

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

Course Prerequisites: COP 3330, COP 3503, EEL 4882, and CGS 2545

Class Meets: Monday and Wednesday from 3:00 pm – 4:15 pm in ENG2 105

Instructor: Dr. Mark Llewellyn

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

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

E-mail: markl@cs.ucf.edu

Course Web Site: www.cs.ucf.edu/courses/cop4610L/fall2005

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 October 5 th)	25%
Final Exam (Wednesday December 7 th - 1:00 - 3:50pm).....	25%

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 5th – Labor Day](#)

Last Day to Withdraw: [Friday October 14th](#)

Final Exam: [Wednesday December 7th - 1:00 - 3:50pm](#)

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
9. J2EE

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.

TA Information:

The TA for the course is Rosa Enciso. Rosa is a Computer Science PhD student. Rosa's contact information will appear on the course website later.