

Graduation Class Year: 2020 (COW)Current Term: AY19-1

<u>Instructions:</u>	<u>CH363</u>	<u>EE301</u>	<u>MC311</u>	<u>CH383</u>
<ul style="list-style-type: none"> For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement. Complete the survey for each column (CH363, EE301, MC311, and CH383), unless you have not taken the course yet. Use the extra column for any additional course, such as an elective, that you would like to rate. 				
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	5	3	4	4
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	5	3	4	4
This course has improved my ability to communicate effectively with a range of audiences.	5	5	5	5
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	4	3	4	3
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	5	4	5	3
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	5	4	4	5
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	5	5	5	5

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

The Chemical Engineering program should be internally focused into the CL & S department because the engineering classes outside the department are very obviously tailored to mechanical engineers & it would benefit the students if our classes were separate & tailored to Chemical Engineering.

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This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	4	4	5	4	
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	5	5	5	3	
This course has improved my ability to communicate effectively with a range of audiences.	2	2	2	2	
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	4	2	2	4	
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	3	3	3	3	
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	5	5	5	5	
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	4	4	5	5	

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	CH363	EE301	MC311	CH383 2017	
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This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	5	3	5	3	
This course has improved my ability to communicate effectively with a range of audiences.	5	2	4	3	
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	5	4	5	4	
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	4	2	4	4	
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	5	4	5	5	
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	5	5	5	5	

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Graduation Class Year: 2020 (COW)Current Term: AY19-1AY18
4**Instructions:**

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This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	5	1	5	3	
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	5	3	5	4	
This course has improved my ability to communicate effectively with a range of audiences.	4	3	4	4	
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	5	3	4	3	
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	5	5	6	3	
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	5	4	5	4	
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	5	4	5	4	

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5

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	<u>CH363</u> <u>Q - 1</u>	<u>EE301</u> <u>Q - 2</u>	<u>MC311</u> <u>Q - 1</u>	<u>CH383</u> <u>Q - 4</u>	
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I would like to see EE301 be more integrated into our curriculum. Right now it seems like a stand alone class, while every other course we have taken so far build off each other.

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I understood less about chemical engineering after taking the class than before.
 I think it would be beneficial to look at a separation process problem from a systems perspective. It would be interesting to learn how to optimize not only how well a process runs, but also how economical it is.

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Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Graduation Class Year: 2020 (COW)Current Term: AY19-1**Instructions:**

- For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement.
- Complete the survey for each column (CH363, EE301, MC311, and CH383), unless you have not taken the course yet.
- Use the extra column for any additional course, such as an elective, that you would like to rate.

	CH363	EE301	MC311	CH383	
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	5	5	5	5	
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	5	3	3	4	
This course has improved my ability to communicate effectively with a range of audiences.	5	3	3	4	
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	5	4	4	4	
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	4	4	5	5	
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	4	4	4	5	
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	5	5	5	5	

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Graduation Class Year: 2020 (COW)Current Term: AY19-1**Instructions:**

- For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement.
- Complete the survey for each column (CH363, EE301, MC311, and CH383), unless you have not taken the course yet.
- Use the extra column for any additional course, such as an elective, that you would like to rate.

	CH363	EE301	MC311	CH383	
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	5	3	5	3	
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	5	2	5	3	
This course has improved my ability to communicate effectively with a range of audiences.	5	2	5	4	
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	4	3	3	2	
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	5	5	5	3	
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	4	4	4	5	
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	5	3	5	3	

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

I personally enjoy/approve of the chemical engineering program to expose us to various domains of engineering.. this should be continued in the future,

Graduation Class Year: 2020 (COW)Current Term: AY19-1**Instructions:**

- For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement.
- Complete the survey for each column (CH363, EE301, MC311, and CH383), unless you have not taken the course yet.
- Use the extra column for any additional course, such as an elective, that you would like to rate.

	CH363	EE301	MC311	CH383
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	4	4	4	4
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	3	3	3	3
This course has improved my ability to communicate effectively with a range of audiences.	3	3	3	3
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	4	3	3	4
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	4	4	4	4
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	4	4	4	4
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	5	5	5	5

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Graduation Class Year: 2020 (COW)Current Term: AY19-1

<u>Instructions:</u>	<u>CH363</u>	<u>EE301</u>	<u>MC311</u>	<u>CH383</u>
<ul style="list-style-type: none"> For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement. Complete the survey for each column (CH363, EE301, MC311, and CH383), unless you have not taken the course yet. Use the extra column for any additional course, such as an elective, that you would like to rate. 				
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	5	3	1	4
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	5	3	4	3
This course has improved my ability to communicate effectively with a range of audiences.	4	3	5	3
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	3	3	3	4
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	4	3	5	5
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	5	3	4	5
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	5	3	5	5

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Absolutely love Chemical Engineering!

Graduation Class Year: 2020 (COW)Current Term: AY19-1**Instructions:**

- For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement.
- Complete the survey for each column (CH363, EE301, MC311, and CH383), unless you have not taken the course yet.
- Use the extra column for any additional course, such as an elective, that you would like to rate.

	CH363	EE301	MC311	CH383	
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	4	2	4	2	
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	3	1	3	2	
This course has improved my ability to communicate effectively with a range of audiences.	3	1	3	3	
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	4	2	4	3	
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	4	3	5	3	
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	5	3	5	4	
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	5	3	5	4	

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Graduation Class Year: 2020 (COW)Current Term: AY19-1

<u>Instructions:</u>	CH363	EE301	MC311	CH383
<ul style="list-style-type: none"> For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement. Complete the survey for each column (CH363, EE301, MC311, and CH383), unless you have not taken the course yet. Use the extra column for any additional course, such as an elective, that you would like to rate. 				
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	3	3	4	1
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	4	2	2	1
This course has improved my ability to communicate effectively with a range of audiences.	4	5	5	5
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	3	2	2	2
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	4	1	3	3
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	3	1	3	1
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	2	3	4	4

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Graduation Class Year: 2020 (COW)Current Term: AY19-1

<u>Instructions:</u>	<u>CH363</u>	<u>EE301</u>	<u>MC311</u>	<u>CH383</u>	
<ul style="list-style-type: none"> For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement. Complete the survey for each column (CH363, EE301, MC311, and CH383), unless you have not taken the course yet. Use the extra column for any additional course, such as an elective, that you would like to rate. 					
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	5	4	3	2	
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	4	1	1	3	
This course has improved my ability to communicate effectively with a range of audiences.	3	3	3	3	
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	5	5	2	3	
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	4	4	1	3	
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	5	3	4	5	
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	4	4	2	3	

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Graduation Class Year: 2020 (COW)Current Term: AY19-1

Instructions:	CH363	EE301	MC311	CH383	
<ul style="list-style-type: none"> For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement. Complete the survey for each column (CH363, EE301, MC311, and CH383), unless you have not taken the course yet. Use the extra column for any additional course, such as an elective, that you would like to rate. 					
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	5	5	5	5	
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	5	2	5	5	
This course has improved my ability to communicate effectively with a range of audiences.	3	2	5	5	
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	5	2	5	5	
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	5	2	5	5	
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	5	3	5	5	
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	5	4	5	5	

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Graduation Class Year: 2020 (COW)Current Term: AY19-1

Instructions:	CH363	EE301	MC311	CH383	
<ul style="list-style-type: none"> For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement. Complete the survey for each column (CH363, EE301, MC311, and CH383), unless you have not taken the course yet. Use the extra column for any additional course, such as an elective, that you would like to rate. 					
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	4	5	5	4	
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	5	5	5	5	
This course has improved my ability to communicate effectively with a range of audiences.	4	5	4	4	
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	4	4	4	4	
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	5	5	5	4	
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	5	5	5	5	
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	5	5	5	5	

