

Graduation Class Year: 2021 (COW)Current Term: AY20-1**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	1	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.	4	1	5	3	
This course has improved my ability to communicate effectively with a range of audiences.	3	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.	3	2	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	2	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.	3	2	3	3	
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	4	1	4	3	

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	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	2	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	5	3	
This course has improved my ability to communicate effectively with a range of audiences.	3	1	3	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.	3	1	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.	5	1	5	4	
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EE361 is ~~not~~ not needed
for this major

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EE301 has been ineffectively run ~~in~~ this semester. Constantly shifting due dates, incomplete guidance, and illogical lesson sequencing (Test → lab → quiz over new material?) has made EE301 a drain on cadets' time and energy. The course is not applicable to class E's in its current format.

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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	2	5	4	
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I definitely think that MC311 is a needed class to better understand the equipment chemical engineers use. EE301 seems very obsolete to what Chem-E's do.

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This course has improved my ability to communicate effectively with a range of audiences.	34	3	3	4	
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This course has improved my ability to communicate effectively with a range of audiences.	4	1	4	1	
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- Shouldn't have to take EE30
 - CH383 is taught/organized poorly] basically have had to taught myself to prepare for tests

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Great Program, with lots of opportunities to grow

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I feel the Chemical Engineering program and curriculum is very balanced. I have had beneficial challenges to face consistently, that I feel has made me a more logical problem solver; and closer to being a proficient engineer.

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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	3	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	2	
This course has improved my ability to communicate effectively with a range of audiences.	4	2	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	2	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.	3	2	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	3	3	5	
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	5	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:

Graduation Class Year: 2021 (COW)Current Term: AY20-1**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.

	<u>CH363</u>	<u>EE301</u>	<u>MC311</u>	<u>CH383</u>	
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	4	1	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	1	4	5	
This course has improved my ability to communicate effectively with a range of audiences.	3	1	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	1	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	1	2	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	2	1	5	
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	3	1	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:

HONESTLY, I BELIEVE THAT THE ACADEMY NEEDS TO RECONSIDER THE NECESSITY FOR CHEMICAL ENGINEERING MAJORS TO TAKE EE301. I'M SURE THIS IS NOT THE 1ST TIME THIS IS BEING ADDRESSED, BUT THERE SEEMS TO BE NO CORRELATION BETWEEN IT AND THE OTHER COURSES WE TAKE. ~~OTHER CLASSES~~ CAN BE APPLIED (IE. I CAN USE MC311 CONCEPTS IN DESIGNING DISTILLATION COLUMNS IN CH363). THE EE301 INSTRUCTORS DO NOT SEEM TO BE REMOTELY INTERESTED IN OUR SUCCESS. ~~EE301~~

Graduation Class Year: 2021 (COW)Current Term: AY20-1**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.

	<u>CH363</u>	<u>EE301</u>	<u>MC311</u>	<u>CH383</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	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.	5	3	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	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	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: 2021 (COW)Current Term: AY20-1**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	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.	5	1	3	4	
This course has improved my ability to communicate effectively with a range of audiences.	4	1	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	1	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.	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	1	4	2	
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	5	2	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 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: SE301</u>	<u>Elective 2: EM440</u>
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	3	4	4	1	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.	1	5	3	3	1
This course has improved my ability to communicate effectively with a range of audiences.	1	5	2	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	4	2	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.	1	5	3	1	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	5	3	1	1
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	5	4	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:

I would remove the industrial Engineering Track, very little emphasis on the technical content of ensuring acurateness in answers. Grade was almost entirely subjectively based, or only correlated with how well you dressed up your reports.

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: ME472</u>	<u>Elective 2: EM420</u>
This course has improved my ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	3	5	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.	3	5	3	4	4
This course has improved my ability to communicate effectively with a range of audiences.	4	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.	3	5	3	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	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	3
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	4	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:

- Program is dedicated to excellence. Most professional group of instructors that I have seen at the academy.

Branch: ArmerClass Year: 2020 (FIRSTIE)Term: AY20-1

3.

The Combat Arm of Decision

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: ME493	Elective 2: CH489
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4	5	4	4	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.

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

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

5	5	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.

3	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.

3	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	5	4	4	4
---	---	---	---	---

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

4	5	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:

I have definitely been pushed hard and learned a lot about engineering processes and topics that span multiple fields

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: ME492</u>	<u>Elective 2: EM420</u>
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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.

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:

We do not need both MC311 & CH365. I would recommend dropping CH365 and added specific lessons to the Tee Review Course to take us out of MC311/312.

Branch: _____

Class Year: 2020 (FIRSTIE)Term: AY20-1

5.

