

Table D4 Senior Exit Survey

To improve the effectiveness of our degree programs, we need your help with the following questions. Your responses will remain anonymous. Only resulting averages and conclusions will be shared.

Please circle the relevant response:

1. Male Female
2. Native American African American Asian American None of these
3. International Student Iowa Student Other US student

Based on your experiences in the IMSE Department, please respond to the following by circling the most appropriate number. Circle NA for those that are not applicable or if you have no opinion. Thank you in advance for sharing your feelings.

A. Indicate your personal satisfaction with how your undergraduate department faculty and staff helped you to: (1 = not satisfied 5 = very satisfied)

- | | |
|--|--------------|
| 1. feel welcome | 1 2 3 4 5 NA |
| 2. find and obtain needed advising | 1 2 3 4 5 NA |
| 3. match an engineering major with your personal interests | 1 2 3 4 5 NA |
| 4. make use of your pre-IMSE academic preparation | 1 2 3 4 5 NA |
| 5. cope with the rigors of an engineering education | 1 2 3 4 5 NA |
| 6. understand the concepts presented in courses | 1 2 3 4 5 NA |
| 7. obtain needed help for your classes | 1 2 3 4 5 NA |

B. Indicate your personal satisfaction with how your undergraduate education in industrial engineering helped you to: (1 = not satisfied 5 = very satisfied)

- | | |
|--|--------------|
| A. apply mathematics, science and engineering principles | 1 2 3 4 5 NA |
| B. design and conduct experiments and interpret data | 1 2 3 4 5 NA |
| C. design a system, component, or process to meet desired needs | 1 2 3 4 5 NA |
| D. function on multidisciplinary teams | 1 2 3 4 5 NA |
| E. identify, formulate, and solve engineering problems | 1 2 3 4 5 NA |
| F. understand of professional and ethical responsibility | 1 2 3 4 5 NA |
| G. communicate effectively | 1 2 3 4 5 NA |
| H. understand the impact of engineering solutions in a global context | 1 2 3 4 5 NA |
| I. recognize the need for and to engage in life-long learning | 1 2 3 4 5 NA |
| J. know contemporary issues | 1 2 3 4 5 NA |
| K. use the techniques, skills, and modern engineering tools necessary for engineering practice | 1 2 3 4 5 NA |
| L. Be able to design, analyze, implement, and manage effective production and service systems | 1 2 3 4 5 NA |
| M. Be able to integrate the engineering and business processes of an organization | 1 2 3 4 5 NA |

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|---|--------------|
| N. Be able to integrate processes involving people,
material, equipment, information, and control. | 1 2 3 4 5 NA |
| O. Have a global perspective of enterprise | 1 2 3 4 5 NA |
| P. Be able to provide leadership in multi-functional teams. | 1 2 3 4 5 NA |

YOUR OVERALL SATISFACTION (not satisfied = 1 very satisfied = 5)

1. Thus far has IMSE met your educational expectations? 1 2 3 4 5 NA

If you could change something to improve the curriculum or student learning, what would you change?

Do you have suggestions in any area that the IMSE Department can improve in the areas of curriculum or student learning? YES NO

If YES, in what areas can the curriculum or student learning be improved? Please list.

2. Did you have adequate access to and contact with IMSE faculty outside of the classroom?

Please circle one: YES NO

How can we improve your out of class access and contact time?

3. Did you change majors during your schooling at ISU? Please circle one: YES NO

If YES, please describe the changes, including why you made the change and at what point in your academic career was it made.

4. Did you have a career related experience while in school (co-op, research project, summer, part-time)?

Please circle one (YES NO).

If yes, please describe the most significant experience:

Company/Organization Name _____ Total number of months involved _____

Satisfaction with this experience: 1 2 3 4 5

5. Are you a member of a professional society student chapter (i.e. IIE, HIMSS, etc.) sponsored by IMSE? Please circle one: YES NO

Organization 1: _____ satisfaction with this experience 1 2 3 4
5

Organization 2: _____ satisfaction with this experience 1 2 3 4
5

Organization 3: _____ satisfaction with this experience 1 2 3 4
5

The following is, in our opinion, the most important question. Please spend as much time as necessary to provide us with this information to improve our program.

6. Do you feel that, at graduation, you will have received adequate preparation to begin your employment career or to enter graduate school? Please circle one: YES NO NOT SURE

6a. If your answer to question 6 above was either “No” or “Not Sure”, please tell us the program’s weak points.

6b. If your answer was “Yes” to question 6 above, please tell us what were the programs strong points.

6c. Please give us suggestions on how we might address the problems you mention in answer 6 above.