

ALUMNI EMPLOYER SURVEY

This survey is a request for information regarding NDSU Industrial and Manufacturing Engineering Alumni from the perspective of their employers. We are requesting feedback and input regarding how the educational experience at NDSU prepared our alumni for their career. Your responses serve us in many ways. They will help us identify our strengths and weaknesses, target areas for improvement and help enrich the educational experience of our Department's future students. Most of these questions relate to our Accreditation Board for Engineering and Technology (ABET) accreditation procedures. Your responses will also help us to measure some of our successes at meeting ABET objectives as measured by specific outcomes.

We would very much appreciate your taking a few minutes to complete the survey. Rest assured that your responses will be kept confidential and never reported individually. Please return the survey to the address shown in the gray-shaded box above.

Thank you for taking time to respond to this survey.



Department of Industrial & Manufacturing Engineering
North Dakota State University
Alumni Employer Survey

To be Completed by the Alumni

1. Alumni Name:

Enter your response

2. Semester and Year Graduated:

Enter your response

3. Degree Received:

Please choose one

Mark up to 1

a. Industrial Engineering & Management

b. Manufacturing Engineering

4. Current Job Title:

Enter your response

To be Completed by the Alumni Employer Representative - OPTIONAL

5. Name of the Person Completing the Survey:

Enter your response

6. Job Title:

Enter your response

7. Company Name and Location:

Enter your response

8. Date Survey Completed:

Enter your response

Listed below are four overarching educational objectives for graduates of the Bachelor of Science Degrees from the Department of Industrial and Manufacturing Engineering. These objectives are designed to evaluate expected learning outcomes.

As it pertains to the education your employee received at NDSU, please indicate your opinion of the quality of preparation of your employee in terms of meeting each of these objectives by blackening the appropriate circle.

9. *Knowledge in scientific and technical areas.*
has the ability to:

- a. apply mathematical, science, and engineering knowledge to the analysis of various problems and issues in the field graduated from,
- b. use the techniques, skills and modern engineering and management tools necessary for industrial/service enterprise practices, and
- c. engage in continuous professional self-improvement and lifelong learning.

VW-Very Well W-Well M-Marginally NA-Not At ALL NO-No Opinion

10. *Development of industrial engineering and management experiments, systems, components, or process.*
is capable of

- a. designing and conducting scientific and engineering experiments, and interpreting the results,
- b. designing, proving, operating and supporting productive systems, components, and processes that meet desired needs, and
- c. identifying, formulating and solving engineering and management problems, using a system approach.

VW-Very Well W-Well M-Marginally NA-Not At ALL NO-No Opinion

11. Skills in multi-disciplinary teamwork and communication.

Has the ability to

- a. be an effective contributing member on multi-disciplinary teams, and to
- b. manage projects, and to communicate effectively in oral and written forms.

VW-Very Well W-Well M-Marginally NA-Not At ALL NO-No Opinion

12. Understanding of professional, ethical, global, societal, and contemporary issues in engineering and management.

Understands and able to incorporate into his/her work considerations of

- a. professional and ethical responsibilities,
- b. the environmental, economical, humanitarian, and legal impact of engineering solutions on societies, and
- c. contemporary issues including world events, emerging technologies, and human and environmental safety and welfare.

VW-Very Well W-Well M-Marginally NA-Not At ALL NO-No Opinion

13. Comments:

Enter your response