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: <u>NE300</u>	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	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	4	
This course has improved my ability to communicate effectively with a range of audiences.	2	5	3	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	5	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.	3	5	2	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.	3	5	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: _____

Class Year: **2020 (FIRSTIE)**Term: **AY20-1**

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 (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.

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:

	CH485	CH459	CH365	Elective 1:<u>EE304</u>	Elective 2:<u>EE420</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	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.	3	4	3	2	3
This course has improved my ability to communicate effectively with a range of audiences.	4	5	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	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.	4	5	3	2	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	4	2	4
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	4	5	4	1	4

Branch: _____

Class Year: **2020 (FIRSTIE)**Term: **AY20-1**

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:	Elective 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.

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: _____

Class Year: **2020 (FIRSTIE)**Term: **AY20-1**

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 (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.	4	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.	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	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	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	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: 2020 (FIRSTIE)Term: AY20-1

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 (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:</u> <u>✓✓</u>	<u>Elective 2:</u> <u>✓✓</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		
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.	3	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	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:

I haven't taken my electives yet

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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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:

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.	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	5	5		
This course has improved my ability to communicate effectively with a range of audiences.	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.	1	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.	1	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.	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:

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.

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:

No comment.

	CH485	CH459	CH365	Elective 1: <u>CH451</u>	Elective 2: <u>CH410</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	5	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.	5	4	4	3	3
This course has improved my ability to communicate effectively with a range of audiences.	4	4	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	3	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.	3	5	3	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	5	3	3	4
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	5	5	5	3	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.

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:

	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.	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	5		

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: M365</u>	<u>Elective 2: _____</u>
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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.	3	4	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.

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

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

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

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	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.

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	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.

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

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

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

CH365 is an awesome class
 CH459 is an interesting course concept, but it is way too much work for the few credit hours we get.
 CH485 was challenging for non-STEM majors; this class' main curriculum was interesting.

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: EE362</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.	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	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	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	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	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:

ANSWER

British

Class Year: 2020 (FIRST)

TECHNIQUE 26

91

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: CH360</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.	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.	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.	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	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:

Branch: _____

Class Year: **2020 (FIRSTIE)**Term: **AY20-1**

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 (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: EV394	Elective 2: EV301
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	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	4
This course has improved my ability to communicate effectively with a range of audiences.	4	3	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.	3	3	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.	3	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.	4	5	3	4	3
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	5	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 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.

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:

	CH485	CH459	CH365	Elective 1: CH481	Elective 2: CH459
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	1	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	5	1	1
This course has improved my ability to communicate effectively with a range of audiences.	5	5	5	1	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	5	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.	3	5	4	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	4	3	1	1
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	4	4	4	1	1

Branch: AmorClass Year: 2020 (FIRSTIE)Term: AY20-1

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.

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:</u>	<u>Elective 2:</u>
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1	2	5		
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This course has improved my ability to communicate effectively with a range of audiences.

1	2	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.

1	2	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	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.

2	3	5		
---	---	---	--	--

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

2	3	5		
---	---	---	--	--

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

It is not the material or course outline that made CH485 such a remarkably unhelpful course, but an unprofessional and ~~weak~~ instructor completely unable to communicate effectively or teach in a linear/logical fashion.

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:</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.	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.	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	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	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:

CH365 - This is the third thermodynamics/thermal fluids class we have taken. I am sure there is a way to more effectively/efficiently way to teach us this information

CH485 - The textbook used for this class is not very helpful at explaining the process needed to design equations

Branch: Air DefenseClass Year: 2020 (FIRSTIE)Term: AY20-1

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 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: E&M 101</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	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.	3	2	4	3	
This course has improved my ability to communicate effectively with a range of audiences.	5	3	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.	2	4	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	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.	4	4	2	5	
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	4	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:

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: ME300</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	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.	4	5	5	3	
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.	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	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.	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:

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	<u>Elective 1: MC300</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	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	5	4	2	
This course has improved my ability to communicate effectively with a range of audiences.	5	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.	4	5	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.	3	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.	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	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: EngineerClass Year: 2020 (FIRSTIE)Term: AY20-1

25.

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:</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.	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	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.	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		
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:

I strongly believe that CH459 should be a 4.5 credit class. I would love to sit down with you to discuss why.

Branch: AviationClass Year: 2020 (FIRSTIE)Term: AY20-1

26

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: EN300</u>	<u>Elective 2: EN420</u>
4	4	4	3	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.

2	4	3	3	3
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This course has improved my ability to communicate effectively with a range of audiences.

3	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	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.

3	5	3	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.

3	5	3	2	2
---	---	---	---	---

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

4	5	4	3	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:

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: EM324	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	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.	4	4	3	5	
This course has improved my ability to communicate effectively with a range of audiences.	3	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	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	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	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 instructors in Chemical Engineers program are exceptional. They are extremely competent, professional, and good at explaining complex topics.

