**The Business of Computing**
**CSS 371**
**University of Washington, Bothell**
**Spring Quarter 2003**
**http://faculty.washington.edu/leonga/BC/BC.htm**

Alan Leong
Class: M/W 3:30 – 5:35; UW1-202
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Office hours are also by appointment. I am not likely to check the office phone except on class days. If I am not in, please leave a phone number and times when I can reach you. If necessary, I can call you back during the evening.

To request academic accommodations due to a disability, please contact Disabled Student Services (DSS) in the Counseling Center, Room 145, (425) 352-5000, (425) 352-5303 (TDD). If you have a documented disability on file with the DSS office, please have your DSS counselor contact me and we can discuss accommodations you might need in class.

**Overview**: This course is about acquainting students with business skills that are required for effective software project management. In Alan Leong's section, you'll learn some of the newer material coming out of software project management: agile development, software marketing, and process management. It's all framed within the "New IT". This "New IT" also provides the rationale for why it's so important for CSS students to learn about finance and marketing. You will then learn from John Rasmussen about how to conduct a financial evaluation of a new project.

1. What is the New IT?
2. Gathering Software Product Requirements
3. Process Mapping
4. Lightweight Software Development Methodologies

**Prereqs:** The Business of Computing is appropriate for entering CSS students, and interested students from other programs. Most of all, you must display self-initiative with regard to researching homework answers and engaging in classroom discussion and exercises.

**Readings:** Required readings accessed through the online reserve

**Grading:** Assignments & Project 48%, Class Participation 12%, Tests 40%

**Assignments:** Your answers should be written in the form of a memo. Construct well thought out answers, which go beyond merely restating the readings. You must elaborate with your own creative insights. The instructor reserves the right to conduct an in-class oral exam on your submitted homework. Homework turned in after class is late and will be graded at 50% credit.

**Grading Criteria and Method**

*Course Grade:* Your earned grade for Alan Leong's section of the course is based upon a percentage of the top score achieved in the class. The top score is assigned a value of 100%. Numerical grades are then based on how close your score is to the top score. Specifically 100% = 4.0, 99% = 3.9; 98% = 3.8; and so on. This is not a curve as everyone can theoretically qualify for a certain grade range like over 3.8 or under 2.0. I reserve the right to modify this scale ± 2% based upon my judgment of the overall class performance.

*Class Participation:* Class participation includes such behaviors as asking questions, listening attentively, participating in discussions, and class exercises. Be proactive in making comments or raising questions during the lecture or other class activities. You can certainly voice your dissent to someone's stated position, but we should maintain an atmosphere of mutual respect.

If you are "shy" about getting involved in the rough and tumble of class discussions and exercises, there are some things to remember. Your assignments include discussion questions (and exercises) that will help you get a jump on class participation. If you feel this is still a problem, you should visit the instructor early in the term and ask for help.

A class message board can be accessed through my course home page. You can post your comments about things relevant to the course, and engage other students in a discussion. Posting is optional.

**Schedule:** (The schedule may be modified to accommodate the Guest Speakers)

| Week | Topics | Activities & Assignments |
|---|---|---|
| 3/31 & 4/2 | Project Kickoff - Team Formation<br>The Fusion of Process Mgt, Software Dev, and the New Analyst | Assignment 0 due 4/2<br>Picture Taking |
| | | |
| 4/7 & 4/9 | Early Crises & Design<br>Process Mapping Tips, Quiz | Assignment 1<br>Team Documents Due, Quiz |
| | | |
| 4/14 & 4/16 | Guest Speaker: Extreme Programming<br>Guest Panel: Project Management | Assignment 2 |
| | | |
| 4/21 & 4/23 | Guest Speaker: Modeling<br>Final Quips on Project and Process Management | |
| | | |
| 4/28 & 4/30 | Lab Day<br>Midterm | Assignment 3 |
| | | |
| 5/5 & 5/7 | Presentations | Project & Peer Evals due 5/7<br>(Assignment 4 is Project) |
| | | |
| Rest of Course | Financial Project Evaluation<br>Professor John Rasmussen | See Professor Rasmussen |