Cpr E/E E/S E 492: Senior Design II
Faculty Advisor Grading Form (35% of the Course Grade)

Team Number: ____________________  Faculty Advisor: ____________________

<table>
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<tr>
<th>Team Member</th>
<th>Planning and Design (5%)</th>
<th>Implementation/Testing (25%)</th>
<th>Participation (10%)</th>
<th>Total (40%)</th>
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**Planning Checklist:**

- Requirements/Specification:
  - Problem / need statement
  - Concept description
  - Concept sketch / block diagram
  - Operating environment
  - User interface description
  - Functional requirements
  - Non-functional requirements
  - Market / literature survey
  - Deliverables

- Project Plan:
  - Work breakdown
  - Resource requirements
  - Project schedule
  - Risks

**Design Checklist:**

- System design:
  - System requirements / analysis
  - Functional decomposition

- Detailed design:
  - HW/SW specifications
  - I/O specifications
  - User interface specification
  - Test plan
  - Simulation / prototyping

- Design Documents:
  - Mechanical design / CAD
  - Schematics / PCB
  - Software design

**Implementation/Testing:**

- Prototype:
  - Build
  - Test Results

- Project Closure:
  - Conclusions / lessons learned
  - Future work

- Demo
- Q&A

**Participation Checklist:**

- Weekly Meeting
- Attendance
- Timeliness

- Contribution to:
  - Discussions
  - Documentation
  - Development
  - Testing

- Overall:
  - Engineering
  - Presentation / communication