

Table D5 Alumni Survey

One of the key portions of the department's ongoing improvement process is program assessment and improvement. To improve the effectiveness of our degree program we need your help by responding to the following questions. Thank you for your cooperation in this important matter.

Name _____

Graduation semester/year _____

List any other degrees or training obtained *since* receiving your bachelors degree in Industrial Engineering at ISU:

Degree/training	University/Department	Date
_____	_____	_____
_____	_____	_____
_____	_____	_____

Current Position: _____

Company: _____

Address: _____

Title: _____

email: _____

Phone: _____

Responsibilities: _____

Previous positions in the past five years

Company: _____ Title: _____

Company: _____ Title: _____

In what Professional Societies are you a member?

Society: _____ Membership Grade _____

Society: _____ Membership Grade _____

Society: _____ Membership Grade _____

Society: _____ Membership Grade _____

Based on your experiences at ISU, 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.

1. How well did your education in IE at ISU help your ability to: (1 = not at all 5 = extremely well)

- | | |
|--|--------------|
| 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 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 |
| 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 |

Which of the factors listed in 1A thru 1P above do you feel have been most important in the development of your career?

2. Overall, how well were you prepared for your career, relative to your colleagues from other universities, to: (1 = much worse 5 = significantly better)

- | | |
|---|--------------|
| 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 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
- 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

Which of the factors listed in 2A thru 2P above do you feel should have been most emphasized more in your undergraduate program?

3. For the next set of questions use: 1 = not satisfied 5 = very satisfied

3a. Did your college experience meet your career needs? 1 2 3 4 5
 What would you have changed?

3b. Have you learned anything on the job that you feel should have been included in your college education at ISU? YES NO

If YES, what are the missing topics/concepts?

3c. Did you have a career related experience while at ISU (co-op, internship, 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

3d. Were you a member of a professional society student chapter (i.e. IIE, HIMSS, INFORMS, etc.) sponsored by the IMSE Department? 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
Organization 4: _____	satisfaction with this experience	1 2 3 4 5

3e. Do you feel that at graduation you were adequately prepared to begin your career employment or graduate school ? Please circle one: YES NO

3f. Additional comments:

May we quote you in our evaluation report? Please circle one: YES NO

May we contact you for further information? Please circle one: YES NO