

UMD Chemical Engineering Co-Op Student Survey

Student Name: _____ Employer: _____

Grade Level ____ Fr ____ So ____ Jr ____ Sr

Co-Op date: _____ start to _____ end

Please rate the following attributes with respect to your overall satisfaction in how well the department prepared you to work as a chemical engineer as well as how important you believe the attribute is (was) for your particular situation.

Use 1=Very Dissatisfied through 5 = Very Satisfied for column 'Your Preparation'.

Use 1= Not useful through 5 = Very Useful for column 'Perceived Level of Importance for Employer'.

Use NA for any issue that is (was) not applicable to your situation.

Attribute	Your Preparation	Perceived Level of Importance for Employer
Apply knowledge of mathematics, science, and engineering		
Design and conduct experiments (large or small in scale), as well as analyze and interpret data, using modern experimental and computing techniques.		
Design a system, component, or process to meet desired needs.		
Function on multi-disciplinary team		
Identify, formulate, and solve engineering problems		
An understanding professional and ethical responsibility in the profession of chemical engineering		
Communicate effectively in writing		
Communicate effectively orally		
The broad education necessary to understand the impact of engineering solutions in a global and societal context		
A recognition of the need for, and an ability to engage in life-long learning		
A knowledge of contemporary issues		
Use techniques, skill, and modern engineering tools necessary for chemical engineering practice		
Ability to use applied statistics and design of experiment concepts toward your specific job.		
Understanding of the environmental aspects of your engineering projects		

Return survey to:

Department of Chemical Engineering, University of Minnesota Duluth, 176 Engineering Building, 1303 Ordean Court, Duluth, MN 55812

Email: che@d.umn.edu Fax: (218) 726-6907

Copies:

1. Original to Faculty Supervisor (Faculty record notes on student performance on back)
2. Copy to Student
3. Copy to Chemical Engineering Department, 176 Engineering Building

UMD Chemical Engineering Co-Op Employer Survey

Student Name: _____ Employer: _____

Please rate the following attributes with respect to your overall satisfaction in how well the student you supervised is (was) prepared to work as an engineer as well as how important you believe the attribute is (was) for your particular situation.

Use 1=Very Dissatisfied through 5 = Very Satisfied for column 'Student's Preparation'.

Use 1= Not useful through 5 = Very Useful for column 'Level of Importance for Employer'.

Use NA for any issue that is (was) not applicable to your situation.

Attribute	Student's Preparation	Level of Importance for Employer
Apply knowledge of mathematics, science, and engineering		
Design and conduct experiments (large or small in scale), as well as analyze and interpret data, using modern experimental and computing techniques.		
Design a system, component, or process to meet desired needs.		
Function on multi-disciplinary team		
Identify, formulate, and solve engineering problems		
An understanding professional and ethical responsibility in the profession of chemical engineering		
Communicate effectively in writing		
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The broad education necessary to understand the impact of engineering solutions in a global and societal context		
A recognition of the need for, and an ability to engage in life-long learning		
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