Judging Criteria for Engineering Projects

I. Kese	earch Problem (10 pts)
d	description of a practical need or problem to be solved (3) definition of criteria for proposed solution (3) explanation of constraints (4)
II. De	sign and Methodology (15 pts)
i	exploration of alternatives to answer need or problem (5) dentification of a solution (5) development of a prototype/model (5)
III. E	xecution: Construction and Testing (20 pts)
p	prototype demonstrates intended design (7) prototype has been tested in multiple conditions/trials (7) prototype demonstrates engineering skill and completeness (6)
IV. C	reativity (20 pts)
p	project demonstrates significant creativity in one or more of the above criteria
V. P	resentation (35 pts)
lo	oster (10 pts) ogical organization of material (3) clarity of graphics and legends (4) supporting documentation displayed (3) terview (25 pts)
1 1 1	clear, concise, thoughtful responses to questions (4) understanding of basic science relevant to project (4) understanding interpretation and limitations of results and conclusions (4) legree of independence in conducting project (4) recognition of potential impact in science, society and/or economics (4) quality of ideas for further research (4 or 5) for team projects, contributions to and understanding of project by all members (1)