 18th) – Spring Break
Last Day to Withdraw: Friday March 4th
Final Exam: Monday May 2nd - 10:00am - 12:50pm

Topics To Be Covered:

1. Advanced Swing GUI Programming – event driven programming

2. Java Networking – socket level

3. HTTP, HTML, XML, XHTML.

4. ODBC, JDBC, MySQL

5. Multithreading.

6. Security issues.

7. Servlets, Java Server Pages.

8. PHP, ASP

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. TAs for the course 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.

TA Information:
The TA for the course is Arslan Basharat. Arslan is a Computer Science PhD student. Arslan's contact information will appear on the course website later.