CPET 49100-01 Senior Design Project, Phase II
ECET 49100-01 Senior Design Project, Phase II
Fall 2012

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TO: CPET/ECET 491 Senior Design Project II Students

FROM: Paul Lin, Professor of Electrical and Computer Engineering Technology

DATE: November 13, 2012

SUBJECT: Items Needed and Presentation Related Info for CPET/ECET 491 Senior Design
                  Project II

Suggested Format for Your PowerPoint Presentation (20 minute plus 10 minutes Demo)
- A total of about 30 Microsoft PowerPoint slides, with slide number, good contrast (text and back ground); avoid busy slides
- First page – project title, your name, advisor and instructor name, and date
- Second page – outline page: give the highlights of the whole presentation, with such headings as Executive Summary, Introduction, Problem statement and solution, System (Software/Hardware) Analysis, System (Software/Hardware) Design, Simulation, System (Software/Hardware) Integration and Testing, Validation, etc, and a Conclusion (lesson learned)
- Content Slide: be sure to use more equations, pictures, various charts and design diagrams, function names, etc
- Summary Page: Conclusion, Lesson learned
- Q/A? page
- Last page (just type: Demo), then start to make your demonstration (10 minutes)

Items Due on Monday, November 26, 2012
- Submit Senior Design Project Report (typo and error free, electronic copy) – Due Monday, November 26, 2012, before 5 PM, to Prof. Lin and your Project Advisor
- PPT slide (Electronic copy) – due Monday, November 26, before 5PM
- **Review/Presentation in ET 221: 7:300 PM-9:00PM, November 27 and December 4**
- Making sure that the following information are referred on the cover page of your final report:
  - Project Tile
  - Submitted by: Your Name
  - To Fulfill B.S. Electrical Engineering Technology Degree Requirement or B.S. Computer Engineering Technology Degree Requirement

- o Names of your Project Advisor, ENGW421 Professor (if applicable), and 491 Course Professor on the cover page
- o Department name: Computer, Electrical, and Information Technology
- o College name: College of Engineering, Technology, and Computer Science
- o University name:
  - Indiana University-Purdue University Fort Wayne , or
  - Purdue University Fort Wayne Campus
- Rehearsals of your presentation and demo

Items Due Wednesday, December 5, before 5:00 PM, 2012
- 2 hard copies of your final report
  - o Placed the report in 3-ring binders (which has the front and side see-through plastic area for cover page and side label), no need to buy expensive Purdue University or IPFW binder ;
  - o Insert a cover page on the outside of each binder, and
  - o Insert side label – with project title and author name on the side.
- You can replace report pages if necessary before 5:00 PM, Thursday, December 6
- Submit a soft copy of your final PPT file before 5:00 PM, Thursday, December 6
- Make about 12 pages of color prints from your PPT file before 5:00 PM, December 6
- Practice your presentation and project demo (prepare your own laser pointer)

Due Friday, December 7, 2012
- ECET/CPET 490-491 Portfolio CD that must contains the following
  - o ECET or CPET 490 Folder and subfolders
    - Add all the report files
    - Add all the project files
    - Add all the program file
    - Add all chart and diagram file
    - Email memos
  - o ECET or CPET 491 Folder and subfolders
    - 1stProReport_9-4-2012: add all applicable progress report, files, programs, charts/diagrams, project files, memo, etc to this folder.
    - 2ndProReport_10-2-2012: add all applicable progress report, files, programs, charts/diagrams, project files, memo, etc to this folder.
    - 3rdProReport_11-6-2012: add all applicable progress report, programs, charts/diagrams, project files, memo, etc, to this folder.
    - 4thProReport_11-13-2012: add applicable progress report, files, programs, charts/diagrams, project files, memo, etc, to this folder.
    - 5thProReport_11-20-2012: add applicable progress report, files, programs, charts/diagrams, project files, memo, etc, to this folder
    - FinalReport-12-7-2012: add final report, PPT file, programs, charts/diagrams, project files, memo, etc
  - o Burn your portfolio CD, write your name, ECET 491 or CPET 491, date on the CD

Friday, December 7, 2012, at presentation time, in room ET 346 (from 8:00AM-1:30 PM)
- Project Presentation and Demonstration

- o Last minutes to replace pages of report if needed, before 8:00 AM
- o A signed IPFW library copy right release form, http://mdon.lib.ipfw.edu/47.0.html
- o Please wear proper cloth for the project presentation
- o LRC Video and audio recoding is setup for each presentation
- o Each student is allocated 30 minutes for project presentation in which about 20 min for presentation and QAs, and about 10 min for project demonstration and QA's
- o Each student should arrive earlier to ensure that the demo setup is ready
- o Each student should stay through all presentations and help to complete peer evaluation form
  - ▪ Material Needed
    - o Assessment related forms – to be completed by you and returned to Prof. Lin at the end of the presentation