

## Viable Design Report Rubric - Pair

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

\_\_\_\_\_ (2) 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.

### Design Statement:

\_\_\_\_\_ (1) Exact Design Statement given in Project Description

### Viable Design Description:

\_\_\_\_\_ (10) Use a functional 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 Focus:**

\_\_\_\_ (2) Show the Evaluation Criteria with assigned weights.

**Viable Design Description:**

\_\_\_\_ (10) Use a functional 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 A: Requirements**

\_\_\_\_ (1) Requirements Structure

\_\_\_\_ (2) Project Requirements List

**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.

---

**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.