2014

Practicum 1: intro #2oject, design #3   # roject Design Sp #1 #2   ion comple Layout comp CAM files sent to board house

Name	Begin date	End date	Duration	Week 40 9/28/14	Week 41 10/5/14	Week 42 10/12/14	Week 43 10/19/14	Week 44 10/26/14	Week 45 11/2/14	Week 46 11/9/14	Week 47 11/16/14	Week 48 11/23/14	Week 49 11/30/14	Week 50 12/7/14	Week 51 12/14/14	Week 52 12/21/14
ECE411 Class	10/1/14	12/12/14	50													
Practicum 1: intro, project, design	10/1/14	10/1/14	0													
Practicum 2: components, microcontrollers	10/8/14	10/8/14	0													
Practicum 3: schematics, EAGLE schematics	10/15/14	10/15/14	0													
Practicum 4: PCBs, Layout, Microcontroller programming	10/22/14	10/22/14	0													
Practicum 5: Construction, Housing, Components, Test, Debug, Firmware	10/29/14	10/29/14	0													
Practicum Presentations	12/8/14	12/12/14	5													
ECE411 Project	10/1/14	12/5/14	45													
Getting Started	10/1/14	10/15/14	10													
Project Idenfitication: components, Interfaces	10/1/14	10/7/14	5													
Setup tools (Github, EAGLE, IDEs)	10/1/14	10/15/14	10													
Order and play with protoboards	10/1/14	10/15/14	10													
Design	10/8/14	11/7/14	22													
Groups formed, project idea (sketches, L0 block diagrams)	10/8/14	10/8/14	0													
Order components/boards and prototype	10/8/14	10/29/14	15													
Project Design Specification complete	10/22/14	10/22/14	0													
Firmware	10/8/14	11/4/14	19													
Schematics: Identify components, Interfaces	10/8/14	11/4/14	19													
Preliminary schematic complete (no ERC errors)	10/30/14	10/30/14	0													
Layout PCBs	10/22/14	11/4/14	10													
Layout complete (no DRC errors)	11/5/14	11/5/14	0													
Final peer design reviews	11/5/14	11/7/14	3													
CAM files sent to board house	11/10/14	11/10/14	0													
Build, Test and Handoff	11/10/14	12/5/14	18													
Boards fabbed	11/10/14	11/17/14	5													
Assemble boards	11/18/14	11/21/14	4													
Firmware integration	11/18/14	12/5/14	13													
Test, Debug, Fixing, "Degrading specifications"	11/24/14	12/5/14	9													