

EE 496-A
Mini-Project Report
Due May 11 by 5:00 PM

Spring 2018

The mini-project report should contain a one page written description of the project as well as several pages of supporting material (block diagram, mock-up illustration, schematic, PCB gerber images, and embedded system code). An appropriate length for the complete proposal is six to eight pages (depending on the length of the code).

Report Contents:

- 1) One page of text describing the operation as well as the structure of the hardware and software of your design. The supporting material should be labeled (fig1, fig2, etc.) and fully explained within the text.
- 2) A block diagram showing the overall structure of your design. An input/output diagram is not necessary however the block diagram should clearly show all of the inputs and outputs to the system with the inputs on the left and the outputs on the right.
- 3) A detailed schematic of your actual circuit. The schematic should be created in a CAD package like Mentor Graphics Design Capture or equivalent.
- 4) Images of the Top and Bottom gerber files for your PCB layout.
- 5) A bill of materials of all the components used in your design.
- 6) Submission of cleanly formatted and well documented (commented) source code of your actual design.

Electronic Submission:

The report should be assembled as a single PDF document and submitted by 5:00PM on May 11 to kennedy.sdsu@gmail.com