Branch: EngineersClass Year: 2020 (FIRSTIE)Term: AY20-1

28.

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: NCE300</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	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	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	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	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	5	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:

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. Required: Complete columns one to four (CH364, CH367, MC312, and MC300), unless you have not taken the course. Optional: Complete column five 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	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	4	4	4	
This course has improved my ability to communicate effectively with a range of audiences.	4	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	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	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	5	3	
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	4	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:	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. Required: Complete columns one to four (CH364, CH367, MC312, and MC300), unless you have not taken the course. Optional: Complete column five 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	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	2	
This course has improved my ability to communicate effectively with a range of audiences.	5	4	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	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.	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.	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	2	

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. Required: Complete columns one to four (CH364, CH367, MC312, and MC300), unless you have not taken the course. Optional: Complete column five 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	5	5	
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	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	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 specific chemical engineering courses (CH364 and CH367) gave me a much better understanding of chemical engineering concepts while MC300 and MC312 taught me the fundamentals of engineering very well.

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. Required: Complete columns one to four (CH364, CH367, MC312, and MC300), unless you have not taken the course. Optional: Complete column five 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	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.	5	5	3	3	
This course has improved my ability to communicate effectively with a range of audiences.	4	5	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.	5	4	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.	5	4	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.	3	4	2	5	
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	4	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:

With regards to the Mechanical and Civil Engineering courses, I honestly feel like I learned most of what is expected of Chemical Engineers in MC311. MC312 seemed fairly redundant and unnecessary. It is not likely that a chemical engineer will be dealing with drag and lift. MC300 was seemed even more unrelated, though it was far more enjoyable than MC312. I wish we would take more chemistry-centered classes, like Organic chemistry, or that those periods were left open for laboratory research opportunities. My time seemed to be taken up by MC classes that produced diminishing returns on my major.

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. Required: Complete columns one to four (CH364, CH367, MC312, and MC300), unless you have not taken the course. Optional: Complete column five 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	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	4	4	
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.	5	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	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.	3	4	2	4	
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	4	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:	CH364	CH367	MC312	MC300	
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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	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.	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.	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:

The Chemical Engineering program at West Point is a pretty holistic program that integrates multiple perspectives into understanding the Engineering profession and how it integrates into the world at large.

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. Required: Complete columns one to four (CH364, CH367, MC312, and MC300), unless you have not taken the course. Optional: Complete column five 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	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	4	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.	5	5	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.	3	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	4	3	3	
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	4	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:

Each of the four AY20-2 ChemE courses adjusted well to online learning and still provided excellent instruction/resources to not only succeed in the course, but also for a future in the ChemE discipline. Instructors were highly flexible with assignment deadlines, which enabled deeper engagement with each course's content.

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. Required: Complete columns one to four (CH364, CH367, MC312, and MC300), unless you have not taken the course. Optional: Complete column five for any additional course, such as an elective, that you would like to rate. 				
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This course has improved my ability to communicate effectively with a range of audiences.	4	5	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	4	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.	5	5	2	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	4
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	4	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:

I like the real world application of using Chemcad and studying real life examples.

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. Required: Complete columns one to four (CH364, CH367, MC312, and MC300), unless you have not taken the course. Optional: Complete column five for any additional course, such as an elective, that you would like to rate. 					
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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.	2	3	5	4	
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This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	4	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:

I think ChemE students should be given the option of taking EE301 or MC300. ChemE students are always pushing for both those classes to be removed, but I think taking at least one of them is important since it is good for broadening of engineering knowledge. I personally was not a huge fan of MC300, since I didn't see it applying to Chemical Engineering, but I greatly enjoyed EE301 last fall. Some people, however, might be more interested in the structural engineering side of things, as opposed to electrical engineering.

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. Required: Complete columns one to four (CH364, CH367, MC312, and MC300), unless you have not taken the course. Optional: Complete column five for any additional course, such as an elective, that you would like to rate. 				
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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	4	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.	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	4	4	

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This course has improved my ability to communicate effectively with a range of audiences.	3	4	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.	3	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.	3	3	4	4	
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	5	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:

I feel that the Chem E program does a great job in the human resources department, whether it is providing a manner of flexibility in cases where deliverables would be excruciating to having capstone projects spread out through the semester instead of a one shot end of course objective.

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. Required: Complete columns one to four (CH364, CH367, MC312, and MC300), unless you have not taken the course. Optional: Complete column five 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	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.	4	4	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	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.	3	4	4	4	
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:

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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. Required: Complete columns one to four (CH364, CH367, MC312, and MC300), unless you have not taken the course. Optional: Complete column five 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.	2	4	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.	4	4	3	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	3	4
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	2	3	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:	CH364	CH367	MC312	MC300	
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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	4	3	
This course has improved my ability to communicate effectively with a range of audiences.	4	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	5	4	2	
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Instructions:	CH364	CH367	MC312	MC300	
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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	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:

I think these classes do a great job of getting me to understand these complex topics.

