### Schedule of Events

8:30am to 10:00 (ESB 2001): Breakfast Treats / ECE 188 and LITE Presentations  
10:00 to 12:00 (ESB 1001): Breakfast Treats / CS 189 “Capstone” Project Presentations  
12:00 to 1:00 (ESB Courtyard): Pizza Lunch / Group Poster Session  
1:00 to 5:00 (ESB 1001): Cake / ECE 189 “Capstone” Project Presentations

### Overview

The students will participate in a poster session and conduct presentations of their final group projects from the CS 189, ECE 189, ECE 188 courses and the LITE (Leadership in Team Engineering) Program.

### Presentation Projects

**TO SEE GROUP WEBSITES GO TO <http://www.ce.ucsb.edu/capstone.htm#proj>**

**LEADERSHIP IN TEAM ENGINEERING (LITE) PROJECT – ESB 2001**

**IDEAS:** (9:00) Aimed at creating an innovative game that teaches children about environmental conservation.

**ECE 188 PROJECT – ESB 2001**

**BIGXELs:** (9:30) A simple efficient, low-cost, very-large-scale picture element display using high-power LEDs and networked lighting control.

**CS 189 PROJECTS – ESB 1001**

**Phase 2:** (10:00) Automated computer infrastructure security assessment tools.

**Cyborg:** (10:30) Transcribed voicemail application incorporating SMS, Email and more on Google’s Android mobile device platform.

**ConnectRD:** (11:00) Video conferencing on the desktop using the web browser only and the ability to incorporate audio-only participants via voice-over IP.

**Picard:** (11:30) Using MapReduce and Cloud Computing to try and win the Netflix Prize, a recommendation algorithm competition.

**ECE 189 PROJECTS – ESB 1001**

**CFit:** (1:00) Digital personal trainer.

**PTS:** (1:25) Hospital patient tracking system.

**Microtouch:** (1:50) Touchscreen MP3 player.

**HiCam:** (2:15) Remote control blimp with camera.

**Icebreaker:** (2:40) Social awareness device.

**Acoustik:** (3:05) MP3 player.

**Quasi-M070:** (3:30) Bluetooth audio switch.

**WAM:** (3:55) Wide-area Mesh Network.

**Safe Teen Driver:** (4:20) GPS auto tracker.

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[http://www.ce.ucsb.edu/capstone](http://www.ce.ucsb.edu/capstone)