

Electronics Project Guideline

1. This project will be done by individual.

2. We will have at least 6 to 7 meetings for each person.

Report your progress, problems, ideas, etc. The number of the meeting depends on your progress. Do not try your research only in one or two days. In each meeting, you have to make distinct progress or insightful development. (Show me your “Power Point” each time.)

3. Presentation date is during last week, including the laboratory time.

Make a 12-minute presentation (about 10-slides). The presentation with related files, data, and programs will be submitted. [You must turn in all of the files so any other people can reproduce your work.]

4. The project will be graded with the following items:

- ① Did you have at least six or seven meetings?
- ② Did you make the presentation with the necessary and sufficient data and explanation?
- ③ Did you complete each assignment given in the meeting? **[Show the Power Point each time.]**
- ④ Did you submit the presentation file, the related data, and the program in a reproducible way? (I may ask for extra files to submit later if I cannot reproduce your project and presentation on my computer. Also, I need to ask modify or add more information to your presentation.)
- ⑤ Did you turn in the evaluation sheet to evaluate others' presentations?

If your procedure is significantly deviated from the above rules, it may hurt your final grade. You MUST submit the project as I requested; otherwise, it will lower your final grade.

5. DOs and DON'Ts

- Do organize your data. (Write the conditions for each data with related variables.)
- Don't discard any data. (Data you consider wrong would be used later.)
- Don't be afraid of making mistakes.
- Don't get stuck by yourself. (Discuss with me and consult any references.)
- Do accept that you do not have to know everything on the topic to conduct research.
- Don't cram the information. (You should at least know what you are presenting.)
- Do try your ideas and obtain more data to show the tendency.
- Don't present any data which are suspicious and obviously wrong. (Consult me first.)

6. The basic outline of presentation

1. Make the main title that is concise, understandable, and attractive.
2. Indicate the outline of your presentation.
3. Introduction: Present the basic ideas of the topic and new things you did for the research. If any, you include motivation or suggested solution.
4. Explain the method you use. If it is new or modified from the past formula, explain also the differences.
5. Show the data. Use tables and plots with legends and captions. Conditions, variables, necessary explanation, etc. must be included in the slide.
6. Discuss what you find or what you are still looking for.
7. Conclude your research concisely.