Assignment 2

Device Test Plan

CpE 191 and EEE 193B

Develop a test plan that proves the laboratory prototype works as expected over a convincing range of factors such as temperature, humidity, voltages or other pertinent factors for your design. All projects are required to function in the “shirt sleeve” environment of Riverside Hall and the lab environment sets the required range of such variables.

1. Determine the necessary factors that need testing. Consult with your project advisors on which tests are appropriate and which aspects are most critical in a deployable prototype.

2. Establish a test timeline and assign tasks to team members. Include this test timeline and tasks in your test plan results documentation.

3. The device test plan report will be in the IEEE format with a cover page, abstract, keyword index, table of contents, table of figures, executive summary, introduction, main topics, conclusion, references and a glossary defining specialized terms or acronyms. The cover page will include the Report Title, Project Title, Team member names, abstract and keyword index. Cover page format is at the discretion of the team but should be clear and attractive. Upload a PDF version of your report to the team’s Hive site in the “2 – Device Test Plan” folder.

Length is variable.
Single line spacing.
Two-Column format for the main body of the report.
Use a font size similar to Times New Roman 12 pitch.

This assignment is the device test plan document. Look ahead at the future assignments and note that later, during the mid-term progress review, the team will present the results of their device testing.

At the mid-term progress review you will give a short overview of your testing results and the impact on your project.