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Graduation Class Year: 2020 (COW)Current Term: AY19-1

<u>Instructions:</u>	<u>CH363</u>	<u>EE301</u>	<u>MC311</u>	<u>CH383</u>	
<ul style="list-style-type: none"> For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement. Complete the survey for each column (CH363, EE301, MC311, and CH383), unless you have not taken the course yet. Use the extra column for any additional course, such as an elective, that you would like to rate. 					
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	4	4	5	2	
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	5	2	5	3	
This course has improved my ability to communicate effectively with a range of audiences.	3	3	3	3	
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	5	5	5	5	
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	5	5	5	5	
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	5	5	5	5	
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	4	4	4	5	

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Branch: Quartermaster detail ArmorClass Year: 2019 (FIRSTIE)Term: AY19-1

Instructions:	CH485	CH459	CH365	Elective 1:	Elective 2:
<ul style="list-style-type: none"> For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement. Complete one column for each course listed (CH459, CH485, and CH481) - 3 separate sets of responses. Use the extra columns for any elective courses that you would like to rate. 					
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	4	4	4		
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	4	5	4		
This course has improved my ability to communicate effectively with a range of audiences.	4	4	4		
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	4	4	4		
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	3	5	3		
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	3	5	3		
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	5	5	5		

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Branch: EngineersClass Year: 2019 (FIRSTIE)Term: AY19-1

2

<u>Instructions:</u>	<u>CH485</u>	<u>CH459</u>	<u>CH365</u>	<u>Elective 1: NE360</u>	<u>Elective 2: N/A</u>
<ul style="list-style-type: none"> For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement. Complete one column for each course listed (CH459, CH485, and CH481) - 3 separate sets of responses. Use the extra columns for any elective courses that you would like to rate. 					
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	5	5	5	4	X
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	5	5	5	5	
This course has improved my ability to communicate effectively with a range of audiences.	5	5	5	3	X
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	5	5	5	4	X
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	5	5	5	3	X
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	5	5	5	3	X
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	5	5	5	2	X

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Easily my most satisfying semester, great applications
of ChemE concepts & great instructors

Branch: CyberClass Year: 2019 (FIRSTIE)Term: AY19-1

3

Instructions:

- For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement.
- Complete one column for each course listed (CH459, CH485, and CH481) - 3 separate sets of responses.
- Use the extra columns for any elective courses that you would like to rate.

	<u>CH485</u>	<u>CH459</u>	<u>CH365</u>	<u>Elective 1: NE300</u>	<u>Elective 2: _____</u>
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	4	5	4	4	
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	4	4	4	4	
This course has improved my ability to communicate effectively with a range of audiences.	4	5	4	4	
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	4	4	4	4	
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	4	5	4	3	
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	5	5	5	4	
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	5	5	5	3	

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Branch: EngineersClass Year: 2019 (FIRSTIE)Term: AY19-1

4

Instructions:

- For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement.
- Complete one column for each course listed (CH459, CH485, and CH481) - 3 separate sets of responses.
- Use the extra columns for any elective courses that you would like to rate.

This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.

<u>CH485</u>	<u>CH459</u>	<u>CH365</u>	<u>Elective 1: 4433</u>	<u>Elective 2:</u>
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4	5	5	4	
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This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.

5	5	5	3	
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This course has improved my ability to communicate effectively with a range of audiences.

5	5	5	4	
---	---	---	---	--

This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.

4	5	4	4	
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This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.

5	5	3	5	
---	---	---	---	--

This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.

4	5	4	5	
---	---	---	---	--

This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.

5	5	5	4	
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Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Branch: SignalClass Year: 2019 (FIRSTIE)Term: AY19-1

5

<u>Instructions:</u>	<u>CH485</u>	<u>CH459</u>	<u>CH365</u>	<u>Elective 1: MC320</u>	<u>Elective 2: _____</u>
<ul style="list-style-type: none"> For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement. Complete one column for each course listed (CH459, CH485, and CH481) - 3 separate sets of responses. Use the extra columns for any elective courses that you would like to rate. 					
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	5	4	5	2	
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	5	5	4	3	
This course has improved my ability to communicate effectively with a range of audiences.	5	5	5	3	
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	5	5	5	3	
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	3	5	3	4	
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	4	5	3	3	
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	5	5	5	1	

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Branch: InfantryClass Year: 2019 (FIRSTIE)Term: AY19-1

6

Instructions:	CH485	CH459	CH365	Elective 1: <u>300</u>	Elective 2: _____
<ul style="list-style-type: none"> For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement. Complete one column for each course listed (CH459, CH485, and CH481) - 3 separate sets of responses. Use the extra columns for any elective courses that you would like to rate. 					
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	5	5	5	3	
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	5	5	5	4	
This course has improved my ability to communicate effectively with a range of audiences.	5	4	5	5	
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	4	4	5	4	
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	5	5	5	4	
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	5	5	5	4	
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	5	5	5	3	

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Branch: AVIATIONClass Year: 2019 (FIRSTIE)Term: AY19-1

7

Instructions:

- For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement.
- Complete one column for each course listed (CH459, CH485, and CH481) - 3 separate sets of responses.
- Use the extra columns for any elective courses that you would like to rate.

This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.

CH485	CH459	CH365	Elective 1: <u>EM411</u>	Elective 2: <u> </u>
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4	5	5	2	
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This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.

4	5	5	2	
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This course has improved my ability to communicate effectively with a range of audiences.

4	5	5	4	
---	---	---	---	--

This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.

3	4	3	4	
---	---	---	---	--

This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.

4	5	4	3	
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This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.

4	5	4	2	
---	---	---	---	--

This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.

4	5	5	3	
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Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Branch: EngineersClass Year: 2019 (FIRSTIE)Term: AY19-1

8

<u>Instructions:</u>	<u>CH485</u>	<u>CH459</u>	<u>CH365</u>	<u>Elective 1: M320</u>	<u>Elective 2:</u>
<ul style="list-style-type: none"> For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement. Complete one column for each course listed (CH459, CH485, and CH481) - 3 separate sets of responses. Use the extra columns for any elective courses that you would like to rate. 					
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	5	5	5	4	
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	5	5	5	4	
This course has improved my ability to communicate effectively with a range of audiences.	5	5	5	4	
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	4	4	4	3	
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	4	5	4	4	
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	5	5	5	4	
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	5	5	5	4	

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Branch: InfantryClass Year: 2019 (FIRSTIE)Term: AY19-1

9

Instructions:	CH485	CH459	CH365	Elective 1:	Elective 2:
<ul style="list-style-type: none">For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement.Complete one column for each course listed (CH459, CH485, and CH481) - 3 separate sets of responses.Use the extra columns for any elective courses that you would like to rate.					
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	4	5	4		
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	4	4	4		
This course has improved my ability to communicate effectively with a range of audiences.	5	5	4		
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	4	4	4		
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	4	5	4		
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	4	5	4		
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	4	5	4		

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Branch: AviationClass Year: 2019 (FIRSTIE)Term: AY19-1

10

Instructions:	CH485	CH459	CH365	Elective 1: EV37	Elective 2: _____
<ul style="list-style-type: none"> For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement. Complete one column for each course listed (CH459, CH485, and CH481) - 3 separate sets of responses. Use the extra columns for any elective courses that you would like to rate. 					
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	5	5	5	3	
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	5	5	5	3	
This course has improved my ability to communicate effectively with a range of audiences.	3	5	4	3	
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	4	5	4	3	
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	3	5	3	3	
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	4	5	4	3	
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	5	5	5	3	

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Branch: AVClass Year: 2019 (FIRSTIE)Term: AY19-1

