Tests of Engineering Aptitude, Mathematics, and Science
2025 State Level Essay Rubric

Evaluators: A score of 10 is awarded when the response to that rubric portion surpasses the criteria, exhibiting a WOW factor. A typical score ranges between 6.5 – 9.5 but can include any additional increment. For example, the abstract could score a 9 if it included two of the three criteria, but only briefly addresses one, without adequate detail. An essay failing to address any criteria in a rubric section is awarded a score of a 0.

CRITERIA	10	9.5	8.5	7.5	6.5	0
ABSTRACT (X1) 1. The abstract is between 150-250 words. 2. The abstract is concise and accurately addresses the prompt. 3. The abstract highlights key input from each engineering team, coherent, and clearly related to the proposed solution.	Exceeds Expectations	Includes all the Criteria	Missing 1 of the Criteria	Missing 2 of the Criteria	Missing 3 or More of the Criteria	Fails to Address Any of the Required Criteria or is not included.
INTRODUCTION (X1) 1. Creates an engaging and creative introduction that captures the reader's attention. 2. A thesis statement demonstrates the team's ability to conduct thorough research, analyze data, and synthesize information in a coherent and logical manner. 3. The introduction provides a roadmap for the research and structure of the paper, outlining the scope and direction of the argument.	Exceeds Expectations	Includes all the Criteria	Missing 1 of the Criteria	Missing 2 of the Criteria	Missing 3 or More of the Criteria	Fails to Address Any of the Required Criteria
BODY/CONCLUSION (X2) 1. The body content addresses specific aspects of the solution from the perspectives of two of the engineering disciplines given. 2. The submitted proposal is supported through detailed evidence, inline citations and appendix references, including the location of the island and new hotel which are identified on a map in the appendix. 3. The conclusion provides an interesting and comprehensive summary and clearly identifies a weakness in the proposal as well as the potential impact of the solution.	Exceeds Expectations	Includes all the Criteria	Missing 1 of the Criteria	Missing 2 of the Criteria	Missing 3 or More of the Criteria	Fails to Address Any of the Required Criteria

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TECHNICAL ACCURACY (X2) 1. All data, facts, figures, and technical details are accurate and reflect the current understanding and standards within the field. 2. All technical terms are used correctly and consistently throughout the document. The use of terminology should align with industry standards and be appropriate for the target audience's level of expertise. 3. The technical arguments and explanations are logically sound and coherent.	Exceeds Expectations	Includes all the Criteria	Missing 1 of the Criteria	Missing 2 of the Criteria	Missing 3 or More of the Criteria	Fails to Address Any of the Required Criteria
Organization & Mechanics (X1) 1. The essay conveys a logical progression of ideas. 2. Clear structure is present and assists the reading in easily progressing through the response with smooth transitions. 3. The essay is completely free from grammatical and spelling errors.	Exceeds Expectations	Includes all the Criteria	Missing 1 of the Criteria	Missing 2 of the Criteria	Missing 3 or More of the Criteria	Fails to Address Any of the Required Criteria
Research base and references (X1) 1. Sources are from reputable, peer-reviewed on-line sources, journals, books, and authoritative institutions, relevant to the topic. 2. The range of sources used, including primary and secondary sources, provides a well-rounded perspective on the topic. 3. All sources are correctly cited according to the required citation style and references are seamlessly integrated into the text.	Exceeds Expectations	Includes all the Criteria	Missing 1 of the Criteria	Missing 2 of the Criteria	Missing 3 or More of the Criteria	Fails to Address Any of the Required Criteria

Electronic submission of entries through the online portal only. No emailed submissions.
All submissions are due by 11:59 PM EST on January 13, 2025.