

## Senior Design II Events for CPE 4800 Students

Date: Friday, May 9, 2025

Time: 10:30 am – 4:30 pm

Location: Hall outside AES 395

### Agenda:

#### **11:00 am Senior Design II: Capstone Posters and Demonstration**

**10:30 am** Set up tables in the hall to place posters and project demonstration

**11:00 am** Discuss your project with Faculty, Industry Advisory Board members, and students.

**12:00 pm** Pack your demonstration and move it to room AES 395 and prepare for your presentation.

**12:00 pm** IAB meeting

**01:30 pm** Start the project demonstration presentations

**05:00 pm** End the project demonstration presentations

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Date: Friday, May 9, 2025

Time: 1:30 pm – 5:00 pm

Location: AES 395

### Agenda:

#### **1:30 pm Start Senior Design II: Project Demonstration Presentations**

##### **1:30 pm Smart Electric Grid Model Report**

Presenters: Austin Steinhoff, Dominick Gonzales, Evan Schittone

##### **2:00 pm Battery backup VSD for BLDC motor**

Presenters: Daniel Guzman, Jorge Casillas, Miguel Escobar

##### **2:30 pm TIER 3 SHORTWAVE RADIO**

Presenters: Juan Vazquez Castaneda, Roman Estupinan Quezada, Skylar Brady

##### **3:00 pm COLOR FILTER**

Presenters: Ezequiel Villanueva, Logan Doizaki

##### **3:30 pm REAL-TIME DIGITAL SIGNAL PROCESSING SYSTEM**

Presenters: Mildred Saenz, Paul Janes, Ramon Lopez Chavez

##### **4:00 pm Binary Clock Design**

Presenters: Bao Huynh, Joshua Harries

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**Attire:** Business,  
jacket is optional