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. Required: Complete columns one to four (CH364, CH367, MC312, and MC300), unless you have not taken the course. Optional: Complete column five for any additional course, such as an elective, that you would like to rate. 					
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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	4	5	
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	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.	4	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	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:

I think it would be great to bring a guest speaker in once a semester for ChemEs in place of a lesson and have them discuss some of their experiences and what it is like being a chemical engineer in today's world.

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. Required: Complete columns one to four (CH364, CH367, MC312, and MC300), unless you have not taken the course. Optional: Complete column five for any additional course, such as an elective, that you would like to rate. 					
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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:

These course absolutely made me think critically.

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. Required: Complete columns one to four (CH364, CH367, MC312, and MC300), unless you have not taken the course. Optional: Complete column five for any additional course, such as an elective, that you would like to rate. 					
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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	4	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.	5	5	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.	3	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	4	4	4	
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	4	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:

Due to the small size of each class of chemical engineers, I feel it is easier for each instructor to know each cadet on a more personal level. I think this is one of the many aspects that make this engineering program better than others here at the academy. I would like to see/ have more hands-on time with some equipment prior to firstie year. I know for CH367, LTC James would bring us to the subbasement and would bring up the valve cart which I thought was beneficial to understanding the systems we were learning about and modeling.

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. Required: Complete columns one to four (CH364, CH367, MC312, and MC300), unless you have not taken the course. Optional: Complete column five 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.	4	4	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	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	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:

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. Required: Complete columns one to four (CH364, CH367, MC312, and MC300), unless you have not taken the course. Optional: Complete column five 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	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	2	4	
This course has improved my ability to communicate effectively with a range of audiences.	5	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	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	2	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	2	
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	4	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:

CH364 in my opinion has been one of the more difficult classes for me yet, but I have enjoyed the challenge. I think there are far too many labs and problem sets in that class and the class felt like a marathon. There were so many assignments due, more than ever before. CH367 has been my favorite course thus far, I had no problems with the course. A large part of my success in that course were the lesson handouts. MC312 was a decent course.. The lab program in that class is extremely flawed. Also, some of the topics seem rather exclusive to mechanical engineering which is expected but I would have liked more application to other fields such as chemical engineering. And as far as MC300, I'm not sure why I took this as a 2nd semester junior chemical engineer major, it just didn't seem relevant, besides the teamwork part.

Instructions:	CH402	CH400	Other: EM411	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. Required: Complete columns one and two for each course listed (CH402 and CH400) - 2 separate sets of responses. Optional: Complete columns three, four and five 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.	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	3		
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.	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	4	3		
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	5	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:

All the Instructors were really great I will miss having them.

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. Required: Complete columns one and two for each course listed (CH402 and CH400) - 2 separate sets of responses. Optional: Complete columns three, four and five 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	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.	5	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	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:

I love Chemical Engineering, and all the faculty in CLS!

Branch: _____ EN/IN Detail

Class Year: **2020 (FIRSTIE)**Term: **AY20-2**

Instructions:	CH402	CH400	Other: EM381	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. Required: Complete columns one and two for each course listed (CH402 and CH400) - 2 separate sets of responses. Optional: Complete columns three, four and five 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	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	4		
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.	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		
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	3		
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	5	3	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 has significantly improved my ability to critically think.

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. Required: Complete columns one and two for each course listed (CH402 and CH400) - 2 separate sets of responses. Optional: Complete columns three, four and five 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.	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	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	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.	5	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:

Branch: _____

Class Year: **2020 (FIRSTIE)**Term: **AY20-2****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.
- Required: Complete columns one and two for each course listed (CH402 and CH400) - 2 separate sets of responses.
- Optional: Complete columns three, four and five for any other courses that you would like to rate.

	CH402	CH400	Other: <u>MC380</u>	Other: <u>CH489</u>	Other: <u>EV379</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	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	5	5	4	5
This course has improved my ability to communicate effectively with a range of audiences.	4	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.	5	5	5	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.	5	4	5	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	4	4
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	4	4	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:

I wish the chemical engineering major had a capstone project as seen in other majors



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. Required: Complete columns one and two for each course listed (CH402 and CH400) - 2 separate sets of responses. Optional: Complete columns three, four and five 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.	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	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.	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.	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			
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.
- Required: Complete columns one and two for each course listed (CH402 and CH400) - 2 separate sets of responses.
- Optional: Complete columns three, four and five 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: MC300	Other:	Other:
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5	5	1		
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5	5	1		
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5	5	1		
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5	5	1		
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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:

MC300 was not a challenging class, and I did well in it. However, I don't think I gained anything from the class that helped me with engineering. All of the important skills such as drawing FBDs and solving for forces are more than adequately covered in Physics I and II.