11

Instructions:	CH485	CH459	CH365	Elective 1: ME350	Elective 2: _____
<ul style="list-style-type: none"> For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement. Complete one column for each course listed (CH459, CH485, and CH481) - 3 separate sets of responses. Use the extra columns for any elective courses that you would like to rate. 					
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	5	4	5	3	
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	5	5	5	4	
This course has improved my ability to communicate effectively with a range of audiences.	4	5	5	4	
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	4	4	4	4	
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	5	5	5	4	
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	5	5	4	4	
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	5	5	5	4	

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Branch: EngineersClass Year: 2019 (FIRSTIE)Term: AY19-1

12

Instructions:	CH485	CH459	CH365	Elective 1:	Elective 2:
<ul style="list-style-type: none"> For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement. Complete one column for each course listed (CH459, CH485, and CH481) - 3 separate sets of responses. Use the extra columns for any elective courses that you would like to rate. 					
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	4	5	4		
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	4	5	5		
This course has improved my ability to communicate effectively with a range of audiences.	4	5	4		
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	4	5	5		
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	3	5	3		
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	5	5	5		
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	4	5	4		

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Branch: MI

Class Year: 2019 (FIRSTIE)

Term: AY19-1

13

Instructions:	CH485	CH459	CH365	Elective 1:	Elective 2:
<ul style="list-style-type: none"> For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement. Complete one column for each course listed (CH459, CH485, and CH481) - 3 separate sets of responses. Use the extra columns for any elective courses that you would like to rate. 					
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	5	5	5		
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	4	4	3		
This course has improved my ability to communicate effectively with a range of audiences.	5	5	5		
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	3	4	3		
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	4	5	4		
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	5	5	4		
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	5	5	5		

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Branch: ENGINEERSClass Year: 2019 (FIRSTIE)Term: AY19-1

14

Instructions:	CH459	CH459	CH365	Elective 1:	Elective 2:
<ul style="list-style-type: none"> For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement. Complete one column for each course listed (CH459, CH485, and CH481) - 3 separate sets of responses. Use the extra columns for any elective courses that you would like to rate. 					
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	5	5			
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	5	5			
This course has improved my ability to communicate effectively with a range of audiences.	5	5			
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	5	5			
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	5	5			
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	5	5			
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	5	5			

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Branch: N/AClass Year: 2019 (FIRSTIE)^{*}Term: AY19-115^{*} - 2020 w/ T-device

<u>Instructions:</u>	<u>CH485</u>	<u>CH459</u>	<u>CH365</u>	<u>Elective 1:</u> _____	<u>Elective 2:</u> _____
<ul style="list-style-type: none"> For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement. Complete one column for each course listed (CH459, CH485, and CH481) - 3 separate sets of responses. Use the extra columns for any elective courses that you would like to rate. 					
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	4	5	5		
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	3	4	4		
This course has improved my ability to communicate effectively with a range of audiences.	4	5	5		
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	4	5	5		
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	5	5	5		
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	4	5	5		
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	5	5	5		

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Branch: Field ArtilleryClass Year: 2019 (FIRSTIE)Term: AY19-1

l6

<u>Instructions:</u>	<u>CH485</u>	<u>CH459</u>	<u>CH365</u>	<u>Elective 1:</u> _____	<u>Elective 2:</u> _____
<ul style="list-style-type: none"> For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement. Complete one column for each course listed (CH459, CH485, and CH481) - 3 separate sets of responses. Use the extra columns for any elective courses that you would like to rate. 					
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	4	5	4		
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	4	5	5		
This course has improved my ability to communicate effectively with a range of audiences.	4	4	4		
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	4	4	5		
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	4	5	4		
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	4	4	4		
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	4	5	4		

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Branch: InfantryClass Year: 2019 (FIRSTIE)Term: AY19-1

17

Instructions:

- For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement.
- Complete one column for each course listed (CH459, CH485, and CH481) - 3 separate sets of responses.
- Use the extra columns for any elective courses that you would like to rate.

This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.

CH485	CH459	CH365	Elective 1:	Elective 2:
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4	5	5		
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This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.

4	5	5		
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This course has improved my ability to communicate effectively with a range of audiences.

4	5	5		
---	---	---	--	--

This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.

4	5	5		
---	---	---	--	--

This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.

4	5	5		
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This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.

4	5	5		
---	---	---	--	--

This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.

4	4	5		
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Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Branch: CivilianClass Year: 2019 (FIRSTIE)Term: AY19-1

18

Instructions:	CH485	CH459	CH365	Elective 1: _____	Elective 2: _____
<ul style="list-style-type: none"> For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement. Complete one column for each course listed (CH459, CH485, and CH481) - 3 separate sets of responses. Use the extra columns for any elective courses that you would like to rate. 					
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	5	5	5		
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	5	5	4		
This course has improved my ability to communicate effectively with a range of audiences.	5	5	5		
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	4	5	5		
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	3	5	3		
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	4	5	3		
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	4	4	5		

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Branch: InfantryClass Year: 2019 (FIRSTIE)Term: AY19-1

19

Instructions:	CH485	CH459	CH365	Elective 1: EM410	Elective 2: _____
<ul style="list-style-type: none"> For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement. Complete one column for each course listed (CH459, CH485, and CH481) - 3 separate sets of responses. Use the extra columns for any elective courses that you would like to rate. 					
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	3	5	5	5	
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	4	5	5	5	
This course has improved my ability to communicate effectively with a range of audiences.	4	4	4	4	
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	4	4	4	4	
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	5	5	5	4	
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	5	5	5	5	
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	3	5	5	5	

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Branch: FA/MJ

Class Year: 2019 (FIRSTIE)

Term: AY19-1

20

Instructions:

- For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement.
- Complete one column for each course listed (CH459, CH485, and CH481) - 3 separate sets of responses.
- Use the extra columns for any elective courses that you would like to rate.

	CH485	CH459	CH365	Elective 1:	Elective 2:
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	5	5	5		
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	5	5	5		
This course has improved my ability to communicate effectively with a range of audiences.	5	5	5		
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	5	5	5		
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	4	4	4		
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	5	5	5		
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	4	5	5		

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Branch: ARClass Year: 2019 (FIRSTIE)Term: AY19-121**Instructions:**

- For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement.
- Complete one column for each course listed (CH459, CH485, and CH481) - 3 separate sets of responses.
- Use the extra columns for any elective courses that you would like to rate.

	CH485	CH459	CH365	Elective 1:	Elective 2:
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	3	4	5		
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	3	4	4		
This course has improved my ability to communicate effectively with a range of audiences.	3	4	4		
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	2	5	4		
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	3	4	4		
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	3	4	4		
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	3	4	5		

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Branch: MSClass Year: 2019 (FIRSTIE)Term: AY19-122**Instructions:**

- For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement.
- Complete one column for each course listed (CH459, CH485, and CH481) - 3 separate sets of responses.
- Use the extra columns for any elective courses that you would like to rate.

This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.

CH485	CH459	CH365	Elective 1:	Elective 2:
4	4	4		
4	4	4		
7	4	4		
4	4	4		
4	4	4		
4	4	4		
4	4	4		

This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.

This course has improved my ability to communicate effectively with a range of audiences.

This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.

This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.

This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.

