

Introduction to Engineering Design with Professional Development 1 – Mini-Project Presentation Rubric

	Excellent	Good	Satisfactory	Poor	Unsatisfactory
1 Engineering Project a) Problem Identification b) Prioritized Customer Requirements c) Performance Specifications d) Value Proposition / Alternative System Concept e) Test / Analysis	Solution & approach demonstrate the total use of the engineering design process. 20	Many aspects of the engineering design process are apparent. 18	Some aspects of the engineering design process are apparent. 16	Few aspects of the engineering design process are apparent. 14	Solution & approach do not appear to have followed the design process. 12
2 Public Speaking f) Intro / Conclusion g) Verbal (volume, tone, pace, fillers) h) Non-Verbal (gestures, posture, eye contact) i) Effectiveness/ Professionalism j) Team Presence (change slides for one another, have a unified 'business-casual' attire, etc.) k) Q&A	Professionally presented the material in a clear, accurate and concise manner without distracting mannerisms. Was able to clearly and accurately respond to questions. 30	Material was usually presented clearly and with few errors. Some distracting mannerisms were displayed. Generally was able to respond to questions. 26	Material sometimes clear but multiple errors. Distracting mannerisms reduced the effectiveness of presentation. Responses to questions were sometimes unclear, inaccurate or not complete. 24	Material was not presented in a clear manner. Distracting mannerisms frequently reduced the effectiveness of the presentation. Responses to questions were often unclear, inaccurate or incomplete. 21	Material was presented in a confusing manner. Distracting mannerisms made it difficult to follow and understand the material. Responses to questions were not based on facts and were unclear or inaccurate. 18
Please refer to the Public Speaking Evaluation Form					
3 Documentation l) Consistent/Flows m) Logical/ Accurate n) Professional (no typos, has proper citations) o) Supports / contributes to the message p) Uses communication tools such as diagrams/figures, sketches, models	Material was always clear and concise. There were no spelling / grammar errors. Information was well formatted and always flowed smoothly and in a logical manner. Numerous diags / figs were approp used to illustrate the text. 30	Material was usually clear and concise. There were few spelling / grammar errors. Information usually flowed smoothly and in a logical manner. Many diagrams / figures were included to clarify the text. 26	Material was sometimes clear and concise with few spelling / grammatical errors. Some information flowed smoothly and in a logical manner. Some diagrams were used to accompany the text. 24	Material was unclear and overly wordy or missing significant detail. Information did not flow smoothly and a logical structure was not often used. Few diagrams were included and were not properly related to the text. 21	Material contained few details and was unclear. Information was not organized. No diagrams or illustrations were included or were improperly used. 18
4 Overall Quality q) Attention to Detail r) Workmanship s) Attitude t) Equal Member Contributions u) During Q&A members can demonstrate & provide consist messages in their responses	Clearly demonstrates effort in terms of attention to detail, performance, and workmanship. 20	Mostly demonstrates effort in terms of attention to detail, performance, and workmanship. 18	Demonstrates some effort for attention to detail, performance, or workmanship. 16	Demonstrates effort in terms of attention to detail, performance, and workmanship. 14	Demonstrates little effort in terms of attention to detail, performance, and workmanship. 12