



Department of Computer, Electrical, and Information Technology

**CPET/ECET 491 Senior Design Project II
Presentations & Demonstrations**

Project Titles and Presentation Time

Friday, December 7, 2012

Room ET 346

Coffee, Soft Drinks, and Refreshments

- 08:00 - 08:30 AM: **"A PLC-Based Simulated Electrical Load Management System for Residential Smartmeter Application,"** Jon M. Kline and Derek Boissy, ECET 491/CPET 491
 - 08:30 - 09:00 AM: **"Renewable Energy Trickle Charger – 1.5 Amp Rating,"** Pat Grawcock, CPET 491
 - 09:00 - 09:30 AM: **"Design of MIDI Audio Synthesizer Module for Music Applications,"** Joseph Acra, Thomas Childers, and Travis Tonner, ECET 491
 - 09:30 - 10:00 AM: **"Gear Shifting Display for a Motorcycle,"** Scott James and Demetrio Vallejo, ECET 491
- Break - 10 Minutes
- 10:10 - 10:40 AM: **"A Computer-based Measurement Instrument for a Soccer Free Kick,"** Matt Weeks and Andy Vongphachanh, ECET 491
 - 10:40 - 11:10 AM: **"Android Smartphone-Based Golf Statistics Tracker App,"** Brad Sorensen and Kory Martin, CPET 491
 - 11:10 - 11:40 PM: **"Mobile Semester Assistant App for Organizing Course Materials,"** Adam O'Haver, CPET 491
- Lunch (Pizza) - 10 Minutes
- 11:50-12:20 PM: **"Bluetooth Enabled Headphones,"** Alonzo C. Goodwin, CPET 491