This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Branch: ArmorClass Year: 2019 (FIRSTIE)Term: AY19-1

23

Instructions:	CH485	CH459	CH365	Elective 1:	Elective 2:
<ul style="list-style-type: none"> For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement. Complete one column for each course listed (CH459, CH485, and CH481) - 3 separate sets of responses. Use the extra columns for any elective courses that you would like to rate. 					
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	4	5	4		
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	4	4	4		
This course has improved my ability to communicate effectively with a range of audiences.	4	5	5		
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	4	5	4		
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	4	5	4		
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	4	5	4		
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	4	4	4		

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Branch: INFANTRYClass Year: 2019 (FIRSTIE)Term: AY19-1

24

Instructions:	CH485	CH459	CH365	Elective 1: _____	Elective 2: _____
<ul style="list-style-type: none"> For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement. Complete one column for each course listed (CH459, CH485, and CH481) - 3 separate sets of responses. Use the extra columns for any elective courses that you would like to rate. 					
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	4	5	4		
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	4	5	5		
This course has improved my ability to communicate effectively with a range of audiences.	4	5	5		
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	4	5	4		
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	4	5	4		
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	5	5	5		
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	5	5	5		

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Branch: EngineersClass Year: 2019 (FIRSTIE)Term: AY19-1

25

<u>Instructions:</u>	<u>CH485</u>	<u>CH459</u>	<u>CH365</u>	<u>Elective 1: ME350</u>	<u>Elective 2: _____</u>
<ul style="list-style-type: none"> For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement. Complete one column for each course listed (CH459, CH485, and CH481) - 3 separate sets of responses. Use the extra columns for any elective courses that you would like to rate. 					
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	5	5	5	3	
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	5	5	5	3	
This course has improved my ability to communicate effectively with a range of audiences.	4	5	4	3	
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	4	4	4	4	
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	5	3	4	4	
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	5	5	5	4	
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	5	5	5	4	

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Branch: Air DefenseClass Year: 2019 (FIRSTIE)Term: AY19-1

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<u>Instructions:</u>	<u>CH459</u>	<u>CH459</u>	<u>CH365</u>	<u>Elective 1:</u>	<u>Elective 2:</u>
<ul style="list-style-type: none"> For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement. Complete one column for each course listed (CH459, CH485, and CH481) - 3 separate sets of responses. Use the extra columns for any elective courses that you would like to rate. 					
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	4	5	4		
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	4	5	4		
This course has improved my ability to communicate effectively with a range of audiences.	4	5	5		
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	4	4	4		
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	3	5	3		
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	4	4	4		
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	4	4	4		

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

<u>Instructions:</u>	<u>CH485</u>	<u>CH459</u>	<u>CH365</u>	<u>Elective 1: CH365</u>	<u>Elective 2: CH365</u>
<ul style="list-style-type: none"> For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement. Complete one column for each course listed (CH459, CH485, and CH481) - 3 separate sets of responses. Use the extra columns for any elective courses that you would like to rate. 					
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	5	5	5	5	
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	5	5	5	5	
This course has improved my ability to communicate effectively with a range of audiences.	5	5	5	5	
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	5	5	5	5	
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	5	5	5	5	
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	5	5	5	5	
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	5	5	5	5	

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Graduation Class Year: 2020 (COW)Current Term: AY19-2**Instructions:**

- For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement.
- Complete the survey for each column (CH364, CH367, MC312, and MC300), unless you have not taken the course yet.
- Use the extra column for any additional course, such as an elective, that you would like to rate.

	CH364	CH367	MC312	MC300
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	5	5	4	1
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	4	3	2	3
This course has improved my ability to communicate effectively with a range of audiences.	3	3	1	1
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	3	3	1	3
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	4	4	2	2
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	5	5	4	1
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	5	4	4	1

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Please See Back



We really need to work on our AIAO program through the Chem E. Department. I have already provided this feedback; however, I attended an AIAO at ARL where my mentors' barely spoke coherent English. It was near impossible to simultaneously translate what they were saying and learn electrochemistry. This experience sadly greatly dampened any interest or passion I had for future research opportunities in the department.

I can't stress enough how much I appreciate and value the teachers and mentors in the Chem. E. Department. Nevertheless, after hearing the AIAO experiences/Trip Sections in other departments, I fear we spend far too much time "hoop jumping" or completely problem set after problem set and not nearly enough time on exposing cadets to real world application outside of the classroom. I would be more than happy to expand on this observation and provide more feedback.

—CDT Matthew DiBiase

Instructions:

- For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement.
- Complete the survey for each column (CH364, CH367, MC312, and MC300), unless you have not taken the course yet.
- Use the extra column for any additional course, such as an elective, that you would like to rate.

	CH364	CH367	MC312	MC300
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	5	5	4	3
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	4	3	3	4
This course has improved my ability to communicate effectively with a range of audiences.	4	4	4	4
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	4	3	3	3
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	4	3	3	4
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	5	5	4	3
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	5	5	5	5

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Instructions:

- For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement.
- Complete the survey for each column (CH364, CH367, MC312, and MC300), unless you have not taken the course yet.
- Use the extra column for any additional course, such as an elective, that you would like to rate.

	CH364	CH367	MC312	MC300	
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	3	4	2	3	
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	4	5	3	4	
This course has improved my ability to communicate effectively with a range of audiences.	2	3	3	3	
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	4	6	4	4	
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	4	4	4	4	
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	4	3	4	4	
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	3	4	2	4	

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Instructions:

- For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement.
- Complete the survey for each column (CH364, CH367, MC312, and MC300), unless you have not taken the course yet.
- Use the extra column for any additional course, such as an elective, that you would like to rate.

	<u>CH364</u>	<u>CH367</u>	<u>MC312</u>	<u>MC300</u>	
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	4	5	4	3	
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	4	5	3	3	
This course has improved my ability to communicate effectively with a range of audiences.	3	4	3	3	
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	4	4	4	4	
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	2	5	3	3	
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	4	4	4	3	
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	3	4	3	3	

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Taking CH364, CH367, and MC312 in the same semester was incredibly overwhelming in terms of workload. Also, I don't understand why MC312 is our signature writing class, why isn't that something in our department. MC312 was a significant amount of work ~~had~~ compared to the coursework in our Chem. Engineering classes.

Instructions:

- For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement.
- Complete the survey for each column (CH364, CH367, MC312, and MC300), unless you have not taken the course yet.
- Use the extra column for any additional course, such as an elective, that you would like to rate.

	CH364	CH367	MC312	MC300	
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	5	5	5	5	
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	4	5	2	4	
This course has improved my ability to communicate effectively with a range of audiences.	4	4	3	4	
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	3	3	3	3	
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	5	5	5	5	
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	4	4	5	5	
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	5	5	5	5	

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Graduation Class Year: 2020 (COW)Current Term: AY19-2**Instructions:**

- For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement.
- Complete the survey for each column (CH364, CH367, MC312, and MC300), unless you have not taken the course yet.
- Use the extra column for any additional course, such as an elective, that you would like to rate.

	CH364	CH367	MC312	MC300
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	5	5	5	4
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	4	4	4	3
This course has improved my ability to communicate effectively with a range of audiences.	5	5	5	3
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	3	3	4	4
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	5	5	5	4
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	5	5	4	4
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	5	5	5	4

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

<u>Instructions:</u>	<u>CH364</u>	<u>CH367</u>	<u>MC312</u>	<u>MC300</u>
<ul style="list-style-type: none"> For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement. Complete the survey for each column (CH364, CH367, MC312, and MC300), unless you have not taken the course yet. Use the extra column for any additional course, such as an elective, that you would like to rate. 				
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	3	4	3	4
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	4	5	3	5
This course has improved my ability to communicate effectively with a range of audiences.	3	3	3	4
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	4	4	3	4
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	4	3	5	5
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	4	4	4	4
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	3	4	4	4

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Instructions:

- For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement.
- Complete the survey for each column (CH364, CH367, MC312, and MC300), unless you have not taken the course yet.
- Use the extra column for any additional course, such as an elective, that you would like to rate.

