

## Syllabus: COP 4610L: Operating Systems (Fall 2002)

**Objective:** The objective of this course is to expose you to the world of heterogeneous enterprise computing architecture with emphasis on distributed applications using distributed objects.

**Structure:** MW 4:00-5:15, CL1 109; 29 class periods, each 75 minutes long.

**Instructor:** Charles Hughes; CSB 206; 823-2762; ceh@cs.ucf.edu

**GTA:** Mathew Lowery; CC1 202; TBD; mlowery@cs.ucf.edu

**Office Hours:** MW 1:30-3:00; R 10:00-11:45

**Text:** Deitel, Deitel and Santry, *Advanced Java™ 2 Platform*, Prentice-Hall, 2002.

**Prerequisites:** COP3330 (OOP), COP3503 (CS2), EEL 4882 (OS), CGS 2545 (Databases).

**Implementation Environments:** You will be regularly using Java. You do not need to be a Java expert, but you must be familiar with it at the level of student who has completed COP3330 and COP3503. Feel free to ask others for guidance to quickly solve trivial problems with Java syntax or with using Borland JBuilder and the JDK. If you have serious problems, come see me or the GTA, Mathew Lowery.

**Assignments:** 3 or 4 small to moderate programming assignments (some are multi-part) using a variety of frameworks and APIs. Around 5 or 6 non-programming assignments. One fairly large project.

**Exams:** Midterm and a final, and maybe a quiz.

**Material:** From Deitel: Chapters 1-3, 6-10, 12-16, 22-24, 26-29, Appendix A, B, C. Parts of this are on CD in text. Class notes.

**Important Dates:** Labor Day -- September 2; MidTerm -- October 2; Withdraw Deadline -- October 11; Veterans Day -- November 11; Final -- December 4, 16:00-18:50

**Evaluation (Tentative):**

Mid Term -- 150 points

Final Exam -- 150 Points

Assignments -- 300 Points

Total Available: 600

Grading will be A-90%+, B-80%+, C-70%+, D-50%+, F-below 50%

**Resources:**

Free Software IDEs: JBuilder 7 Personal; Forte for Java CE; DrJava (for a refresher on Java); Java Tutorial Sites: Deitel&Deitel; Sun Java Site; Lots more in text

**Outline:**

See web page (<http://www.cs.ucf.edu/courses/cop4610/fall2002>)

**Rules of Games:**

Unless explicitly stated otherwise, all assignments (programming and non-programming) must be your own independent work. Copied or cooperatively developed materials will be rejected, leading to no grade on the assignments.

Cheating on exams will lead to immediate expulsion from the course.

All mail sent to me that is associated with this course MUST have COP4610 in its subject field.

The schedule is highly speculative. In fact, I already know I will change the order of material to accommodate discussing those topics in time to be useful for your projects.