**Delivery System Poster/Video Rubric**

|  |  |  |
| --- | --- | --- |
| **Section** | **Points** | **Comments** |
| **Group Information**: Includes title, member names, hyperlink to video (optional) | \_\_\_\_/2 |  |
| **Opportunity Identification**: Clearly and creatively presents introduction to problem, relevance, interest, and mission statement | \_\_\_\_/7 |  |
| **User Needs**: Properly states the identified, refined, organized, and prioritized user needs | \_\_\_\_/5 |  |
| **Concept Generation:** Provides sufficient design alternatives that are developed, displayed, and explained  | \_\_\_\_/5 |  |
| **Concept Selection:** Displays process used to select the design based on the “must haves” criteria | \_\_\_\_/5 |  |
| **Product Specifications:** Clearly states engineering specifications guided by user needs and relevant benchmarking; includes measurements for each user need | \_\_\_\_/7 |  |
| **STEM:** Displays pictures and rationale that explain the science and math that supports the design; utilizes appropriate science and/or math (STEM) content knowledge | \_\_\_/15 |  |
| **Prototypes:** Showcases design that is distinct, creative and well developed; addresses most of the issues identified from all design ideas and most of the user needs | \_\_\_\_/15 |  |
| **Testing:** Includestheselected prototype test(s) used; showcases prototype evolution of design based on testing data and/or consumer discovery; explains testing completed and/or additional testing that could further optimize the product | \_\_\_\_/7 |  |
| **Future Work:** Identifies modifications that are needed to optimize the design and the science used to drive these decisions | \_\_\_\_/7 |  |
| **Overall Poster/Video:** Shows exemplary skills in collecting data from multiple sources and synthesizing their learning; shows clear understanding of the project and design process, layout is coherent, logical and creatively communicates your work; video is helpful and has a sense of salesmanship; represents everyone in the group  | \_\_\_\_/25 |  |
| **TOTAL POINTS (100 max)** |  | This is a group grade. |