	CH364	CH367	MC312	MC300	
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	4	5	3	2	N/A
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	5	3	3	5	
This course has improved my ability to communicate effectively with a range of audiences.	3	3	4	2	
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	4	3	3	5	
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	1	1	2	2	
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	5	2	5	3	
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	4	5	2	3	

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Remove MC312 from courses as it is essentially MC311 with 2-3 additional chapters, & 4-5 irrelevant labs. Or push on the mech department to restructure class + remove lab focus.

Instructions:

- For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement.
- Complete the survey for each column (CH364, CH367, MC312, and MC300), unless you have not taken the course yet.
- Use the extra column for any additional course, such as an elective, that you would like to rate.

	CH364	CH367	MC312	MC300
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	5	5	3	2
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	4	4	2	2
This course has improved my ability to communicate effectively with a range of audiences.	5	4	5	3
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	3	4	2	4
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	5	4	4	4
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	5	4	5	2
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	5	5	3	3

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

- MC300 should not be a mandatory course seeing as it has little to no application to Chemical Engineering & the course itself does not teach any necessary engineering strategies that we do not learn in another course.
- MC311/312 should be courses internal to the Chem E department the same way they did for Controls (CH367)

Instructions:

- For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement.
- Complete the survey for each column (CH364, CH367, MC312, and MC300), unless you have not taken the course yet.
- Use the extra column for any additional course, such as an elective, that you would like to rate.

	CH364	CH367	MC312	MC300	
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	5	5	2	1	
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	4	4	1	1	
This course has improved my ability to communicate effectively with a range of audiences.	4	4	2	1	
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	5	4	1	2	
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	3	3	2	1	
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	4	4	3	1	
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	3	3	2	2	

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Get us out of MC312. MC300 is just an applied version of Physics I, there is no need for us to take this if we already take Physics I. I recommend we make our own Thermo / Fluid classes.

This will open up opportunities for us to take more upper level engineering electives (maybe new ones)
 *More more ChemE electives (Energy, Materials, etc.)

Instructions:

- For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement.
- Complete the survey for each column (CH364, CH367, MC312, and MC300), unless you have not taken the course yet.
- Use the extra column for any additional course, such as an elective, that you would like to rate.

	CH364	CH367	MC312	MC300
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	4	5	1	1
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	3	4	1	1
This course has improved my ability to communicate effectively with a range of audiences.	4	3	1	1
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	3	3	1	4
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	5	5	4	1
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	5	3	3	1
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	5	5	1	1

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

MC312 should be dropped!! As well as MC300, they have no application to us, and that department is horrible. Lots of arrogant, egotistical, narcissistic instructors who don't actually care about our learning. Make our own thermo-fluid dynamics class!

Graduation Class Year: 2020 (COW)Current Term: AY19-2

12

Instructions:

- For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement.
- Complete the survey for each column (CH364, CH367, MC312, and MC300), unless you have not taken the course yet.
- Use the extra column for any additional course, such as an elective, that you would like to rate.

	CH364	CH367	MC312	MC300	
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	4	5	2	1	
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	5	4	2	2	
This course has improved my ability to communicate effectively with a range of audiences.	5	4	2	2	
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	4	5	1	2	
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	5	5	3	3	
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	5	5	2	2	
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	5	5	2	1	

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Graduation Class Year: 2020 (COW)Current Term: AY19-2**Instructions:**

- For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement.
- Complete the survey for each column (CH364, CH367, MC312, and MC300), unless you have not taken the course yet.
- Use the extra column for any additional course, such as an elective, that you would like to rate.

	CH364	CH367	MC312	MC300	
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	4	4	4	4	
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	3	3	3	4	
This course has improved my ability to communicate effectively with a range of audiences.	4	4	4	3	
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	4	4	4	4	
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	4	4	4	4	
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	3	3	4	3	
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	5	5	4	3	

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Instructions:	CH364	CH367	MC312	MC300
<ul style="list-style-type: none"> For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement. Complete the survey for each column (CH364, CH367, MC312, and MC300), unless you have not taken the course yet. Use the extra column for any additional course, such as an elective, that you would like to rate. 				
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	5	5	5	5
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	5	5	4	5
This course has improved my ability to communicate effectively with a range of audiences.	5	5	5	5
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	5	5	5	5
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	5	5	5	4
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	4	4	3	3
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	4	4	2	3

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Instructions:

- For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement.
- Complete the survey for each column (CH364, CH367, MC312, and MC300), unless you have not taken the course yet.
- Use the extra column for any additional course, such as an elective, that you would like to rate.

	CH364	CH367	MC312	MC300
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	4	5	3	3
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	4	5	3	3
This course has improved my ability to communicate effectively with a range of audiences.	3	3	2	2
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	3	3	2	3
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	4	5	2	2
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	4	4	3	3
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	4	4	3	3

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Instructions:

- For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement.
- Complete the survey for each column (CH364, CH367, MC312, and MC300), unless you have not taken the course yet.
- Use the extra column for any additional course, such as an elective, that you would like to rate.

	CH364	CH367	MC312	MC300	
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	5	5	5	4	
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	5	5	5	5	
This course has improved my ability to communicate effectively with a range of audiences.	3	3	3	3	
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	2	2	2	2	
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	5	5	5	5	
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	5	5	5	5	
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	5	5	5	5	

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

One of my electives, ME472, was a great addition to my education considering applicability to Chemical Engineering. It helped make engineering concepts relevant to the real world & geopolitical issues. I think this elective should be encouraged more among the Chem. E. department.

Instructions:

- For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement.
- Complete the survey for each column (CH364, CH367, MC312, and MC300), unless you have not taken the course yet.
- Use the extra column for any additional course, such as an elective, that you would like to rate.

	CH364	CH367	MC312	MC300	
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	5	5	4	3	
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	5	5	4	3	
This course has improved my ability to communicate effectively with a range of audiences.	4	5	5	2	
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	5	5	4	4	
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	5	5	3	1	
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	5	5	5	3	
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	5	5	5	4	

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

MC300 was the most boring/uninteresting class a ChemE can take. Only embraced it due to its relevance to the FEE. Controls and Reactions were awesome, while MC312 was just an extended MC311

Graduation Class Year: 2020 (COW)Current Term: AY19-2**Instructions:**

- For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement.
- Complete the survey for each column (CH364, CH367, MC312, and MC300), unless you have not taken the course yet.
- Use the extra column for any additional course, such as an elective, that you would like to rate.

	CH364	CH367	MC312	MC300
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	5	4	1	3
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	5	4	1	4
This course has improved my ability to communicate effectively with a range of audiences.	4	5	2	4
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	3	3	3	3
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	3	3	1	4
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	5	5	2	1
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	5	5	1	3

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Graduation Class Year: 2020 (COW)Current Term: AY19-2**Instructions:**

- For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement.
- Complete the survey for each column (CH364, CH367, MC312, and MC300), unless you have not taken the course yet.
- Use the extra column for any additional course, such as an elective, that you would like to rate.

	CH364	CH367	MC312	MC300
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	4	4	3	
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	4	3	2	
This course has improved my ability to communicate effectively with a range of audiences.	3	2	3	
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	3	3	2	
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	4	4	4	
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	4	4	4	
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	4	3	2	

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Graduation Class Year: 2020 (COW)Current Term: AY19-2

20

Instructions:

- For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement.
- Complete the survey for each column (CH364, CH367, MC312, and MC300), unless you have not taken the course yet.
- Use the extra column for any additional course, such as an elective, that you would like to rate.