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. Required: Complete columns one and two for each course listed (CH402 and CH400) - 2 separate sets of responses. Optional: Complete columns three, four and five 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.	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			
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.	5	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	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:	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. Required: Complete columns one and two for each course listed (CH402 and CH400) - 2 separate sets of responses. Optional: Complete columns three, four and five 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	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	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	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.	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:	CH402	CH400	Other: EM411	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. Required: Complete columns one and two for each course listed (CH402 and CH400) - 2 separate sets of responses. Optional: Complete columns three, four and five 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.	4	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.	5	2	3		
This course has improved my ability to communicate effectively with a range of audiences.	3	2	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	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	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	2		
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	4	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:

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.
- Required: Complete columns one and two for each course listed (CH402 and CH400) - 2 separate sets of responses.
- Optional: Complete columns three, four and five for any other courses that you would like to rate.

	CH402	CH400	Other: CH459	Other: CH365	Other: CH485
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	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	3
This course has improved my ability to communicate effectively with a range of audiences.	5	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	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	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.	5	3	5	5	4
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	5	3	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:

For Yearling Year, nix MA365, its worthless, replace it with a class that is dedicated to learning all about CHEMCAD and/or Mathematica. For Cow Year, nix MC312, there isn't a lot of material in the course that we use as Chem E's, what is in the course that we need is covered in CH402 and CH400. For Firstie Year, make CH459 worth more credits, it is a ton of work; also make CH400 a 2.5 or 3 credit course with the SACHE classes in them.

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. Required: Complete columns one and two for each course listed (CH402 and CH400) - 2 separate sets of responses. Optional: Complete columns three, four and five 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	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			
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.	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	3			
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:

I think CH400 should be made into a 3 credit course (add the safety stuff from CH459 like LTC Armstrong said). Otherwise it should just be on the cadets to prepare for the fee on their own. Because it was a 1.5 credit class i had to pick up an additional class. This wasn't the end of the world, but i would have rather of not. CH402 was a good capstone course. I learned a lot from building the crude plant, but it would have been way easier if we were at school.

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. Required: Complete columns one and two for each course listed (CH402 and CH400) - 2 separate sets of responses. Optional: Complete columns three, four and five 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	2			
This course has improved my ability to communicate effectively with a range of audiences.	3	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			
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	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:

CH402 was the perfect blend of economics and chemical engineering. I would advise more guest lectures regarding modern day refinery operations.
 CH400 is a good FEE prep class, therefore it was highly based on individual performance.

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.
- Required: Complete columns one and two for each course listed (CH402 and CH400) - 2 separate sets of responses.
- Optional: Complete columns three, four and five 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: SE301	Other: EM411	Other:
5	5	5	5	
5	5	3	5	
5	5	5	5	
5	5	4	4	
5	5	5	5	
5	5	5	5	
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:	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. Required: Complete columns one and two for each course listed (CH402 and CH400) - 2 separate sets of responses. Optional: Complete columns three, four and five 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.	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.	3	3			
This course has improved my ability to communicate effectively with a range of audiences.	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.	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	2			
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			
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	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:	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. Required: Complete columns one and two for each course listed (CH402 and CH400) - 2 separate sets of responses. Optional: Complete columns three, four and five 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.	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	1			
This course has improved my ability to communicate effectively with a range of audiences.	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.	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.	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.	3	1			
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	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:

CH400 should not be a required class. At least two Chemical Engineers were not enrolled in this course. This FE prep could easily be incorporated into a different class. Additionally, it takes up a lot of cadet time but is only 1.5 credit hours. I think that CH402 should have the extra 1.5 credit hours and that instead of CH400 we should have additional work for CH402. That way every student would be enrolled in the class anyways.

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. Required: Complete columns one and two for each course listed (CH402 and CH400) - 2 separate sets of responses. Optional: Complete columns three, four and five 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	4			
This course has improved my ability to communicate effectively with a range of audiences.	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			
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	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, a score of 3 is considered neutral, and a score of 5 indicates strong agreement with the statement.
- Required: Complete columns one and two for each course listed (CH402 and CH400) - 2 separate sets of responses.
- Optional: Complete columns three, four and five 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.

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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.

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:
-------	-------	--------	--------	--------

5	5			
---	---	--	--	--

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

4	2			
---	---	--	--	--

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

5	2			
---	---	--	--	--

3	1			
---	---	--	--	--

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:

I believe this program to be one of the finest at the academy and in the nation as a result of the dedicated staff and faculty that commit so much of their time to improving it.

