

COP 4610L – Distributed Applications in the Enterprise Spring 2006 - 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 – 3:00pm
Tuesday 1:00 – 3:00pm
Wednesday: 1:30 – 3:00pm

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Course Web Site: www.cs.ucf.edu/courses/cop4610L/spr2006

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:

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 May 1 st - 10:00am - 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 January 16th – Martin Luther King Day](#)

Last Day to Withdraw: [Friday March 3rd](#)

Final Exam: [Monday May 1st - 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
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 TBA.