### Design Review Grading Form (25% of course grade)

**Team Number:** __________________________  
**Review Panel Member:** __________________________

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<tr>
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<th>Project Plan (10%)</th>
<th>Design (15%)</th>
<th>Total (25%)</th>
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<td><strong>Grade</strong></td>
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<td><strong>Comments</strong></td>
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#### Project Plan Checklist:

1. Problem and need statements
2. Concept sketch
3. System block diagram
4. System description
5. Operating environment
6. User interface description
7. Requirements (functional and non-functional)
8. Market and literature survey of similar products
9. Deliverables
10. Project management:
    - Work breakdown structure
    - Resource requirements
    - Project schedule
    - Risks

#### Design Document Checklist:

1. System design:
   - System requirements
   - Functional decomposition
   - System analysis
2. Detailed design:
   - Input/output specification
   - User interface specification
   - Hardware and/or software specifications
3. Testing and Evaluation plan
   - Test plan (unit testing, integration testing, system testing, sample test cases)
   - Simulation, modeling and/or prototyping (performance metrics, validation means, preliminary results if any)
4. Basic implementation:
   - Basic building blocks
   - Familiarity to platforms/tools
   - Simulations, if applicable