CRN# 11845 CPET 49100-01 Senior Design Project, Phase II
CRN# 11846 ECET 49100-01 Senior Design Project, Phase II
Fall 2017

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TO: CPET/ECET 491 Senior Design Project II Students

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

DATE: November 28, 2017

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, and Q/As)
- A total of about 30 to 40 Microsoft PowerPoint slides, with slide number, good contrast (text and back ground); avoid busy slides; text-font size no less than 20 pt.
- 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) Requirements and Validation, 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)
- **Submit your soft copy of Final report (error free) and PPT slide, due Dec. 4**
- **Review Final Report and PPT Presentation Rehearsal 7:300 PM-8:45PM, Tuesday, Dec. 5**
    - Practice your presentation and project demo (prepare your own laser pointer)

Items Due on Friday, Dec. 8, 2017
- Submit two hard copies of your Senior Design Project Report (typo and error free)
    - 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
    - Insert a cover page on the outside of each binder, and
    - Insert side label – with project title and author name on the side.
    - You can replace report pages if necessary before 5:00 PM, Thursday, Dec. 7

- Submit PPT slide (Final error free, Electronic copy)
  - 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
    - Names of your Project Advisor and 491 Course Professor on the cover page
    - Department name: Computer, Electrical, and Information Technology
    - College name: College of Engineering, Technology, and Computer Science
    - University name:
      - Indiana University-Purdue University Fort Wayne , or
      - Purdue University Fort Wayne
  - Rehearsals of your presentation and demo

Items Due Friday, Dec. 8, 2017
  - ECET/CPET 490-491 Portfolio CD (placed in CD jacket) that must contain the following items:
    - 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
    - ECET or CPET 491 Folder and subfolders
      - 1stProReport_Sept-26-2017: add all applicable progress report, files, programs, charts/diagrams, project files, memo, etc to this folder.
      - 2ndProReport_Oct-3-2017: add all applicable progress report, files, programs, charts/diagrams, project files, memo, etc to this folder.
      - 3rdProReport_Oct-24-2017: add all applicable progress report, programs, charts/diagrams, project files, memo, etc, to this folder.
      - 4thProReport_Nov-7-2017: add applicable progress report, files, programs, charts/diagrams, project files, memo, etc, to this folder.
      - 5thProReport_Nov-21-2017: add applicable progress report, files, programs, charts/diagrams, project files, memo, etc, to this folder
      - FinalReport-Dec-8-2017: add final report (MS word format), final report (PDF format), PPT file, programs, charts/diagrams, project files, memo, etc
    - Burn your portfolio CD, write your name, ECET 491 or CPET 491, date on the CD

Friday, December 8, 2017, at presentation time, in room ET 346 (from 8:30PM-12:30 PM)
  - Project Presentation and Demonstration
    - Last minutes to replace pages of report if needed, before your presentation
    - Please wear proper cloth for the project presentation
    - Video and audio recording is setup for each presentation

- 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
- Each student should arrive earlier to ensure that the demo setup is ready
- Each student should stay through all presentations and help to complete peer evaluation form
  - Other Material Needed
    - Assessment related forms – to be completed by you and returned to Prof. Lin
      - BS CPET Students
        - BS CPET Student Survey at Graduation
        - CPET 491 Student Assessment of Course Outcomes
        - IPFW Copyright release form
      - BS EET Students
        - BS EET Student Survey at Graduation
        - ECET 499 Student Assessment of Course Outcomes
        - IPFW Copyright release form
- **Poster board, due Dec. 8, 2017**