

BE MEng/MS Structured Research/Thesis Defense Assessment Form

Student: _____ Course No: BE 691 BE 697/ 698
 Evaluator: _____ Date: _____
 Title: _____

Assess written document and oral presentation - 1-5 rating below (1=Unacceptable 5=Excellent)

Written Assessment	Oral Assessment
Intro/Background & Significance _____ <i>Clearly conveys importance of problem; knowledge of scientific literature; problem clearly defined</i>	Intro/Background & Significance _____ <i>Clearly conveys importance of problem; knowledge of scientific literature; problem clearly defined</i>
Aim(s), Objective(s), Hypotheses _____ <i>Aims/objectives/hypotheses clearly described and appropriately developed & structured</i>	Aim(s), Objective(s), Hypotheses _____ <i>Aims/objectives/hypotheses clearly described and appropriately developed & structured</i>
Methods _____ <i>Methodology appropriate & accurately described; repeatable; data analysis described & appropriate to evaluate aims/objectives/hypotheses</i>	Methods _____ <i>Methodology appropriate & accurately described; repeatable; data analysis described & appropriate to evaluate aims/objectives/hypotheses</i>
Results _____ <i>Findings clearly described with appropriate use of tables & graphics; appropriately demonstrated engineering & statistical concepts & analysis</i>	Results _____ <i>Findings clearly described with appropriate use of tables & graphics; appropriately demonstrated engineering & statistical concepts & analysis</i>
Discussion/Conclusions _____ <i>Main points reinforced, appropriate interpretation of findings; compared findings w/scientific literature; limitation(s) identified; future work described; conclusions supported by findings & not over-reaching</i>	Discussion/Conclusions _____ <i>Main points reinforced, appropriate interpretation of findings; compared findings w/scientific literature; limitation(s) identified; future work described; conclusions supported by findings & not over-reaching</i>
Thesis/Report _____ <i>Well written & organized; specificity in writing; effective communication; conveys depth of knowledge; appropriate terminology</i>	Presentation _____ <i>Effective delivery; professional slides; graphs & tables effective; communicates enthusiasm for topic; understanding of audience; presentation within time limit, ability to answer questions</i>
Overall Written Assessment _____	Overall Oral Assessment _____

Performance Level	Rating	Definition/Description
Unacceptable	1	Does not meet requirements – presentation/description lacks mastery of concepts; work contains significant errors; unclear, disorganized & difficult to follow; English usage, grammar & spelling contain numerous & significant errors.
Poor	2	Meets few requirements – presentation/description indicates incomplete grasp of concepts; work contains errors (some significant); somewhat unclear, disorganized; English usage, grammar & spelling errors that complicate understanding.
Satisfactory	3	Meets requirements – presentation/description indicates basic understanding of concepts; errors may exist but are addressable or explainable; generally clear & well organized; English usage, grammar & spelling have few errors.
Good	4	Exceeds requirements, some at an exceptional level – presentation/description indicates mastery of concepts; contains only minor errors; clear & well-organized, English usage, grammar & spelling have only minor errors.
Excellent	5	Exceeds requirements many at an exceptional level – presentation/description of concepts show advanced understanding; work demonstrates significant mastery of material; clear & well organized, English usage, grammar & spelling contain no errors; at or near publication quality.

Which of the following factors are considered in the development of the advanced solution? Check all factors that apply (at a minimum, the solution must consider at least 3 factors):

- Public health Safety Welfare Global
 Environmental Cultural Social Economic

****Faculty Mentor – send copies of completed forms & student thesis/report to Betty Nunn****

