

CKRSEF Judging Criteria (Engineering/CS Project)

Project Number: _____

Category: _____

Project Component	Points Earned
I. Research Problem	
☐ description of a practical need or problem to be solved ☐ definition of criteria for proposed solution ☐ explanation of constraints	_____/10
II. Design and Methodology	
☐ exploration of alternatives to answer need or problem ☐ identification of a solution ☐ development of a prototype/model	_____/15
III. Execution: Construction and Testing	
☐ prototype demonstrates intended design ☐ prototype has been tested in multiple conditions/trial ☐ prototype demonstrates engineering skill and completeness	_____/20
IV. Creativity	
☐ project demonstrates significant creativity in one or more of the above criteria	_____/20
V. Presentation	
<u>Poster</u> ☐ logical organization of material ☐ clarity of graphics and legends ☐ supporting documentation displayed	_____/10
<u>Interview</u> ☐ clear, concise, thoughtful responses to questions ☐ understanding of basic science relevant to project ☐ understanding interpretation and limitations of results and conclusions ☐ degree of independence in conducting project ☐ recognition of potential impact in science, society and/or economics ☐ quality of ideas for further research ☐ for team projects, contributions to and understanding of project by all members	_____/25

Total Points: _____/100_____

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General Feedback