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. Required: Complete columns one and two for each course listed (CH402 and CH400) - 2 separate sets of responses. Optional: Complete columns three, four and five 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	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	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	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:

I think the chemical engineering program as a whole has improved my ability to work in a team, think critically, work through difficult problems, and find alternate solutions. This has been a challenging, but very rewarding major and I have learned a lot both about the subject matter and myself in the last few years.

Branch: ArmorClass Year: 2020 (FIRSTIE)Term: AY20-2**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.
- Required: Complete columns one and two for each course listed (CH402 and CH400) - 2 separate sets of responses.
- Optional: Complete columns three, four and five 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: ME491	Other:	Other:
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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.

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:

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. Required: Complete columns one and two for each course listed (CH402 and CH400) - 2 separate sets of responses. Optional: Complete columns three, four and five for any other courses that you would like to rate. 					
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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.	3	5			
This course has improved my ability to communicate effectively with a range of audiences.	4	4			
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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. Required: Complete columns one and two for each course listed (CH402 and CH400) - 2 separate sets of responses. Optional: Complete columns three, four and five for any other courses that you would like to rate. 					
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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	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	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:	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. Required: Complete columns one and two for each course listed (CH402 and CH400) - 2 separate sets of responses. Optional: Complete columns three, four and five 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	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.	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.	5	3			
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:

Instructions:	CH402	CH400	Other: _____	Other: _____	Other: _____
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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	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.	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	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			
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			

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

Very good 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.
- Required: Complete columns one and two for each course listed (CH402 and CH400) - 2 separate sets of responses.
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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.

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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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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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: CH450	Other: CH489	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	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	3	5	4	
This course has improved my ability to communicate effectively with a range of audiences.	4	3	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	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	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.	4	3	4	4	
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	4	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:

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.
- Required: Complete columns one and two for each course listed (CH402 and CH400) - 2 separate sets of responses.
- Optional: Complete columns three, four and five for any other courses that you would like to rate.

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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:

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. Required: Complete columns one and two for each course listed (CH402 and CH400) - 2 separate sets of responses. Optional: Complete columns three, four and five for any other courses that you would like to rate. 					
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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	4			
This course has improved my ability to communicate effectively with a range of audiences.	3	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			
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.	3	1			
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	4	2			

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

Instructions:	CH362	MA364/5			
<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 with the statement, a score of 3 is neutral, and a score of 5 indicates strong agreement. Required: Complete columns one and two for each course listed (CH363 and MA364/5) - 2 separate sets of responses. Optional: Complete column three for any other course such as an engineering 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			
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			
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.	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	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			
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:

Graduation Class Year: 2022 (YEARLING)Current Term: AY20-2

Instructions:	CH362	MA364/5			
<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 with the statement, a score of 3 is neutral, and a score of 5 indicates strong agreement. Required: Complete columns one and two for each course listed (CH363 and MA364/5) - 2 separate sets of responses. Optional: Complete column three for any other course such as an engineering 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			
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.	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			
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:

Clara Bartram

Graduation Class Year: 2022 (YEARLING)

Current Term: AY20-2

Instructions:	CH362	MA364/5			
<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 with the statement, a score of 3 is neutral, and a score of 5 indicates strong agreement.Required: Complete columns one and two for each course listed (CH363 and MA364/5) - 2 separate sets of responses.Optional: Complete column three for any other course such as an engineering 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			
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.	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	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:

Have enjoyed the content of both courses. Will be interesting to keep applying these fundamentals to deeper topics throughout my progression in the chemical engineering program.

 7 MAY 20

Graduation Class Year: 2022 (YEARLING)Current Term: AY20-2

Instructions:	CH362	MA364/5			
<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 with the statement, a score of 3 is neutral, and a score of 5 indicates strong agreement. Required: Complete columns one and two for each course listed (CH363 and MA364/5) - 2 separate sets of responses. Optional: Complete column three for any other course such as an engineering 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			
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			
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.	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	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			
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:

Graduation Class Year: 2022 (YEARLING)Current Term: AY20-2

Instructions:	CH362	MA364/5			
<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 with the statement, a score of 3 is neutral, and a score of 5 indicates strong agreement. Required: Complete columns one and two for each course listed (CH363 and MA364/5) - 2 separate sets of responses. Optional: Complete column three for any other course such as an engineering 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	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	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.	5	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	2			
This course has improved my ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	3	2			
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	4	4			

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Graduation Class Year: 2022 (YEARLING)Current Term: AY20-2

Instructions:	CH362	MA364/5			
<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 with the statement, a score of 3 is neutral, and a score of 5 indicates strong agreement. Required: Complete columns one and two for each course listed (CH363 and MA364/5) - 2 separate sets of responses. Optional: Complete column three for any other course such as an engineering 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			
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.	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	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			
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: 2022 (YEARLING)Current Term: AY20-2

