



## Final Project Write-up

Grade: N/A



## Final Project Writeup

**Submit your writeup for your final project here.**

The expected size of your final paper (and size of your project) relates to the number of people in your group.

- One-person projects should write 8-10 pages for the final paper, and each additional person will add 2-3 pages, so a 4-person group should write 14-19 pages. Keep in mind that this is merely a guideline: A shorter paper is OK if it says everything you need to say (but it is unlikely to do so) and a longer paper will probably make the marker tired.

Include as appendices in your final paper (these should not contribute to the page count):

- Circuit designs and photographs of implementations of your circuits
- Physical hardware designs as needed (eg what goes where)
- Code listings for all code (excluding publicly available libraries you included)

Include in the writeup itself:

- Introduction to the project
- Background, including other similar do-it-yourself projects and commercial products
  - include references where available
- Description of your design process
  - include references to your circuit designs included in an appendix
- Description of your build process
  - include references to your code included in an appendix
- Description of how the project works (i.e. a user manual of sorts)
- Discussion of your milestones, including which were met and why. Also include a discussion of where you would like to take this project in the future.
- (for groups) discussion of the contributions of each group member (Remember: each group member will receive the same mark regardless of claimed contribution)

These do not need to be in any specific order or section, but make sure to include these points.

In addition, include sufficient references to allow a reader to follow up on details you are not including in your writeup, as well as indications of designs or code borrowed from others (and where those designs can be found)

You should include references in your project writeup, including online references to similar projects, code examples etc.

Posted Wed Aug 29, 2018 at 12:34 am

## Submissions

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Criteria	Grading Scale			
Understanding	<b>4</b> Author demonstrates full knowledge (more than required).	<b>3</b> Author Demonstrates adequate knowledge.	<b>2</b> Author is at ease with content, but fails to elaborate.	<b>1</b> Author does not show a good understanding of the question about the subject.

Criteria	Grading Scale				
Background Coverage	4 Covers topic in-depth with details and examples.	3 Includes essential knowledge about the topic.	2 Includes essential knowledge about the topic.	1 Includes some information about the topic.	0.5 Covers minimal information with several errors.
Description of Project	4 Project is perfectly described and has ample supporting material.	3 Project is well described and supported with supporting material -- but could be improved.	2 Project is adequately described -- but could use more supporting material (diagrams, etc.)	1 Project is minimally described so that the reader can understand.	0.5 Project is inadequately described.
Novelty	3 Product shows a large amount of original thought. Ideas are creative and inventive.	2.5 Product shows some original thought. Work shows new ideas and insights.	2 Product shows some original thought. Work shows new ideas and insights.	1.5 Uses other people's ideas (giving them credit), but there is little evidence of original thinking.	1 Uses people's ideas and gives credit.
Organization	4 Information in logical, interesting sequence which reader can follow. Headings and subheadings are used.	3 Information in logical sequence, which reader can follow. Headings are used.	2 Sequence of information is difficult to follow.	1 Sequence of information is difficult to follow.	
Technical Grammar, Spelling and Punctuation	3 Work has no spelling, punctuation, or grammatical errors.	2.5 Work has one or two spelling, punctuation, or grammatical errors per page.	2 Work has three to five spelling, punctuation, or grammatical errors per page.	1 Work has spelling, punctuation, or grammatical errors per page.	
References	3 Work displays a sufficient number of references, written correctly.	2 References are sufficient but incorrectly formatted or from inappropriate sources.	1 Work does not have sufficient references.		

Total pts: 25

## Comments

There are no comments