COP 4910 – Frontiers in IT – Fall 2005 – Syllabus

Course Prerequisites: COP 4610L (OS Lab) or CDA 4506L (Network Lab, aka. CET 4741L)
Class Meets: Tuesday & Thursday from 9:00 - 10:15 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

Phone: 407-823-2790   (voice mail available)
E-mail: markl@cs.ucf.edu
Course Web Site: www.cs.ucf.edu/courses/cop4910/fall2005

Course Objective:
   COP 4910 serves as the "capstone experience" for IT majors at UCF. The Frontiers course involves research into leading edge IT technologies that have a high likelihood of affecting the IT workplace within the two to five year time frame. The primary goal of this course is for students to learn how to understand and plan for the effects of new technologies in the work place. A secondary goal is the practice of communication skills necessary to propose and implement new technologies within an organization. Students will choose an IT area of interest or emerging technology, then develop, document and present a project in that area during the semester.

Texts: The following text is required: **None!**

Attendance: Regularly scheduled class times will be used for lectures, the presentation of student research and final projects, as well as status meetings between the instructor and student groups during the course of the semester. For lecture sessions, attendance is strongly encouraged so that students see the types of issues and subject areas that should be addressed in their final projects.

   Attendance is <u>mandatory</u> for status meetings scheduled with the instructor. Students missing a status session are subject to a 5% point penalty on their overall grade.

   Attendance is <u>mandatory</u> whenever any students are giving presentations. More details on this will appear later – once the groups are established and we can better determine the number of days that will be required for presentations.

**Course
Grades:**   Grading for this course will be based on the quality of the project developed by each student or group and the quality of research performed. Qualitative considerations include:

- Innovative application of the technology to solving business problems
- Formulation of the technology as a disruptive technology along with the identification of an emerging market space.

- Use of technology to facilitate improved automation and operation efficiency in modern business.

The overall course grade will be determined out of 100% as follows:

A	90 – 100%
B	80 – 89%
C	70 – 79%
D	60 – 69%
F	Less than 60%

The instructor reserves the right to use +/- grades and to lower grade boundaries at the end of the term. Grade boundaries will not be increased. Grades will be based on the following project components (see website for due dates and requirements):

Top 10 List	5%
Mini Topic Reports (probably 2)	15%
Project Presentation	30%
Final Written Project Report	50%

A complete set of project and course related dates and deadlines will be posted on the course website as soon as all groups have been formed. Assignments or projects turned in late will be subject to a 10% per day penalty.

Some Important Dates:
No class: Thursday November 24th – Thanksgiving
Last Day to Withdraw: Friday October 14th
Final Exam: Tuesday December 6th - 7:00-9:50am

TA Information:
The TA for the course will be announced later.