**Project Plan V1 – TIPS FOR SUCCESS**

The title page, table of contents, list of tables, and list of figures follow the format provided on pages 7-9 of the Senior Project Handbook.

Chapter 1 introduces the project, providing its context and motivation. Ch. 1 needs references.

Chapter 2 contains and explains the customer needs, marketing requirements and engineering specifications. Chapter 2 needs narrative to explain the requirements and specifications, supported by references.

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**Project Plan V1**

Chapter 3 contains and explains the level 0 and level 1 functional decomposition. Identify and describe all inputs, outputs, and functions for each system and sub-system. Label all signal, power, logic, and function flows. Level 2 decomposition is optional. Chapter 3 needs narrative to explain the block diagrams and function tables, supported by references.

References use the IEEE Style [2]-[3].

Appendix A contains the revised Senior Project Analysis.

If you have a team project, collaborate with your teammate(s) and submit ONLY ONE Report V1 assignment.

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**Sr. Project Plan Report Improvement 1**

Mechanics:

1. Each figure and table requires a number, caption, and explanation in the narrative. Figure captions and numbers go below the figures. Table captions and number go above.

2. Apply the Paramedic Method to use a greater variety of descriptive verbs, fewer "to be" verbs, and less awkward phrasing. Once your document becomes less yellow, start reducing the unnecessary prepositions. Also, use commas more generously.

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**Sr. Project Plan Report Improvements 2**

Mechanics: (Cont’d):

3. Cite references throughout the report and in the ABET Sr. Project Analysis using in-text citations.

4. Prefer present tense and anticipate using in final report. Otherwise, you would have to replace the future tense at a later date with present tense, or, worse, past tense.

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**Sr. Project Plan Report Improvements 3**

Content

1. The introduction should provide motivation and context for the project. Include appropriate references to consulted literature.

2. Label all signal, power, material, and information flows.

3. The Gantt chart should show iterative design activities, a design review in February, and continual documentation tasks, including an interim report for EE 461 and the Senior Project Expo near the end of EE 462.

For team projects, the Gantt chart should identify who has responsibility for each task.

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**Sr. Project Plan Report Improvements 4**

Content (Cont’d):

4. The senior project analysis appendix should address more of the assignment prompt questions found on: https://courseware.ee.calpoly.edu/~dbraun/courses/ee460/SrProjPlan.html#ABETSrProjAnalysis