



Computer Engineering Program

Senior “Capstone” Design Project Presentations (ECE and CMPSC 189A/B)

Date: Thursday, June 3, 2004

Time: 12:00pm to 5:00pm

Location: Engineering II, Pavilion

~ Pizza, Sodas, and Cake from Noon until... we run out! ~

Abstract: Group presentations of Senior "Capstone" Design Projects from CMPSC 189A/B and ECE 189A/B courses

Presentations: **Noon – 1:00pm:** Project group tables with poster board displays
1:00 – 5:00pm: Student group presentations every 10 to 15 minutes

ECE 189A/B: All projects include the design and implementation of a complete digital system – both hardware and software

- **BALANCEBOT:** Balancing Mobile Platform – Matt Buckley, Eric Chen
- **CAMERA:** Color Digital Still Camera – J. Hahn, G. Marquez, B. Quintana, D. Tai, M. Waldinger
- **FIREBOT:** Finds & Extinguishes Fires – A. Brill, J. Fitzgerald, B. Gerend, K. Schreck, E. Toon
- **FRIENDFINDER:** Mobile Locater – E. Joffe, Y. Kochinshi, N. Oza, C. Wardman, J. Wires
- **LAN INTERCOM:** Voice over IP – N. Baer, N. Campagna, E. Kovanis, M. Leonhardt, M. Schuricht
- **NAVGPS:** Self-Navigating Car – T. Bussen, D. Darakjian, D. Li, K. Nguyen, J. Wang
- **PDM:** Personal Digital Manager – J. Beck, E. Bornstein, S. Pintongkam, E. Wang
- **USB HUB:** Automated USB Hub – M. Christian, J. Netikosol, J. Totaro, R. Werts
- **WIZARD CHESS:** Automatic Chess Player – O. Cohen, N. Oza, A. Venneman

CMPSC 189A/B: Goals and timelines are set to emulate team-oriented software development in “high-stakes” settings

- **BEACHWATCH:** Coastal Wave Modeling – J. Almond, K. Kakligian, N. Kunes
- **MMOG/INFANTRY 3D:** A Networked Game Engine – E. Brooks, P. Noyes
- **MOBILE COMMANDER:** A cell phone SSH client interface – T. Bjorge, J. Seidel
- **ZZYZX:** Mobile Innovated Snood on a Cell Phone – T. Cannell, J. Purdy
- **APT-GOT:** A Debian Mirror Proxy – T. Hertkorn