

Viable Design Report Rubric - Trio

EDD 104 Section #: _____

Project #: _____ Project Name: _____

Viable Design Name and #: _____

Member 1: _____

Total: ____/93 **Project Total:** ____/100

Minimum Page Limit: (deduction only)

_____ Minimum of 3 full pages of text, **not** including the Cover Page, Table of Contents, Reference Page or Appendix A.

Cover Page:

____ (1) EDD 104, Section #, Project # and Name, Viable Design # and Name, Pair/Trio Names

Table of Contents:

____ (1) Use the same font used throughout the report

____ (3) Connect the listed items to the page numbers, for example, "Introduction.....1".

Introduction/Background:

____ (10) Introduced the background and motivation for the project. It can be understood by someone with no prior knowledge of the project.

Viable Design Description:

____ (10) Use a physical schematic and other visuals to give a thorough description of the overall design and its main parts/features/functions.

____ (10) Highlight what Evaluation Criteria different design parts/features/functions address. Organize by part/feature/function or by Evaluation Criteria.

____ (10) Clearly show how you expect your design to meet ALL the requirements. Reference the requirements in Appendix A.

____ (10) Refer to requirements, cost analysis and other supporting documents in appendices. Back up your design choices by referencing materials and using in-text citations.

APA Format:

____ (5) In-text citations in proper APA format.

____ (5) Reference Page in proper APA format.

Appendix B: Cost Analysis

____ (10) Make a convincing case for how much you expect each part/feature to cost based on existing technology/materials etc.

Conventions and Language:

____ (9) Demonstrates thorough control of conventions with essentially no errors.

____ (9) Language is clear, concise and sophisticated.

Member 2: _____

Total: ____/93 **Project Total:** ____/100

Minimum Page Limit: (deduction only)

____ Minimum of 3 full pages of text, **not** including the Reference Page or Appendix A.

Design Statement:

____ (1) Exact Design Statement given in Project Description

Design Focus:

____ (4) Show the Evaluation Criteria with assigned weights.

Viable Design Description:

____ (10) Use a physical schematic and other visuals to give a thorough description of the overall design and its main parts/features/functions.

____ (10) Highlight what Evaluation Criteria different design parts/features/functions address. Organize by part/feature/function or by Evaluation Criteria.

____ (10) Clearly show how you expect your design to meet ALL the requirements. Reference the requirements in Appendix A.

____ (10) Refer to requirements, cost analysis and other supporting documents in appendices. Back up your design choices by referencing materials and using in-text citations.

Conclusion:

____ (10) Summarize key aspects of the design and relate back to Design Statement.

APA Format:

____ (5) In-text citations in proper APA format.

____ (5) Reference Page in proper APA format.

Appendix B: Cost Analysis

____ (10) Make a convincing case for how much you expect each part/feature to cost based on existing technology/materials etc.

Conventions and Language:

____ (9) Demonstrates thorough control of conventions with essentially no errors.

____ (9) Language is clear, concise and sophisticated.

Member 3: _____

Total: ____/93 **Project Total:** ____/100

Minimum Page Limit: (deduction only)

_____ Minimum of 3 full pages of text, **not** including the Reference Page or Appendix A.

Viable Design Description: (Member 3 will have to write more in this section; therefore, it is weighted higher.)

- ____ (12) Use a physical schematic and other visuals to give a thorough description of the overall design and its main parts/features/functions.
- ____ (12) Highlight what Evaluation Criteria different design parts/features/functions address. Organize by part/feature/function or by Evaluation Criteria.
- ____ (12) Clearly show how you expect your design to meet ALL the requirements. Reference the requirements in Appendix A.
- ____ (12) Refer to requirements, cost analysis and other supporting documents in appendices. Back up your design choices by referencing materials and using in-text citations.

APA Format:

- ____ (5) In-text citations in proper APA format.
- ____ (5) Reference Page in proper APA format.

Appendix A: Requirements

- ____ (2) Requirements Structure
- ____ (3) Project Requirements List

Appendix B: Cost Analysis (Member 3 will have to write more in this section; therefore, it is weighted higher.)

- ____ (12) Make a convincing case for how much you expect each part/feature to cost based on existing technology/materials etc.

Conventions and Language:

- ____ (9) Demonstrates thorough control of conventions with essentially no errors.
- ____ (9) Language is clear, concise and sophisticated.

All Team Members:

Total: ____/7

Formatting:

- ____ (1) Page format: 1-inch margins top, bottom, left and right.
- ____ (1) 12 – point, Times New Roman font
- ____ (1) Headings only should be bold, no space between heading and text
- ____ (1) Single space paragraphs; double space between paragraphs, do not indent
- ____ (1) Page number at bottom right of every page

Order of Content in the Report

- ____ (2) Documents are in the order outlined in the guidelines.