

PRESENTATION SCORING GUIDE

Form No: 411_Guide01

Scoring Criteria	Commendable (5-4)	Acceptable (3-2)	Little/ No Value (1-0)
Background information and project goals	Thorough and relevant background information is given; project goals are clear and easy to identify.	Sufficient background information is given; the purpose and goals of the project are adequately explained.	Insufficient background information is given; project goals and benefits are poorly stated or missing.
Applied engineering math and/or science	Has fully grasped mathematical and scientific concepts and their relation to project's physical systems.	Has some understanding of mathematical and scientific concepts. However, lacks the full application to the project's systems.	Has poor understanding of mathematical and scientific concepts. There are almost no proof of application of these concepts.
Design approach, testing, and results	Approach to the problem is innovative. Testing is thorough, and results are robust and usable.	Approach to the problem is adequate. Testing is good. Results are acceptable and complete.	Approach to the problem is weak or flawed. Tests are inconclusive. Results are disappointing or incomplete.
Manufacturing process	Use of tools and selection of materials' information are thorough and relevant. It enriches viewer's knowledge and interest.	Use of tools and selection of materials' information are present but at times is difficult to understand.	Use of tools and selection of materials' information are missing or difficult to understand; further explanation is often needed.
Overall Oral/ Presentation quality	Fully prepared. Anticipated questions and responded with more information than required. Excellent verbal skills.	Adequately prepared. Understood questions but sometimes had difficulty responding. Adequate verbal skills.	Unprepared. Misunderstood questions and did not respond appropriately. Poor verbal skills.

5 → 4 → 3 → 2 → 1 → 0

DEMO SCORING GUIDE

Scoring Criteria	Commendable (5-4)	Acceptable (3-2)	Little/ No Value (1-0)
Poster Quality	Poster captures viewer's attention and includes interesting, appropriate tables and professional graphics. Writing is crisp and clear.	Poster holds viewer's attention and includes acceptable graphics and tables. Writing is mostly clear.	Poster is either dull (did not capture attention), overly creative (hard to follow), or poorly organized. Writing is often poor.
Project completeness and functionality	Project build quality is like a finished product. It meets all relevant objectives and functions. Applied demonstration is fully successful.	Project is complete. However, it lacks the finish product looks. It is somehow able to fulfill relevant objectives and functions.	Project is poorly/not complete. It looks like unfinished prototype. No functionality or objectives are fulfilled. No/very poor demonstration.
Applied creativity and/or innovation	Project is new, unique, surprising; shows a personal touch. It may successfully break rules and conventions, or use common materials or ideas in new, clever and surprising ways.	Project has some new ideas or improvements, but some ideas are predictable or conventional. It may show a tentative attempt to find new uses for common materials or idea.	Project is completely reliant on the existing models, ideas or directions. It is not new or unique. It lacks the appearance, functionality and/or sense of such project with ingenuity.
Engineering skills and manufacturing techniques	Applied the relevant techniques, skills and modern engineering tools. Use of relevant/right materials.	Few incorrectly applied techniques, skills and modern engineering tools. Few issues with selection of relevant/right materials.	Lack of application of correct techniques, skills and modern engineering tools. Random selection of materials.
Overall time and effort invested	Project demonstrates well use of time management and personal/group effort. It is fully manufactured by the group.	Some external manufacturing/ off the shelf products have been used. However, the core/essential parts of the project has been manufactured by the group.	Project has been almost outsourced/ manufactured by an external company.