

ECE 477 – *Digital Systems Senior Design Project* – Spring 2014

COURSE CALENDAR

Monday	Tuesday	Wednesday	Thursday	Friday
Jan 13	Jan 14 Course Intro 1:30-2:20 PHYS 203	Jan 15 MANLAB 8:00-9:30 NOON-1:30 EE 061/063	Jan 16 Mod 1 Guidelines 1:30-2:20 PHYS 203	Jan 17 Preliminary Proposal Due
Jan 20 MLK Day	Jan 21	Jan 22	Jan 23 Mod 3 PCB Design 1:30-2:20 PHYS 203	Jan 24 Final Proposal Due
Jan 27	Jan 28 Mod 2 Intf Design 1:30-2:20 PHYS 203	Jan 29 MANLAB 8:00-9:30 NOON-1:30 EE 061/063	Jan 30 Mod 4A Pow Supply 1:30-2:20 PHYS 203	Jan 31 PCB Layout Assignment Due
Feb 3	Feb 4 Mod 5A Design Constr 1:30-2:20 PHYS 203	Feb 5	Feb 6 Mod 4B Pow Supply 1:30-2:20 PHYS 203	Feb 7 Design Constraint Analysis Due
Feb 10	Feb 11 Mod 5B Packaging 1:30-2:20 PHYS 203	Feb 12 MANLAB 8:00-9:30 NOON-1:30 EE 061/063	Feb 13 Mod 6 Pass Cmp Sel 1:30-2:20 PHYS 203	Feb 14 Packaging Design Due
Feb 17 Lab Notebook Evaluation	Feb 18 Mod 7 Documentation 1:30-2:20 PHYS 203	Feb 19 MANLAB 8:00-9:30 NOON-1:30 EE 061/063	Feb 20 Mod 8 Software 1:30-2:20 PHYS 203	Feb 21 Preliminary Schematic and Design Narrative Due
Feb 24	Feb 25 Mod 9 Assem/Solder 1:30-2:20 PHYS 203	Feb 26 MANLAB 8:00-9:30 NOON-1:30 EE 061/063	Feb 27 Mod 10 Debugging 1:30-2:20 PHYS 203	Feb 28 Preliminary PCB Layout and Design Narrative Due
Mar 3 Formal Design Reviews MSEE 184	Mar 4 Formal Design Reviews MSEE 184	Mar 5 Formal Design Reviews MSEE 184	Mar 6 Formal Design Reviews MSEE 184	Mar 7 Formal Design Reviews MSEE 184

Monday	Tuesday	Wednesday	Thursday	Friday
Mar 10	Mar 11	Mar 12 MANLAB 8:00-9:30 NOON-1:30 EE 061/063	Mar 13	Mar 14 Proof-of-Parts Final Schematic Final PCB Due
Mar 17 Spring Break	Mar 18 Spring Break	Mar 19 Spring Break	Mar 20 Spring Break	Mar 21 Spring Break
Mar 24 Midterm Peer Evaluation Due	Mar 25 Patent Liab 1:30-2:20 PHYS 203	Mar 26 MANLAB 8:00-9:30 NOON-1:30 EE 061/063	Mar 27 Patent Liab 1:30-2:20 PHYS 203	Mar 28 Software Design Narrative Due
Mar 31 Lab Notebook Evaluation	Apr 1 Rel/Safe Anal 1:30-2:20 PHYS 203	Apr 2 MANLAB 8:00-9:30 NOON-1:30 EE 061/063	Apr 3 Rel/Safe Anal 1:30-2:20 PHYS 203	Apr 4 Legal Analysis Due
Apr 7	Apr 8 Eth/Env Imp 1:30-2:20 PHYS 203	Apr 9 MANLAB 8:00-9:30 NOON-1:30 EE 061/063	Apr 10 Eth/Env Imp 1:30-2:20 PHYS 203	Apr 11 Reliability and Safety Analysis Due
Apr 14	Apr 15 Vid Pres Prep 1:30-2:20 PHYS 203	Apr 16 MANLAB 8:00-9:30 NOON-1:30 EE 061/063	Apr 17	Apr 18 Ethical and Enviro Impact Analysis Due
Apr 21	Apr 22	Apr 23 MANLAB 8:00-9:30 NOON-1:30 EE 061/063	Apr 24	Apr 25 Poster for ECE Showcase Due
Apr 28	Apr 29	Apr 30 PSSC Demos 8:00-9:30 NOON-1:30 MSEE 184	May 1	May 2 <i>ECE Design Showcase</i> MSEE Atrium 3:30-5:30

Formal Design Reviews for each team will be scheduled on Mar. 3 – Mar. 7

Final Presentations May 7 (ML1) and May 8 (ML2), 9 am - noon in MSEE 184

Confidential Peer Review, Final Report, User Manual, and Senior Design Report submitted on-line by 5:00 PM on Monday, May 5