**FACULTY OF ENGINEERING**

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

**EE 401 – Senior Project I**

**<Year and FALL or SPRING>**

**PROGRESS REPORT 1**

**<Project Name>**

**<Student Name>**

**<Supervisor Name>**

# Project description and goals

-Describe your project. Explain the problem that you are working on.

-Explain the constraints in finding a solution for the problem.

-List the deliverables of the project and goals.

# Literature review

-Explain the state of the art in the area of your project. Include relevant products and topics.

# Methodology

-Explain your solution to the problem. Give a block diagram of your solution.

-List the relevant standards for your solution. Explain briefly these standards and how they are applicable to your solution.

-Describe how you will design each part of your solution.

-Which design tools (spice, verilog work bench, ansys, …) will you be using?

-Will you do any design of experiments? Explain the proposed experiments.

-Which programming languages will you use? What are the advantages of that language in comparison with the alternatives?

-Explain how you will reach the goals of the project.

-Identify specific milestones, deliverables and tasks.

-Prepare a Gantt chart assigning time durations for each task.

# Status of the project

-Report your progress towards completing the design.

# References

-List relevant references such as journal papers, product manuals, data sheets etc.