Instructions:	CH362	MA364/5			
<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 with the statement, a score of 3 is neutral, and a score of 5 indicates strong agreement. Required: Complete columns one and two for each course listed (CH363 and MA364/5) - 2 separate sets of responses. Optional: Complete column three for any other course such as an engineering 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	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.	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.	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	4			
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:

Morgan Ernst

Instructions:	CH362	MA364/5			
<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 with the statement, a score of 3 is neutral, and a score of 5 indicates strong agreement. Required: Complete columns one and two for each course listed (CH363 and MA364/5) - 2 separate sets of responses. Optional: Complete column three for any other course such as an engineering 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			
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.	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.	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	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: 2022 (YEARLING)Current Term: AY20-2

Instructions:	CH362	MA364/5			
<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 with the statement, a score of 3 is neutral, and a score of 5 indicates strong agreement. Required: Complete columns one and two for each course listed (CH363 and MA364/5) - 2 separate sets of responses. Optional: Complete column three for any other course such as an engineering 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			
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.	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	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			
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:

Graduation Class Year: 2022 (YEARLING)Current Term: AY20-2

Instructions:	CH362	MA364/5			
<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 with the statement, a score of 3 is neutral, and a score of 5 indicates strong agreement. Required: Complete columns one and two for each course listed (CH363 and MA364/5) - 2 separate sets of responses. Optional: Complete column three for any other course such as an engineering 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	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	2			
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.	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			
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:

Daniel J. Kim

Instructions:	CH362	MA364/5			
<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 with the statement, a score of 3 is neutral, and a score of 5 indicates strong agreement. Required: Complete columns one and two for each course listed (CH363 and MA364/5) - 2 separate sets of responses. Optional: Complete column three for any other course such as an engineering 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	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.	3	3			
This course has improved my ability to communicate effectively with a range of audiences.	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	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.	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			

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: 2022 (YEARLING)Current Term: AY20-2

Instructions:	CH362	MA364/5			
<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 with the statement, a score of 3 is neutral, and a score of 5 indicates strong agreement. Required: Complete columns one and two for each course listed (CH363 and MA364/5) - 2 separate sets of responses. Optional: Complete column three for any other course such as an engineering 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	2			
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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	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	3			
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	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:

MA365: Lower scores were more specific to the instructor and remote teaching (due to COVID-19) style of the course as opposed to anything regarding the design of the course itself.

Graduation Class Year: 2022 (YEARLING)Current Term: AY20-2

Instructions:	CH362	MA364/5			
... 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.					
... Required: Complete columns one and two for each course listed (CH363 and MA364/5) - 2 separate sets of responses.					
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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	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:



Graduation Class Year: 2022 (YEARLING)Current Term: AY20-2

Instructions:	CH362	MA364/5			
<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 with the statement, a score of 3 is neutral, and a score of 5 indicates strong agreement.Required: Complete columns one and two for each course listed (CH363 and MA364/5) - 2 separate sets of responses.Optional: Complete column three for any other course such as an engineering elective that you would like to rate.					
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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	1			
This course has improved my ability to communicate effectively with a range of audiences.	3	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	1			
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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	1			
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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: 2022 (YEARLING)Current Term: AY20-2

Instructions:	CH362	MA364/5			
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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:

CH362 completely helped me formulate my understanding of how to apply simple chemical equations and facts into a bigger spectrum as part of the chemical engineering process. MA364 helped to introduce to equations that I would use later in my career.

Graduation Class Year: 2022 (YEARLING)Current Term: AY20-2

Instructions:	CH362	MA364/5			
<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 with the statement, a score of 3 is neutral, and a score of 5 indicates strong agreement. Required: Complete columns one and two for each course listed (CH363 and MA364/5) - 2 separate sets of responses. Optional: Complete column three for any other course such as an engineering elective that you would like to rate. 					
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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 develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	5	4			
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Graduation Class Year: 2022 (YEARLING)Current Term: AY20-2

Instructions:	CH362	MA364/5			
<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 with the statement, a score of 3 is neutral, and a score of 5 indicates strong agreement. Required: Complete columns one and two for each course listed (CH363 and MA364/5) - 2 separate sets of responses. Optional: Complete column three for any other course such as an engineering 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			
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.	1	2			
This course has improved my ability to communicate effectively with a range of audiences.	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.	3	3			
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Graduation Class Year: 2022 (YEARLING)Current Term: AY20-2

Instructions:	CH362	MA364/5			
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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	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.	3	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.	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:

The chemical engineering program is challenging yet extremely rewarding. The hours and hours of work are easier when coming into the program with an open mind, ready to work hard.

