

No lab during the first week of classes

**Instructor:**

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**Textbook (Not required)**

Digital Signal Processing and Applications with the TMS320C6713 and TMS320C6416 DSK

**Software:**

MATLAB and Code Composer Studio (CCS).

**Laboratory Schedule**

Wed 2:00 – 5:00 P.M., WORKC 117.

**Tentative Laboratory Structure**

In the laboratory sections, you will be required to keep a lab book and to write a final formal report.

You should do your preparation work for the lab on separate sheets of paper before you come to your scheduled lab session. Your lab grade will be divided into two parts: (i) preparation before the lab, and (ii) the official record of your work in the lab.

In preparation for the lab, any prelab required will be handed in at the start of the lab. Late lab reports handed in one week late will be deducted 15%, two weeks late will be deducted 30%.

Your lab grade will be determined as follows:

- 80% on your lab book preparation.**
- 20% on the prelabs.**

**Lab reports should include the following:**

- a) Table of contents.
- b) Explanation of the purpose of the lab.
- c) Answer to question from the lab handout.
- d) Description of what you did in the lab. You may include sketches of traces, MATLAB plots/programs, C code.
- e) Conclusions.
- f) References (if any).

**Note:** label plots and comment your MATLAB and/or C codes.