# ENT4950 Registration Permission Form

## Verification of Senior Design Objectives through Enterprise Experience

**Major:**

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<th>Course</th>
<th>Semester/Year</th>
<th>Enterprise Team:</th>
<th>Enterprise Advisor:</th>
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**Part A:** To be completed by student. List completed and planned project work semesters, and if applicable, approved modules for senior design credit:

- **Student:** ____________________________
- **ID#:** M ____________________________
- **Primary major:** ____________
- **2nd major/deg:** ____________
- **e-mail:** ____________@mtu.edu
- **Check if applicable:**
  - ENT concentration
  - Enterprise Minor

**Part B:** To be completed by student and enterprise advisor. Return signed form to the IIS Enterprise Office (722 M&M)

**Project Title:**

**Abstract:** Outline the project scope and deliverables assigned to this student (attach additional pages as needed).

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**ABET Criteria** Check whether student will:

1. **(a)** Apply knowledge of mathematics, science and engineering.
2. **(b)** Design and conduct experiments, as well as to analyze and interpret data.
3. **(c)** Design a system, component, or process to meet desired needs.
4. **(d)** Function on multi-disciplinary team(s) as demonstrated by the execution of a team project that is too large, complex, or diverse for a single person. Partition a project into tasks and lay out a project plan. Execute the project and produce the required deliverables.
5. **(e)** Identify, formulate and solve engineering problems.
6. **(f)** Demonstrate understanding of professional and ethical responsibility.
7. **(g)** Communicate effectively.
8. **(h)** Gain understanding of the impact of engineering solutions in a global, economic, environmental and societal context.
9. **(i)** Recognize the need for, and an ability to engage in life-long learning.
10. **(j)** Gain knowledge of contemporary issues.
11. **(k)** Use the techniques, skills and modern engineering tools necessary for the practice of engineering.

Program specific criteria (please describe on back of this form)

**Approved by:**

- **Enterprise Faculty Advisor**
- **Academic Department**
- **2nd Major/Deg Academic Department**

**Date**

- **Sr Design Ready**

(Initial)

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Return completed from to Enterprise Program Office, IIS, 722 M&M.

Enterprise Design Verification, Rev 3
Feb-09