	CH364	CH367	MC312	MC300	
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	5	5	2	1	
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	5	5	1		
This course has improved my ability to communicate effectively with a range of audiences.	5	5	1		
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	3	3	3		
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	5	5	5		
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	4	5	5		
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	5	5	1		

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Instructions:

- For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement.
- Complete the survey for each column (CH364, CH367, MC312, and MC300), unless you have not taken the course yet.
- Use the extra column for any additional course, such as an elective, that you would like to rate.

	CH364	CH367	MC312	MC300	
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	5	5	5	N/A	
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	5	3	4	N/A	
This course has improved my ability to communicate effectively with a range of audiences.	3	3	4	N/A	
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	5	4	3	N/A	
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	5 4	2	4	N/A	
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	4	4	4	N/A	
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	5 4	4	5	N/A	

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Graduation Class Year: 2020 (COW)Current Term: AY19-2

22

<u>Instructions:</u>	<u>CH364</u>	<u>CH367</u>	<u>MC312</u>	<u>MC300</u>
<ul style="list-style-type: none"> For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement. Complete the survey for each column (CH364, CH367, MC312, and MC300), unless you have not taken the course yet. Use the extra column for any additional course, such as an elective, that you would like to rate. 				
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	5	4	4	
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	3	5	3	
This course has improved my ability to communicate effectively with a range of audiences.	5	3	4	
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	5	5	3	
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	4	4	5	
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	4	4	5	
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	5	4	3	

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Instructions:

- For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement.
- Complete the survey for each column (CH364, CH367, MC312, and MC300), unless you have not taken the course yet.
- Use the extra column for any additional course, such as an elective, that you would like to rate.

	CH364	CH367	MC312	MC300
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	5	5	3	w
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	4	1	1	w
This course has improved my ability to communicate effectively with a range of audiences.	4	1	4	w
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	4	1	1	w
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	5	4	5	w
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	1	2	1	w
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	3	3	3	w

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

MC312 is a lab report-writing course, run by the Mech department. En.

CH367 was another math class

CH364 was a lot of equations, and ethics and real engineering seemed to not be a part of the course. Chemical and MMA work consists the course.

Instructions:

- For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement.
- Complete the survey for each column (CH364, CH367, MC312, and MC300), unless you have not taken the course yet.
- Use the extra column for any additional course, such as an elective, that you would like to rate.

	CH364	CH367	MC312	MC300
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	5	5	4	
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	5	5	4	
This course has improved my ability to communicate effectively with a range of audiences.	5	5	5	
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	5	5	4	
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	5	5	5	
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	5	5	5	
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	5	5		

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- Complete the survey for each column (CH364, CH367, MC312, and MC300), unless you have not taken the course yet.
- Use the extra column for any additional course, such as an elective, that you would like to rate.

	CH364	CH367	MC312	MC300
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	5	4	1	0
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	5	3	1	0
This course has improved my ability to communicate effectively with a range of audiences.	5	5	1	0
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	5	3	2	0
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	5	5	1	0
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	5	4	2	0
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	4	4	1	0

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

MC300 is a fun class, however a complete waste of time

Instructions:	CH364	CH367	MC312	MC300
<ul style="list-style-type: none"> For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement. Complete the survey for each column (CH364, CH367, MC312, and MC300), unless you have not taken the course yet. Use the extra column for any additional course, such as an elective, that you would like to rate. 				
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	5	5	4	
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	4	4	4	
This course has improved my ability to communicate effectively with a range of audiences.	4	4	5	
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	4	4	4	
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	5	5	5	
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	4	3	4	
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	5	5	5	

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Instructions:

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- Complete the survey for each column (CH364, CH367, MC312, and MC300), unless you have not taken the course yet.
- Use the extra column for any additional course, such as an elective, that you would like to rate.

	CH364	CH367	MC312	MC300	
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	5	5	1	N/A	
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	3	3	1	N/A	
This course has improved my ability to communicate effectively with a range of audiences.	4	4	2	N/A	
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	3	3	1	N/A	
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	4	4	1	N/A	
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	3	3	2	N/A	
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	5	5	1	N/A	

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Instructions:

- For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement.
- Complete the survey for each column (CH364, CH367, MC312, and MC300), unless you have not taken the course yet.
- Use the extra column for any additional course, such as an elective, that you would like to rate.

	CH364	CH367	MC312	MC300
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	5	5	3	
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	5	5	3	
This course has improved my ability to communicate effectively with a range of audiences.	4	5	4	
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	4	5	3	
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	4	5	3	
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	5	5	3	
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	5	5	3	

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Graduation Class Year: 2020 (COW)Current Term: AY19-2**Instructions:**

- For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement.
- Complete the survey for each column (CH364, CH367, MC312, and MC300), unless you have not taken the course yet.
- Use the extra column for any additional course, such as an elective, that you would like to rate.

	CH364	CH367	MC312	MC300
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	4	X	X	X
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	3	X	X	X
This course has improved my ability to communicate effectively with a range of audiences.	1	X	X	X
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	1	X	X	X
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	1	X	X	X
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	4	X	X	X
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	5	X	X	X

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Branch: Air DefenseClass Year: 2019 (FIRSTIE)Term: AY19-2**Instructions:**

- For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement.
- Complete one column for each course listed (CH402 and CH400) - 2 separate sets of responses.
- Use the extra columns for any other courses that you would like to rate.

	<u>CH402</u>	<u>CH400</u>	<u>Other: /1E472</u>	<u>Other: /</u>	<u>Other: /</u>
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	5	4	5		
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	5	4	5		
This course has improved my ability to communicate effectively with a range of audiences.	5	5	5		
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	5	5	5		
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	5	11	5		
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	5	3	4		
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	5	5	5		

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Branch: ENClass Year: 2019 (FIRSTIE)Term: AY19-2

2.

Instructions:

- For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement.
- Complete one column for each course listed (CH402 and CH400) - 2 separate sets of responses.
- Use the extra columns for any other courses that you would like to rate.

	CH402	CH400	Other:	Other:	Other:
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	5	5			
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	5	4			
This course has improved my ability to communicate effectively with a range of audiences.	5	4			
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	5	5			
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	5	4			
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	5	4			
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	5	5			

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Branch: M.IClass Year: 2019 (FIRSTIE)Term: AY19-2

3.

Instructions:	CH402	CH400	Other: ____	Other: ____	Other: ____
<ul style="list-style-type: none"> For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement. Complete one column for each course listed (CH402 and CH400) - 2 separate sets of responses. Use the extra columns for any other courses that you would like to rate. 					
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	5	5			
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	5	5			
This course has improved my ability to communicate effectively with a range of audiences.	5	5			
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	5	4			
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	5	5			
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	4	5			
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	5	5			

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Instructions:

- For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement.
- Complete one column for each course listed (CH402 and CH400) - 2 separate sets of responses.
- Use the extra columns for any other courses that you would like to rate.

This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.

CH402	CH400	Other:	Other:	Other:
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5	3			
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This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.

5	3			
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This course has improved my ability to communicate effectively with a range of audiences.

5	3			
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This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.

5	3			
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This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.

5	5			
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This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.

5	5			
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This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.

5	5			
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Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Instructions:

- For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement.
- Complete one column for each course listed (CH402 and CH400) - 2 separate sets of responses.
- Use the extra columns for any other courses that you would like to rate.

	CH402	CH400	Other:	Other:	Other:
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	5	5			
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	5	5			
This course has improved my ability to communicate effectively with a range of audiences.	3	3			
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	5	5			
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	5	3			
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	5	3			
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	5	5			

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Branch: EngineersClass Year: 2019 (FIRSTIE)Term: AY19-2

6.

Instructions:

- For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement.
- Complete one column for each course listed (CH402 and CH400) - 2 separate sets of responses.
- Use the extra columns for any other courses that you would like to rate.

