Instructor: Dr. Pawel Wocjan
Time: Tu Th 1:30pm – 2:45pm
Location: HEC 0103

Office hours: Tu Th 3:00pm – 4:15pm
Email: wocjan@eecs.ucf.edu
Phone: (407) 823-2844
Web page: http://www.eecs.ucf.edu/~wocjan/Teaching/COT6410-Spring2010

Prerequisites: COT 5405 “Design and Analysis of Algorithms”

Book:

Topics to be covered:
We will cover Chapters 1 – 4 and Section 5.2 Optimal Search Algorithms for NP.

We will also cover probabilistically checkable proof systems and their relation to the study of the complexity of approximation algorithms (Section 9.3 Probabilistically Checkable Proof Systems of the book “Computational Complexity – A Conceptual Perspective” by Oded Goldreich, Cambridge University Press, 2008).

Grading Policy:
The final grade will be determined as follows: 10% homework, 25% first midterm exam, 25% second midterm exam, 40% final exam.

I will give you homework assignments approximately every two weeks. I will present detailed solutions for the homework assignments in class and/or post the solutions on the course web page. The problems on the exams will be similar in nature to those on the homework assignments.

First midterm exam: TBA
Second midterm exam: TBA
Final exam: 04/26 (Tuesday) 1:00pm – 3:50pm

This is the official date/time for the final exam as specified by the UCF Spring 2011 Final Exam Schedule. You may not take the final exam on a different day/during a different time.

The grades are A/B/C/D/F. You may also receive +/-.
I will return the exams and homework assignments in class or you may pick them up during my office hours.

**Academic Integrity/Plagiarism:**
Plagiarism and cheating of any kind on an examination or assignment will result at least in an "F" for that assignment (and can, depending on the severity of the case, lead to an "F" for the entire course) and may be subject to appropriate referral to the Office of Student Conduct for further action. See the UCF Golden Rule for further information. I will assume for this course that you will adhere to the academic creed of this University and will maintain the highest standards of academic integrity. In other words, do not cheat by giving answers to others or taking them from anyone else.

I will also adhere to the highest standards of academic integrity, so please do not ask me to change (or expect me to change) your grade illegitimately or to bend or break rules for one person that will not apply to everyone.