

COMP2021 Final Project Grading Scheme

The following percentages normalize to **35 points**, equivalent to the weight of the project in your final course score. Use this rubric to ensure your project is on track to meet the expectations as milestones approach.

Proposal (10%): due on Apr 13 5pm

Your final project proposal will be evaluated on how well it motivated your project and described your plan of action.

- Definition of your project topic
- Brief description of your planned work
- Challenges expected to meet, knowledge to be self-learned
- Distribution of workload among team members (if applicable)

50% penalty for the late submission. The proposal is submitted via project registration form

https://docs.google.com/forms/d/1PVpz5HWL4YMKk3VacOLm766lhgo7_AlrMgXPKtvdBcU/viewform

In-Class Presentation (30%): in class on Apr 26 and May 3

To summarize your work and accomplishments, the project will culminate in a 10-15 minutes presentation (presentation + demo + possible Q&A) to the class. You will be graded on how informative and effective your presentations are.

- Content and organization: clear, informative slides that concisely summarize your project
- Aesthetics: presentation slide is visually appealing
- Presentation: speakers are audible, engaging and maintain eye contact with audience. For multi-member teams, each member needs to present and the flow should be smooth. Please practice!
- Length: presentation completed within the allotted time constraint

The presentation slides should cover:

- General description of your project
- Demo of project

- Challenges you met in developing your project and how did you solve it

Project Demo (20%): together with in-class presentation

- Prototype is functional, of high quality and delivers a complete result.

Final Report (40%): due May 9 5pm, submission via Canvas

A concise final report (e.g. about 5 content pages + 1 optional appendix page) is required to summarize your work.

- Effectively documents the motivation, process, results, difficulty and solution for your project.
- Written by yourself rather than copy-and-paste
- Presents material well by effectively using styles, layouts, and graphics
-

Video Demo (Optional, no points carried)

A video is a more permanent presentation of your final product that can be viewed years later to inspire future students and innovators.

- Video effectively demonstrates the concept and functions of your project.
- Video is well-paced and appropriately long (shouldn't be more than 4 minutes)
- Video has an appropriate title slide
- Video is of high-quality and well-edited with a title, audio is clear

Assessment Rubric for Final Report

	Unacceptable	Satisfactory	Exemplary
Clarity of Purpose	The project's objectives are missing or incomplete. There is little or no discussion of motivation or relevance. The reader is confused about the nature of the project.	The project's objectives are presented. The motivation for pursuing the project and its relevance are addressed. The discussion is reasonably clear but not compelling.	The project's objectives are clearly stated. The motivation for pursuing the project and its relevance are clearly and persuasively established.
Organization	The key elements of the standard research reporting protocol are not present. There is no apparent ordering of paragraphs, and thus there is no progressive flow of ideas.	The key elements of the standard research reporting protocol are present, but they may be structured in a nonstandard manner. Within sections, the order in which ideas are presented may be occasionally confusing.	The report is organized following the standard research reporting protocol (abstract, motivation, methods, results, analysis, conclusions).
Use of Language	Errors in sentence structure and grammar are frequent enough that they distract the reader and interfere with meaning. There is unnecessary repetition of the same words and phrases.	For the most part, sentences are complete and grammatical, and they flow together easily. Any errors are minor and do not distract the reader. Repetition of the same words and phrases is avoided.	Sentences are complete and grammatical, and they flow together easily. Words are chosen for their precise meaning.
Use of Figures	Figures, graphs, charts, and drawings are of poor quality, have numerous inaccuracies and mislabeling, or may be missing. There may be no corresponding explanatory text or there may be redundancy with the text.	For the most part, figures, graphs, charts, and drawings are accurate, consistent with the text, and of good quality. They are generally labeled correctly in accordance with engineering standards. All are referred to in the text.	All figures, graphs, charts, and drawings are accurate, consistent with the text, and of good quality. They enhance understanding of the text. All are labeled correctly in accordance with engineering standards and are referred to in the text.
Visual Format	The document is not visually appealing and there are few "cues" to help the reader navigate the document.	Use of white space, font, and/or color to help the reader navigate the document, although the layout could be more effective and appealing.	The document is visually appealing. White space and color are used appropriately to separate blocks of text and add emphasis. The reader can easily navigate the document.

Assessment Rubric for Oral Presentation

	1	2	3	4
Organization	Audience cannot understand presentation because of poor organization; introduction is undeveloped or irrelevant; main points and conclusion are unclear;	Audience has difficulty following presentation because of some abrupt jumps; some of the main points are unclear or not sufficient stressed;	Satisfactory organization; clear introduction; main points are well stated, even if some transitions are somewhat sudden; clear conclusion;	Superb organization; clear introduction; main points well stated and argued, with each leading to the next point of the talk; clear summary and conclusion.
Mechanics	Slides seem to have been cut-and pasted together haphazardly at the last minute; numerous mistakes; speaker not always sure what is coming next;	Boring slides; no glaring mistakes but no real effort made into creating truly effective slides;	Generally good set of slides; conveys the main points well;	Very creative slides; carefully thought out to bring out both the main points as well as the subtle issues while keeping the audience interested.
Delivery	Mumbles the words, audience members in the back can't hear anything; too many filler words; distracting gestures;	Low voice, occasionally inaudible; some distracting filler words and gestures; articulation mostly, but not always, clear;	Clear voice, generally effective delivery; minimal distracting gestures, etc., but somewhat monotone;	Natural, confident delivery that does not just convey the message but enhances it; excellent use of volume, pace etc.
Relating to audience	Reads most of the presentation from the slides or notes with no eye contact with audience members; seems unaware of audience reactions;	Occasional eye contact with audience but mostly reads the presentation; some awareness of at least a portion of the audience; only brief responses to audience questions;	Generally aware of the audience reactions; maintains good eye contact when speaking and when answering questions;	Keeps the audience engaged throughout the presentation; modifies material on-the-fly based on audience questions and comments; keenly aware of audience reactions.