	<u>CH402</u>	<u>CH400</u>	<u>Other: EM411</u>	<u>Other: NE450</u>	<u>Other:</u> _____
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	5	5	1	5	
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	5	5	1	5	
This course has improved my ability to communicate effectively with a range of audiences.	5	1	1	5	
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	5	5	1	5	
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	5	1	1	5	
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	5	1	1	5	
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	5	3	1	5	

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

EM411 is the worst. go ChemE, beat systems

Branch: InfantryClass Year: 2019 (FIRSTIE)Term: AY19-2

7.

Instructions:

- For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement.
- Complete one column for each course listed (CH402 and CH400) - 2 separate sets of responses.
- Use the extra columns for any other courses that you would like to rate.

	CH402	CH400	Other:	Other:	Other:
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	5	4			
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	5	3			
This course has improved my ability to communicate effectively with a range of audiences.	4	n/a			
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	4	4			
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	5	3			
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	5	4			
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	5	5			

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Branch: INFANTRYClass Year: 2019 (FIRSTIE)Term: AY19-2

8.

Instructions:

- For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement.
- Complete one column for each course listed (CH402 and CH400) - 2 separate sets of responses.
- Use the extra columns for any other courses that you would like to rate.

This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.

CH402	CH400	Other:	Other:	Other:
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5	3			
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This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.

5	3			
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This course has improved my ability to communicate effectively with a range of audiences.

4	3			
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This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.

5	3			
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This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.

5	3			
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This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.

4	3			
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This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.

5	3			
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Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Branch: EngineersClass Year: 2019 (FIRSTIE)Term: AY19-2

9.

Instructions:

- For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement.
- Complete one column for each course listed (CH402 and CH400) - 2 separate sets of responses.
- Use the extra columns for any other courses that you would like to rate.

	CH402	CH400	Other: _____	Other: _____	Other: _____
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	5	4			
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	5	2			
This course has improved my ability to communicate effectively with a range of audiences.	5	1			
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	5	5			
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	5	1			
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	5	2			
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	5	4			

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Branch: EngineersClass Year: 2019 (FIRSTIE)Term: AY19-2

10-

Instructions:

- For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement.
- Complete one column for each course listed (CH402 and CH400) - 2 separate sets of responses.
- Use the extra columns for any other courses that you would like to rate.

This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.

This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.

This course has improved my ability to communicate effectively with a range of audiences.

This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.

This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.

This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.

This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.

CH402	CH400	Other: <u>/E450</u>	Other: <u> </u>	Other: <u> </u>
5	2	4		
5	2	3		
4	2	4		
4	4	4		
4	4	4		
3	0	2		
5	3	4		

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Branch: InfantryClass Year: 2019 (FIRSTIE)Term: AY19-2

11.

Instructions:

- For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement.
- Complete one column for each course listed (CH402 and CH400) - 2 separate sets of responses.
- Use the extra columns for any other courses that you would like to rate.

	<u>CH402</u>	<u>CH400</u>	<u>Other: MC380</u>	<u>Other:</u> _____	<u>Other:</u> _____
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	5	4	4		
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	5	3	3		
This course has improved my ability to communicate effectively with a range of audiences.	4	3	3		
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	4	4	3		
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	4	3	4		
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	4	3	4		
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	4	4	4		

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Branch: CHSClass Year: 2019 (FIRSTIE)Term: AY19-212**Instructions:**

- For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement.
- Complete one column for each course listed (CH402 and CH400) - 2 separate sets of responses.
- Use the extra columns for any other courses that you would like to rate.

This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.

This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.

This course has improved my ability to communicate effectively with a range of audiences.

This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.

This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.

This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.

This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.

CH402	CH400	Other:	Other:	Other:
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4	4			
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4	4			
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4	4			
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4	4			
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4	4			
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4	4			
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4	4			
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4	4			
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Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Branch: TBDClass Year: 2019 (FIRSTIE)
2020Term: AY19-2

13.

Instructions:

- For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement.
- Complete one column for each course listed (CH402 and CH400) - 2 separate sets of responses.
- Use the extra columns for any other courses that you would like to rate.

	CH402	CH400	Other:	Other:	Other:
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	5	4			
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	5	4			
This course has improved my ability to communicate effectively with a range of audiences.	4	4			
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	5	5			
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	5	4			
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	5	4			
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	4	5			

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Branch: AVIATIONClass Year: 2019 (FIRSTIE)Term: AY19-2

14.

Instructions:

- For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement.
- Complete one column for each course listed (CH402 and CH400) - 2 separate sets of responses.
- Use the extra columns for any other courses that you would like to rate.

	CH402	CH400	Other:	Other:	Other:
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	5	4			
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	5	5			
This course has improved my ability to communicate effectively with a range of audiences.	5	5			
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	5	5			
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	5	5			
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	5	4			
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	5	5			

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Branch: InfantryClass Year: 2019 (FIRSTIE)Term: AY19-2

15.

Instructions:

- For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement.
- Complete one column for each course listed (CH402 and CH400) - 2 separate sets of responses.
- Use the extra columns for any other courses that you would like to rate.

This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.

This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.

This course has improved my ability to communicate effectively with a range of audiences.

This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.

This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.

This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.

This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.

<u>CH402</u>	<u>CH400</u>	<u>Other:</u>	<u>Other:</u>	<u>Other:</u>
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5 4

5 5

5 3

5 4

5 5

5 4

5 5

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Branch: AVClass Year: 2019 (FIRSTIE)Term: AY19-2Pl.**Instructions:**

- For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement.
- Complete one column for each course listed (CH402 and CH400) - 2 separate sets of responses.
- Use the extra columns for any other courses that you would like to rate.

	<u>CH402</u>	<u>CH400</u>	<u>Other: LF350</u>	<u>Other:</u>	<u>Other:</u>
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	5	5	2		
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	5	5	2		
This course has improved my ability to communicate effectively with a range of audiences.	5	4	2		
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	5	5	2		
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	5	3	1		
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	5	5	1		
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	5	5	2		

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Branch: AviationClass Year: 2019 (FIRSTIE)Term: AY19-2

17

Instructions:

- For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement.
- Complete one column for each course listed (CH402 and CH400) - 2 separate sets of responses.
- Use the extra columns for any other courses that you would like to rate.

	CH402	CH400	Other: NE450	Other: MU300	Other: _____
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	5	5	4	3	
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	5	3	4	3	
This course has improved my ability to communicate effectively with a range of audiences.	4	3	4	3	
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	4	4	4	3	
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	5	3	3	3	
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	5	3	3	3	
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	5	4	4	3	

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Branch: ARClass Year: 2019 (FIRSTIE)Term: AY19-2

18

Instructions:

- For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement.
- Complete one column for each course listed (CH402 and CH400) - 2 separate sets of responses.
- Use the extra columns for any other courses that you would like to rate.

	<u>CH402</u>	<u>CH400</u>	Other:	Other:	Other:
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	4	4			
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	5	4			
This course has improved my ability to communicate effectively with a range of audiences.	4	3			
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	4	4			
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	4	3			
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	4	3			
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	4	4			

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

CH402 should not have a TEE due to the large capstone in the course.

Instructions:

- For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement.
- Complete one column for each course listed (CH402 and CH400) - 2 separate sets of responses.
- Use the extra columns for any other courses that you would like to rate.

	CH402	CH400	Other:	Other:	Other:
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	5	5			
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	5	5			
This course has improved my ability to communicate effectively with a range of audiences.	5	4			
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	5	5			
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	5	4			
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	5	5			
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	5	5			

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Branch: SignalClass Year: 2019 (FIRSTIE)Term: AY19-2

20

Instructions:

- For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement.
- Complete one column for each course listed (CH402 and CH400) - 2 separate sets of responses.
- Use the extra columns for any other courses that you would like to rate.

