

Laboratory Report Guidelines and Template

Guidelines:

Use the attached template for your lab report. Your report must have a title page as the first page and the lab participation sheet at the end. Replace all *italics* text in the template with the appropriate information for your report. This includes the “#” in the lab and station numbers, i.e., “Lab 6: BCD to Seven Segment LED Decoder” and not “Lab #6: BCD ...”. Replace the date on the title page with the date you completed the lab. Cut and paste all schematics and figures from all other applications into your report document. Unless specifically directed, do not submit OrCAD Capture files with your report. If you have paper documents that cannot easily be converted into electronic format for pasting into your report, then include the title of these documents in the list of appendices and indicate they have been submitted as separate paper documents.

Submit your lab report in MSWord 2003 format. In MSOffice 2007 you must select “Save As” to select the MSOffice 2003 format. Do not submit a pdf file for your report. Upload to Blackboard and click the “Submit” button. Once you have uploaded your report you will not be able to replace it with a “corrected” version unless it has been reset by the instructor. Make certain your report is in final form before uploading. Note: there is a “Save” as well as a “Submit” button available when you attach a file. The “Save” button will not submit your report, and it will not be accessible to the instructors. Include the lab number and your name in the report file name. For example, students Doe and Jones would name their file “Doe_Jones_Lab_8.doc” for Lab 8.

Lab Report Template:

ELEG 2130

Digital Logic Design Laboratory

Lab #: *Lab Title*

Station: #

Prepared by:

Author 1

Author 2

01/26/09

1. Objective

What did you do? Why did you do it?

2. Equipment

hardware
software

3. Procedure

How did you do it?

Don't copy the lab assignment's procedure. Instead, give a summary of the steps you took to design and implement what you created in lab. If you did anything not mentioned in the assignment, or did anything differently, mention that.

4. Results

What happened? Did it work as expected? If not, why? If it did work, how could you make it better?

5. Discussion Questions

1. *What is the ? (Include the question along with your answer.)*

The ... is a ...

6. Conclusion

What was the point of this lab? (What questions were asked in the objective?)

7. Attachments

- *List attachments including circuit schematics, VHDL code, etc.*
- *Include the lab participation sheet as the last page of attachments*

ELEG 2130: Digital Logic Lab Participation

Lab Number:

Date of Lab:

Lab Participation

Provide the percent participation in lab by each lab partner:

<i>Lab Member Name</i>	<i>Percent Participation</i>

Checked by lab instructor:

<i>Name of Instructor</i>	<i>Circuit Works</i>	
	Yes	
	No ¹	

Lab Report Preparation

Provide the percent participation in lab report preparation by each lab partner:

<i>Lab Member Name</i>	<i>Percent Participation</i>

¹ Explain in lab report.