BME/CENG/ELEC/SENG 499 - FINAL REPORT RUBRIC (Supervisor)

Team Number and Names: ____________________________________________ Date: ______________________

Project Title: __________________________________________________________________________

Supervisor: ______________________

<table>
<thead>
<tr>
<th>Topic (Weight)</th>
<th>Fail ( &lt; 50 )</th>
<th>C, D Level ( 50 - 69 )</th>
<th>B Level ( 70 - 79 )</th>
<th>A Level ( 80 – 100 )</th>
<th>Score ( 0 – 100 )</th>
<th>Weighted Score</th>
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</thead>
<tbody>
<tr>
<td>Problem Formulation</td>
<td>Insufficient description of Problem</td>
<td>Minimally adequate description of Problem</td>
<td>Good description of Problem</td>
<td>Clear, complete, excellent description of problem, goals, and specifications.</td>
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<tr>
<td>Design Goals</td>
<td>Insufficient description of goals/specifications</td>
<td>Minimally adequate description of goals/specifications</td>
<td>Goals/specifications</td>
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<tr>
<td>Design Specifications (12%)</td>
<td></td>
<td></td>
<td>Good description of goals/specifications</td>
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<tr>
<td>Review of Literature and other Solutions</td>
<td>Insufficient review of literature / market</td>
<td>Minimal review of literature / market</td>
<td>Alternative design concepts satisfy goals and specifications to some degree.</td>
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<tr>
<td>Design Alternatives and Concepts</td>
<td>No alternative designs</td>
<td>Deficiencies in Exploring and creating alternative design concepts</td>
<td>Advantages and Disadvantages present</td>
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<tr>
<td>Rationales for Concept Selection (13%)</td>
<td>No justification for decisions made</td>
<td>Design decisions not sufficiently justified</td>
<td>Some minor technical or factual errors</td>
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<tr>
<td>Preliminary Design Simulation/Analysis Design Methodology and Details (25%)</td>
<td>Insufficient simulation/analysis</td>
<td>Minimal simulation/analysis</td>
<td>Good simulation or preliminary analysis</td>
<td>Comprehensive simulation preliminary analysis</td>
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<tr>
<td>No design methodology</td>
<td>Minimal design methodology</td>
<td>Good design methodology and project plan</td>
<td>Excellent design methodology and project plan</td>
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<tr>
<td>No project plan</td>
<td>Minimal project plan</td>
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<td>Prototype Detailed Design (25%)</td>
<td>No Prototype</td>
<td>Prototype working with major deficiency</td>
<td>Prototype working with minor problems</td>
<td>Fully working prototype that meets all goals</td>
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<tr>
<td>Testing Evaluation Discussion Future Work (25%)</td>
<td>Insufficient testing and evaluation plan</td>
<td>Minimal adequate test/evaluation plan and actual test performed</td>
<td>Good test/evaluation plan and actual test performed</td>
<td>Comprehensive test/evaluation plan and actual test performed</td>
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<td>Inadequate discussion of results</td>
<td>Minimally adequate discussion of results</td>
<td>Good discussion of results</td>
<td>Excellent discussion of testing results indicating strength and limitations</td>
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