

IOWA STATE UNIVERSITY

Department of Electrical and Computer Engineering

CprE/EE 491: Senior Design Project I and Professionalism Fall 2010 Tentative Class Schedule

Important Note: For all weeks—except weeks 1, 2, 10, and 17—each group should email a weekly report to the faculty advisor, with a copy to ecpe491@iastate.edu, by 10:00 a.m. on the following Monday.

| Major Deliverables | Due Date | Submission Method |
|--------------------|--------------------|--------------------------------|
| Project Plan | 10/12/2010 | 5PM; submit to Webct, advisor |
| Design Document | 12/3/2010 (FRIDAY) | 10AM; submit to Webct, advisor |

| Lecture # | Date | 2:10 - 3:00 pm | 3:10 - 4:00 pm | Assignment | Due Date | Due Time | Submit To |
|-----------|------|----------------|----------------|------------|----------|----------|-----------|
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|----|------------------|--|---|-----------------------------------|--------------------|-------------|--|
| 1 | Week 1 8/24 | Introduction | Project Descriptions | Project Selection | 8/26 /10 | 6PM | ecpe491@iastate.edu |
| 2 | Week 2 8/31 | Systems Engineering | Project Life Cycle | FIRST – Team meeting with Advisor | Any time this week | | |
| 3 | Week 3 9/7 | Project Plan | <i>Graduate Education: Vicky Thorland-Oster (ISU)</i> | FIRST – Weekly Report* | 9/6/10 | 10AM | ecpe491@iastate.edu |
| 4 | Week 4 9/14 | Invited Talk: SOMEONE! | Project Mngt. | Weekly Report Homework 1 | 9/13/10 9/14/10 | 10AM 5PM | ecpe491@iastate.edu Homework: WebCT |
| 5 | Week 5 9/21 | LECTURE CANCELLED FOR CAREER FAIR | | Weekly Report | 9/20/10 | 10AM | ecpe491@iastate.edu |
| 6 | Week 6 9/28 | Group Presentations – Draft Project Plan | | Weekly Report | 9/27/10 | 10AM | ecpe491@iastate.edu |
| 7 | Week 7 10/5 | Group Presentations – Draft Project Plan | | Weekly Report | 10/4/10 | 10AM | ecpe491@iastate.edu |
| 8 | Week 8 10/12 | Intro to Engineering Design | <i>Risk Mngt: Prof. Vik Dalal (ISU)</i> | Weekly Report | 10/11/10 | 10AM | ecpe491@iastate.edu Plan: email advisor, and submit on WebCT |
| | | | | Project Plan (Final) | 10/12/10 | 5PM | |
| 9 | Week 9 10/19 | <i>Invited Talk: Adj. Prof. Raj Aggarwal (ISU)</i> | Engineering Design | Weekly Report | 10/18/10 | 10AM | ecpe491@iastate.edu |
| 10 | Week 10 10/26 | <i>Engineering Design in the Workplace: Bruce Trump (TI)</i> | <i>Project Mngt: Andy Watchorn (NI)</i> | Weekly Report | 10/25/10 | 10AM | ecpe491@iastate.edu |

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| 11 | Week 11 11/2 | Project Mgmt: Bob Dearth (Honeywell) | IP & Ethics: Eddie Boylston & Keith Bystrom (ISU) | Weekly Report | 11/1/10 | 10AM | ecpe491@iastate.edu |
| 12 | Week 12 11/9 | Group Presentations – Design Draft | | Weekly Report | 11/8/10 | 10AM | ecpe491@iastate.edu |
| 13 | Week 13 11/16 | Group Presentations – Design Draft | | Weekly Report | 11/15/10 | 10AM | ecpe491@iastate.edu Homework: WebCT |
| | | | | Homework 2 | 11/19/10 | 5PM | |
| 14 | Week 14 11/23 | Thanksgiving Break | | | | | |
| 15 | Week 15 11/30 | Engineering Standards: Charles Sidebottom (Medtronic) | | Weekly Report | 11/29/10 | 10AM | ecpe491@iastate.edu Design: email advisor, and submit on WebCT |
| | | | | Design Document (Final) | 12/3/10 | 10AM | |
| 16 | Week 16 12/6&7 | Design Reviews | | — | — | — | |
| 17 | Week 17 12/14 | FINALS WEEK | No Class | | | | |

***Weekly Report Format:**

- Accomplishments of past week
- Plan for coming week
- Pending issues
- Individual contributions – identify specific tasks accomplished