Graduation Class Year: 2022 (YEARLING)Current Term: AY20-2

Instructions:	CH362	MA364/5			
<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 with the statement, a score of 3 is neutral, and a score of 5 indicates strong agreement. Required: Complete columns one and two for each course listed (CH363 and MA364/5) - 2 separate sets of responses. Optional: Complete column three for any other course such as an engineering 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			
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			
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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	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:

The chemical engineering program has been great so far and I have learned a lot about chemical engineering processes.

Graduation Class Year: 2022 (YEARLING)Current Term: AY20-2

Instructions:	CH362	MA364/5			
<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 with the statement, a score of 3 is neutral, and a score of 5 indicates strong agreement. Required: Complete columns one and two for each course listed (CH363 and MA364/5) - 2 separate sets of responses. Optional: Complete column three for any other course such as an engineering elective that you would like to rate. 					
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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:

Despite my relative inexperience as of far with USMA's Chemical Engineering Curriculum, I believe that I stand more than prepared to comment positively on the quality of instruction and the nature of the curricula themselves.

Graduation Class Year: 2022 (YEARLING)Current Term: AY20-2

Instructions:	CH362	MA364/5			
<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 with the statement, a score of 3 is neutral, and a score of 5 indicates strong agreement. Required: Complete columns one and two for each course listed (CH363 and MA364/5) - 2 separate sets of responses. Optional: Complete column three for any other course such as an engineering elective that you would like to rate. 					
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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.	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	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:

Instructions:	CH362	MA364/5			
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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.	3	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			
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: 2022 (YEARLING)Current Term: AY20-2

Instructions:	CH362	MA364/5	EE301	
<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 with the statement, a score of 3 is neutral, and a score of 5 indicates strong agreement. Required: Complete columns one and two for each course listed (CH363 and MA364/5) - 2 separate sets of responses. Optional: Complete column three for any other course such as an engineering 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	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.	4	1	4	
This course has improved my ability to communicate effectively with a range of audiences.	4	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.	4	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.	4	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	1	3	
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	5	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:

Graduation Class Year: 2022 (YEARLING)Current Term: AY20-2

Instructions:	CH362	MA364/5			
<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 with the statement, a score of 3 is neutral, and a score of 5 indicates strong agreement. Required: Complete columns one and two for each course listed (CH363 and MA364/5) - 2 separate sets of responses. Optional: Complete column three for any other course such as an engineering 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				
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				
This course has improved my ability to communicate effectively with a range of audiences.	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				
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				
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				

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

LO Saachao

Instructions:	CH362	MA364/5			
<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 with the statement, a score of 3 is neutral, and a score of 5 indicates strong agreement. Required: Complete columns one and two for each course listed (CH363 and MA364/5) - 2 separate sets of responses. Optional: Complete column three for any other course such as an engineering 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	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	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.	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			
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:

The chemical engineering course was well-designed and executed, the MA365 course had highly varied experiences based on instructor.

Graduation Class Year: 2022 (Thompson)

Current Term: AY20-2

Instructions:	CH362	MA364/5		
<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 with the statement, a score of 3 is neutral, and a score of 5 indicates strong agreement.Required: Complete columns one and two for each course listed (CH363 and MA364/5) - 2 separate sets of responses.Optional: Complete column three for any other course such as an engineering 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	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	1		
This course has improved my ability to communicate effectively with a range of audiences.	4	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	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		
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		
This course has improved my ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	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:

Graduation Class Year: 2022 (YEARLING)Current Term: AY20-2

Instructions:	CH362	MA364/5			
<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 with the statement, a score of 3 is neutral, and a score of 5 indicates strong agreement. Required: Complete columns one and two for each course listed (CH363 and MA364/5) - 2 separate sets of responses. Optional: Complete column three for any other course such as an engineering 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			
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	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			
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.	5	2			
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: 2022 (YEARLING)Current Term: AY20-2

Instructions:	CH362	MA364/5			
<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 with the statement, a score of 3 is neutral, and a score of 5 indicates strong agreement. Required: Complete columns one and two for each course listed (CH363 and MA364/5) - 2 separate sets of responses. Optional: Complete column three for any other course such as an engineering 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			
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.	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			
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.	3	3			
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:

Instructions:	CH362	MA364/5			
<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 with the statement, a score of 3 is neutral, and a score of 5 indicates strong agreement. Required: Complete columns one and two for each course listed (CH363 and MA364/5) - 2 separate sets of responses. Optional: Complete column three for any other course such as an engineering 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	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	3			
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	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	3			
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:

I took the course MA365. In MA365 I got to interact with students from a different instructor's section. It seems like the sub-par experience that I received in the class was largely a result of the specific instructor I had.