



Cleveland State University

Fenn College of Engineering

Department of Chemical and Biomedical Engineering

Alumni Survey

All individual responses will be kept confidential. Only representative results from the entire population will be shared with the Program constituents.

The section in this box is optional, and will be used to update our database:

Name: _____ E-mail: _____ Phone: _____
Last First MI

Address (if different from that on envelope):

Street Address _____ City _____ State _____ ZIP _____ - _____

Current or most recent Employer _____ **Position Title** _____

Year of graduation with Bachelor of Chemical Engineering degree: _____

Since graduation, have you (check all that apply)

- Enrolled in graduate course(s)
- Joined a professional association
- Been admitted to a graduate program
Program Name _____
Did you enroll? Y N
- Attended workshops or short courses or professional meetings
- Made technical presentations
- Subscribed to or regularly read a technical or professional journal
- Received an award or recognition for your work

Please, explain briefly _____

Your current position is (select only one)

- Within the engineering field corresponding to your degree
- Within an engineering field
- Outside engineering
- Student
State degree that you are seeking _____
- Unemployed

Your type of position (select all that apply):

- | | | | |
|---|---|---|---|
| <input type="checkbox"/> Consulting | <input type="checkbox"/> Product Design | <input type="checkbox"/> Product Support | <input type="checkbox"/> Project Manager |
| <input type="checkbox"/> Customer Service/Support | <input type="checkbox"/> Manufacturing/Production | <input type="checkbox"/> Software Development | <input type="checkbox"/> Quality assurance |
| <input type="checkbox"/> Research or Development | <input type="checkbox"/> Marketing/Sales | <input type="checkbox"/> Operations/Maintenance | <input type="checkbox"/> Health and Safety |
| <input type="checkbox"/> Management | <input type="checkbox"/> Testing | <input type="checkbox"/> Professor/Instructor | <input type="checkbox"/> Instructor (Secondary Ed.) |
| <input type="checkbox"/> Other _____ | | | |

You can access this (PDF) form at http://www.csuohio.edu/chemical_engineering/EC2000/assess.htm [follow the link to "Feedback"]. Save it in your computer, and e-mail it to ChE@csuohio.edu after you complete the appropriate fields

(Please turn to other side →)

How well did your undergraduate studies at Cleveland State University prepare you in the following areas?

	Excellent	Very Well	Moderately	Fair	Poor	N/A
1. Ability to apply knowledge of mathematics	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Ability to apply knowledge of science	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Ability to apply knowledge of engineering	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Ability to design experiments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Ability to conduct experiments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Ability to analyze and interpret data	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Ability to design a system, component, or process to meet a need	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Ability to work in a multi-disciplinary team	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Ability to identify, formulate, and solve engineering problems	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Understanding of ethical and professional responsibility	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Ability to communicate effectively in oral presentations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Ability to communicate effectively in writing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Understanding the impact of engineering solutions in a global and societal context	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. Knowledge of contemporary issues	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Ability to use the up-to-date techniques necessary for engineering practice	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16. Ability to use computers and modern software packages as problem-solving tools	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. Ability to use reference materials to solve problems	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. Knowledge of advanced topics in my discipline	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Do you have suggestions on how we can improve our program? (Comments may also be emailed to ChE@csuohio.edu)

This survey is an important element in the Assessment Practices implemented at the Department of Chemical and Biomedical Engineering. These practices were first promoted by ABET, the accrediting body for Engineering and Technology programs, to ensure Continuous Program Improvement. These activities have in time become seamlessly integrated within Cleveland State University institutional framework of Techniques for the Assessment of Student Learning. The information provided will be used to assess the effectiveness of the Chemical Engineering Program in achieving its Educational Objectives and for Continuous Program and Curriculum Enhancement.

[Do you want to learn more? Visit <http://www.abet.org/>]

Thank you for participating in this survey. Your feedback is greatly appreciated.

http://www.csuohio.edu/chemical_engineering/

ChE@csuohio.edu

Telephone: (216) 687-2571

If you prefer, you can print this survey and FAX it to

(216) 687-9220

Mailing Address: 2121 Euclid Avenue, SH 455 • Cleveland, Ohio 44115-2214

Campus Location: Stilwell Hall, Room 455 • 1960 East 24th Street • Cleveland, Ohio

Telephone: (216) 687-2569 • Telex: 810-421-8252 • Fax: (216) 687-9220