Primary Challenge Rubric

Element	Criteria				Points
Point Values	40	30	20	10	
Primary Challenge Product	Completed product is fully functional and addresses all criteria, parameters, and equipment specifications set forth in the *Primary Challenge*.	Completed product is functional and meets most criteria, parameters, and equipment specifications set forth in the *Primary Challenge*.	Completed product represents a serious attempt to solve the *Primary Challenge*, but does not address many of the stated criteria, parameters, or specifications.	Product is not complete or does not function well and does not meet stated criteria, parameters, or specifications.	
				Sub-total	
Point Values	15	10	5	2	
Drawings, Diagrams, & Sketches	Drawings, diagrams, or sketches clearly illustrate an understanding of all requirements, criteria, or specifications; uses proper format; and was completed electronically.	Drawings, diagrams, or sketches illustrate needed information, but do not address all stated requirements, specifications, or criteria. Completed using an electronic format.	Drawings, diagrams, or sketches illustrate needed information, but do not address all stated requirements, specifications, or criteria. Did not utilize an electronic format (hand drawn).	Drawings, diagrams, or sketches do not illustrate all needed information. Illustrations are incomplete or poorly presented.	
Research & Development	Clear evidence of a comprehensive research and development effort was provided.	Research and development was conducted while solving the primary challenge, but documentation was marginal.	Some research and development techniques were used while attempting to solve the *Primary Challenge*, but were not clearly documented.	Minimal research and development techniques were used while attempting to solve the *Primary Challenge*. Documentation was marginal.	
Documentation	As directed, the team responded to questions and/ or maintained comprehensive records, logs, and other notations of activities while completing the *Primary Challenge*.	Team responded to questions and/or maintained topical records, logs, and other notations of activities while completing the *Primary Challenge*.	Team responded to most questions and/or maintained some records, logs, and other notations of activities while completing the *Primary Challenge*.	Team marginally responded to questions and did not maintain records, logs, and other notations of activities while completing the *Primary Challenge*.	
Presentation	Presentation demonstrates a full grasp of the major concepts, addresses all stated presentation requirements, and conforms to time limit constraints.	Presentation demonstrates significant understanding of major concepts, addresses most presentation requirements, and conforms to time limitations.	Presentation topically addresses some of the concepts delivered in this unit, but does not conform to stated presentation guidelines and/or time limits.	Presentation does not demonstrate a grasp of the major concepts delivered in this unit and/or does not address stated presentation guidelines or time limits.	
				Total Points	