This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.

CH402	CH400	Other:	Other:	Other:
--------------	--------------	--------	--------	--------

5 5

This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.

5	4			
---	---	--	--	--

This course has improved my ability to communicate effectively with a range of audiences.

5	3			
---	---	--	--	--

This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.

5	4			
---	---	--	--	--

This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.

4	3			
---	---	--	--	--

This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.

4	3			
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This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.

5	5			
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Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Instructions:

- For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement.
- Complete one column for each course listed (CH402 and CH400) - 2 separate sets of responses.
- Use the extra columns for any other courses that you would like to rate.

	CH402	CH400	Other:	Other:	Other:
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	4	4			
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	5	2			
This course has improved my ability to communicate effectively with a range of audiences.	4	3			
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	4	4			
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	4	3			
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	4	3			
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	4	4			

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Instructions:

- For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement with the statement, a score of 3 is neutral, and a score of 5 indicates strong agreement.
- Complete the columns for CH362 **and** MA364/5.
- Use the extra columns for any additional elective or core courses that you would like to rate.

	CH362	MA364/5	<i>PH206</i>	
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	5	1	1	
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	5	1	1	
This course has improved my ability to communicate effectively with a range of audiences.	5	1	1	
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	5	1	1	
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	5	1	2	
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	5	1	1	
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.*	5	1	1	

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

CH362 was an amazing introduction to Chem E

A CHEM E math class should be created; MA364 is basically for Mech E's & EE's

Graduation Class Year: 2021 (YEARLING)Current Term: AY19-2**Instructions:**

- For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement with the statement, a score of 3 is neutral, and a score of 5 indicates strong agreement.
- Complete the columns for CH362 **and** MA364/5.
- Use the extra columns for any additional elective or core courses that you would like to rate.

	CH362	MA364/5			
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	4	2			
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	3	1			
This course has improved my ability to communicate effectively with a range of audiences.	3	1			
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	3	2			
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	4	4			
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	4	2			
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	4	3			

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

MA364 relates very little to CH362 coursework

Graduation Class Year: 2021 (YEARLING)Current Term: AY19-2**Instructions:**

- For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement with the statement, a score of 3 is neutral, and a score of 5 indicates strong agreement.
- Complete the columns for CH362 **and** MA364/5.
- Use the extra columns for any additional elective or core courses that you would like to rate.

	CH362	MA364/5			
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	5	4			
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	5	3			
This course has improved my ability to communicate effectively with a range of audiences.	4	4			
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	5	2			
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	5	4			
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	5	5			
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	5	4			

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- Use the extra columns for any additional elective or core courses that you would like to rate.

	CH362	MA364/5			
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	4	3			
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	4	3			
This course has improved my ability to communicate effectively with a range of audiences.	4	3			
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	4	3			
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	4	2			
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	4	2			
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	4	3			

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	CH362	MA364/5			
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	5	5			
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	4	3			
This course has improved my ability to communicate effectively with a range of audiences.	3	3			
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	4	3			
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	4	4			
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	4	3			
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	4	4			

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Not a lot of classes to do experiments in MA364, nor the ability to present. In addition, MA364 doesn't cover any of the 2nd criteria.

Graduation Class Year: 2021 (YEARLING)Current Term: AY19-2

(C)

Instructions:

- For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement with the statement, a score of 3 is neutral, and a score of 5 indicates strong agreement.
- Complete the columns for CH362 **and** MA364/5.
- Use the extra columns for any additional elective or core courses that you would like to rate.

	CH362	MA364/5				
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	5	5				
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	5	4				
This course has improved my ability to communicate effectively with a range of audiences.	5	5				
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	5	3				
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	3	3				
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	5	3				
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	5	5				

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Graduation Class Year: 2021 (YEARLING)Current Term: AY19-2

(7)

Instructions:

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- Complete the columns for CH362 **and** MA364/5.
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	CH362	MA364/5			
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	4	3			
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	4	3			
This course has improved my ability to communicate effectively with a range of audiences.	4	4			
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	4	3			
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	4	3			
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	4	3			
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	4	3			

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Graduation Class Year: 2021 (YEARLING)Current Term: AY19-2

9

Instructions:

- For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement with the statement, a score of 3 is neutral, and a score of 5 indicates strong agreement.
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This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	4	3			
This course has improved my ability to communicate effectively with a range of audiences.	4	4			
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	4	3			
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	4	4			
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	5	3			
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	5	4			

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This course has improved my ability to communicate effectively with a range of audiences.	5	2			
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This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	5	1			
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	4	1			

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The engineering math program did not pertain or help with the chemical engineering program.

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This course has improved my ability to communicate effectively with a range of audiences.	5	5			
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This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	5	5			
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies,	4	5			

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This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	4				
This course has improved my ability to communicate effectively with a range of audiences.	4				
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This course has improved my ability to communicate effectively with a range of audiences.	2	1			
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This course has improved my ability to communicate effectively with a range of audiences.	4	4			
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This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	4	2			
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	5	5			
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	5	4			
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	5	5			

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

My biggest critique is the lack of training we received on matlab before the tech lab in MA365.

Graduation Class Year: 2021 (YEARLING)Current Term: AY19-2**Instructions:**

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This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	4	2			
This course has improved my ability to communicate effectively with a range of audiences.	4	2			
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	5	2			
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	3	4			
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	5	3			
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This course has improved my ability to communicate effectively with a range of audiences.	4	2			
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- Complete the columns for CH362 **and** MA364/5.
- Use the extra columns for any additional elective or core courses that you would like to rate.

	CH362	MA364/5		
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics. <i>I really liked using the book because I struggle with learning from books.</i>	5			
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors. <i>I see how concepts are applied.</i>	3			
This course has improved my ability to communicate effectively with a range of audiences.	3			
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	4			
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	5			
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	4			
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies. <i>The course was challenging, but enjoyable.</i>	5			

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Graduation Class Year: 2021 (YEARLING)Current Term: AY19-2

12

Instructions:

- For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement with the statement, a score of 3 is neutral, and a score of 5 indicates strong agreement.
- Complete the columns for CH362 **and** MA364/5.
- Use the extra columns for any additional elective or core courses that you would like to rate.

This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.

This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.

This course has improved my ability to communicate effectively with a range of audiences.

This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.

This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.

This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.

This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

	CH362	MA364/5			
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	5				
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	4				
This course has improved my ability to communicate effectively with a range of audiences.	5				
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	5				
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	3				
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	4				
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	5				

Graduation Class Year: 2021 (YEARLING)Current Term: AY19-2

23

Instructions:

- For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement with the statement, a score of 3 is neutral, and a score of 5 indicates strong agreement.
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CH362	MA364/5		
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5

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4

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This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.

4

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Graduation Class Year: 2021 (YEARLING)Current Term: AY19-2

24

Instructions:

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This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.

CH362

MA364/5

2

This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.

3

This course has improved my ability to communicate effectively with a range of audiences.

2

This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.

3

This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.

1

This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.

3

This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.

2

Use the space below and on the back of this sheet to comment on any other aspect(s) of the chemical engineering program:

Graduation Class Year: 2021 (YEARLING)Current Term: AY19-2**Instructions:**

- For each statement below, respond with a 1, 2, 3, 4, or 5. A score of 1 indicates strong disagreement with the statement, a score of 3 is neutral, and a score of 5 indicates strong agreement.
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	CH362	MA364/5			
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	4	4			
This course has improved my ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	5	3			
This course has improved my ability to communicate effectively with a range of audiences.	4	3			
This course has improved my ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	5	5			
This course has improved my ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	5	5			
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	3	3			
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