**Viable Design Presentation Rubric**

**EDD 104 Section \_\_\_\_\_\_**

**Project #\_\_\_\_\_ Project Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Viable Design Alternative Name and #: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Pair/Trio Names and Member #: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_­\_**

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**Part I: In-Team Presentation during class (50%)**

**\_\_\_/25 The presentation was at least 10 minutes and not more than 15 minutes. Time: \_\_\_\_**

**\_\_\_/25 Each member presented an equal share of the presentation and was confident, knowledgeable and engaging in their presentation. Indicate either: 50 (pass) or 0 (fail).**

**Member 1: \_\_\_\_\_\_ Member 2: \_\_\_\_\_\_ Member 3: \_\_\_\_\_\_\_\_**

**Part 2: Presentation Slides: Print-Out Submitted At Presentation and Uploaded to Team File Exchange (50%) [please staple pages, print 4-6 slides per page, can be double-sided]**

**\_\_\_/ 5 Cover Page:** EDD 104, Section #, Project #, Name of Project and Viable Design, Names (first & last) of all Pair/Trio Members

\_\_\_/**5** **Agenda:** Provides a roadmap for audience as to what you will present and in what order. Slides themselves are in prescribed order of presentation.

**\_\_\_/10 Design Statement and Background:** Gives exact project Design Statement and then provides some background discussion of the basis for the particular design problem.

**\_\_\_/5 Requirement Structure:** Shows the requirement structure and explains the upper and subsystem structure components.

**\_\_\_/5 Evaluation Criteria:** Shows the Pahl & Beitz Matrix with criteria and weights and explains the justifications given to each criterion and why it was assigned a particular weight in relation to the project and design statement.

**VIABLE DESIGN DESCRIPTION:**

**\_\_\_/20 Complete description of pair/trio conception of your design alternative.** Must use physical schematic and other visuals to give a thorough description of your overall design and its main features/parts/functions.

**\_\_\_/20 Explain using Evaluation Criteria: Show** how your design meets your Evaluation Criteria highlighting specific parts or functions of your alternative design. Organize by Evaluation Criteria.

**\_\_\_/20 Requirements: (this should be equally presented by pair/trio):** Go through all Requirements and demonstrate/explain, using both words and visuals, how your conception of this alternative design meets each and every Requirement. You can group Requirements together if one part/function/feature will meet more than one Requirement.

**CONCLUSION:**

**\_\_\_/5** Have a concluding slide that summarizes the main points of your design and explain why yours is the BEST DESIGN to satisfy your Design Statement. Sell your idea to the team.

**Presentation Details:**

**\_\_\_/5 Presentation uses:** consistent format, not more than 5 bullet points per slide, good mix of text and visuals, easily readable font by size and style, no spelling/grammar errors.

\_\_\_ **REFERENCE SLIDE** AT END WITH ALL SOURCES USED IN PRESENTATION IN APA FORMAT and below this, Picture References listed separately with complete URLs in order of presentation.(deduction only).

**PRESENTATION GRADE TOTAL:**

**Team Member 1 (\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_): \_\_\_\_\_\_\_\_\_\_\_\_\_\_/100**

**Team Member 2 (\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_):\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_/100**

**Team Member 3 (\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_):\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_/100**