

# ISE 498 Senior Design Project

## Project Sponsor/Contact Survey

Dear Project Sponsor:

We greatly appreciate the time and support you contribute to the educational experience of our ISE students. Please be assured that your responses (confidential) to this survey will help us in assessing our degree of success in meeting our strategic goals and the requirements of all ABET accredited industrial engineering programs. Thank you for your honest and thoughtful feedback.

Project Title/Company Sponsor

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Person completing survey/Title

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Names of students in project team

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Approximately how often did you interact with the student team personally via telephone or email?

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To what degree do you feel that the goals of the project were achieved?

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Please identify any stumbling blocks to successful project completion which were encountered by the student team, but not necessarily of their own responsibility

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Did you review the final written report? \_\_\_\_ If so, please comment on the final written report quality

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Did you attend the final project presentation? \_\_\_\_ If so, please comment on the quality of the final oral presentation

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Please respond to each of the following statements by writing a number (at left) from 1 to 4 corresponding to your level of agreement with the statement using the scale below.

**1** Disagree-strongly    **2** Disagree    **3** Agree    **4** Agree-strongly    **N/A** No basis for opinion or observation

Based on my observation of student work on this project:

- \_\_\_\_\_ 1. These students were able to apply their knowledge of mathematics to solve engineering problems.
- \_\_\_\_\_ 2. These students were able to apply their knowledge of science to solve engineering problems.
- \_\_\_\_\_ 3. These students were able to apply their knowledge of engineering to solve engineering problems.
- \_\_\_\_\_ 4. These students were able to design/conduct/interpret statistically valid experiments.
- \_\_\_\_\_ 5. These students were able to function on multi-disciplinary teams.
- \_\_\_\_\_ 6. These students demonstrated an understanding of the importance of being constantly aware of team process and dynamics for successful performance.
- \_\_\_\_\_ 7. These students were able to reinforce and support ideas from various team members.
- \_\_\_\_\_ 8. These students were able to negotiate agreements and handle conflict constructively.
- \_\_\_\_\_ 9. These students practiced encouraging open discussion of ideas.
- \_\_\_\_\_ 10. These students worked for and accepted consensus or compromise.
- \_\_\_\_\_ 11. These students were able to plan work and set goals effectively.
- \_\_\_\_\_ 12. These students were able to stay on task toward a timely completion of goals.
- \_\_\_\_\_ 13. These students were able to define and apply a systematic approach to tasks.
- \_\_\_\_\_ 14. These students were able to communicate effectively with persons from other disciplines or work backgrounds.
- \_\_\_\_\_ 15. These students were able to identify, formulate, and solve engineering problems.
- \_\_\_\_\_ 16. These students were able to define an engineering problem in succinct terms which expressed its essential elements and context.
- \_\_\_\_\_ 17. These students were able to use the tools of creative problem solving to produce alternative solutions to a problem.

- \_\_\_\_\_ 18. These students demonstrated abilities of comparing alternative solutions to problems to evaluate and evolve progressively better solutions before final selection.
- \_\_\_\_\_ 19. These students were able to "sell" their ideas or design solutions by effective technical presentations.
- \_\_\_\_\_ 20. These students were able to "sell" their ideas or design solutions by effective written reports.
- \_\_\_\_\_ 21. These students exhibited awareness of the issues which they will likely face in their careers and seemed able and ready to make ethical decisions and behave responsibly.
- \_\_\_\_\_ 22. These students exhibited a good understanding of the impact of engineering solutions in a global and societal context.
- \_\_\_\_\_ 23. These students showed some interest in life-long learning in their profession, and they have begun plans for remaining current in their fields.
- \_\_\_\_\_ 24. These students demonstrated knowledge of contemporary issues relevant to their field.
- \_\_\_\_\_ 25. These students demonstrated an ability to effectively use computer modeling software such as Excel, Visual Basic, Arena, AutoCad, SolidWorks, or Pro-Engineer.
- \_\_\_\_\_ 26. These students demonstrated an ability to effectively use project planning tools such as Microsoft Project.