

COP 4610L – Distributed Applications in the Enterprise Fall 2007 - Syllabus

Course Prerequisites: COP 3503

Course Corequisite: EEL 4882

Class Meets: Tuesday, and Thursday from 10:30 – 11:45 am in HEC 103

Instructor: Dr. Mark Llewellyn

Office: HEC 236 **Office Hours:** Monday & Wednesday: 1:00 – 2:00 pm
Tuesday: 12:30-1:30 pm
Tuesday & Thursday 3:00 – 4:30 pm

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

E-mail: markl@cs.ucf.edu

Course Web Site: www.cs.ucf.edu/courses/cop4610L/fall2007

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 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 (Tuesday December 4 th - 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: [Thursday November 22nd](#) – Thanksgiving

Last Day to Withdraw: [Friday October 12th](#)

Final Exam: [Tuesday December 4th - 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. We may also schedule some more formalized group help sessions for some of the programming assignments.

TA Information:

The TA for the course is J.T. Folsom-Kovarik. J.T.'s office hours will be announced later and posted on the course web page..