

Southern Connecticut State University
Computer Science Department

CSC 205: Digital Design

Laboratory Report Format

Completion of a laboratory assignment should be accompanied by a written report. Written reports should reflect the completion of the laboratory work. Every student should turn in a written report for every laboratory session. The reports must be typewritten, where appropriate. Each laboratory report is due before the beginning of the following laboratory session unless otherwise instructed. **NO LATE** reports will be accepted.

The reports should contain the following parts:

Part	Content
Cover page	<ul style="list-style-type: none">– Lab number and title– Instructor's Name– Class and section number– Student's Name– Date due
Introduction	<ul style="list-style-type: none">– Background: Relevant information about the experiment.– Purpose: States the problem. The reason for the experiment.– Hypothesis: A clear statement that attempts to make a possible conclusion to the problem.
Materials	<ul style="list-style-type: none">– List items used. Mention amount and units used (i.e., 4 NAND 7400)
Procedure	<ul style="list-style-type: none">– Mention any precautions you used in the experiment– A simple, but complete description of what you did– Circuit diagrams, block diagrams, tables, and calculations should be included, where appropriate, to support your description.
Results	<ul style="list-style-type: none">– Wherever it is appropriate, use tables and/or diagrams to show the results of the experiment.
Discussion	<ul style="list-style-type: none">– Determine how your results relate your hypothesis– Determine whether or not the results validate or invalidate your hypothesis– Any comments or observations should be included here.
Questions	<ul style="list-style-type: none">– Answer to any questions that may be included in the lab assignment
Conclusion	<ul style="list-style-type: none">– Base your conclusions on your results– Include any suggestions for further work and recommendations towards improving this experiment

Grade evaluation will be based on the written report, the student's performance and conduct in the laboratory during the experiment.