

## AY2019 Chemical Engineering Program Exit Survey

Name: Jenelle BursonDate: 5/10/2019**Part I. Student Outcomes.** Check the box that most closely represents your opinion.

The program has prepared me to:	Strongly Disagree	Neutral	Strongly Agree		
Identify, formulate, and solve engineering problems by applying principles of engineering, science, and mathematics	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, & welfare, as well as global, cultural, social, environmental, and economic factors.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Communicate effectively with a range of audiences.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Acquire and apply new knowledge as needed, using appropriate learning strategies.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Understand the chemical engineering curriculum, including advanced chemistry, material & energy balances, safety and environmental factors, heat, mass, and momentum transfer, chemical reaction engineering, separation processes, process dynamics and control, modern experimental and computing techniques, and process design.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**AY2019 Chemical Engineering Program Exit Survey**

Name: Kenneth Burson

Date: 5/10/2019

**Part II. Open questions.**

What was your favorite course in the chemical engineering program?

CH362 Mass & Energy Balance

What was your least favorite course in the program? What would you change about it?

CH485, more practice problems in class

Other than courses, was there any aspect of the program you particularly enjoyed? (i.e., AIADs, research, club, faculty and cadet interactions outside the classroom, etc.)

I loved doing research here with faculty

Projecting ahead 6-8 years, do you think you would be interested in returning to West Point as an instructor if you are still in the Army? If so, would you like us to contact you?

Maybe. That would be great.

Do you plan on leaving the Army after your service obligation, and if so, what is your desired profession?

Yes I do, as doctor hopefully.

## AY2019 Chemical Engineering Program Exit Survey

Name: Jack BuiDate: 10 MAY 19**Part I. Student Outcomes.** Check the box that most closely represents your opinion.

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· Identify, formulate, and solve engineering problems by applying principles of engineering, science, and mathematics	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
· Apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, & welfare, as well as global, cultural, social, environmental, and economic factors.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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**AY2019 Chemical Engineering Program Exit Survey**

Name: Jack Bui

Date: 10 May 19

**Part II. Open questions.**

What was your favorite course in the chemical engineering program?

CH402

What was your least favorite course in the program? What would you change about it?

XEN72. Department has already made necessary changes

Other than courses, was there any aspect of the program you particularly enjoyed? (i.e., AIADS, research, club, faculty and cadet interactions outside the classroom, etc.)

AIADS, faculty interaction, heavy collaboration with others

Projecting ahead 6-8 years, do you think you would be interested in returning to West Point as an instructor if you are still in the Army? If so, would you like us to contact you?

That would be interesting. I consent to contact.

Do you plan on leaving the Army after your service obligation, and if so, what is your desired profession?

Yes, I plan on getting an MBA and seeing what happens

## AY2019 Chemical Engineering Program Exit Survey

Name: Alvin BarnesDate: 10 MAY 2019**Part I. Student Outcomes.** Check the box that most closely represents your opinion.

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- Identify, formulate, and solve engineering problems by applying principles of engineering, science, and mathematics	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
- Apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, & welfare, as well as global, cultural, social, environmental, and economic factors.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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**AY2019 Chemical Engineering Program Exit Survey**

Name: Alvin Burns

Date: 10 MAY 2019

**Part II. Open questions.**

What was your favorite course in the chemical engineering program?

CH459 because it was a practical application of the skills we have learned in the ChemE program.

What was your least favorite course in the program? What would you change about it?

CH485 was my least favorite course. I would make the course easier to understand. I felt as if I understood the material until ~~reached~~ about the half-way pt and then it seemed like everything was new and didn't build on prior material.

Other than courses, was there any aspect of the program you particularly enjoyed? (i.e., AIADs, research, club, faculty and cadet interactions outside the classroom, etc.)

Faculty and cadet interactions were a major highlight in the program.

I also enjoyed the fact that my AIADs applied to the research I was doing at WP.

Projecting ahead 6-8 years, do you think you would be interested in returning to West Point as an instructor if you are still in the Army? If so, would you like us to contact you?

Yes, I am interested in returning as an instructor. Yes  
I would like to be contacted.

Do you plan on leaving the Army after your service obligation, and if so, what is your desired profession?

I am undecided at this point. I will see how much I enjoy the Army when the time comes.

## AY2019 Chemical Engineering Program Exit Survey

Name: Luke FclisterhDate: 10 May 19

**Part I. Student Outcomes.** Check the box that most closely represents your opinion.

The program has prepared me to:	Strongly Disagree	Neutral	Strongly Agree	
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- Apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, & welfare, as well as global, cultural, social, environmental, and economic factors.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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**AY2019 Chemical Engineering Program Exit Survey**

Name: \_\_\_\_\_

Date: \_\_\_\_\_

**Part II. Open questions.**

What was your favorite course in the chemical engineering program?

CH364 Chemical Reactor Engineering

What was your least favorite course in the program? What would you change about it?

XE472, Controls, I would focus on Engineering Math fundamentals more. I would emphasize solving Diff eqs that relate directly to chem E.

Other than courses, was there any aspect of the program you particularly enjoyed? (i.e., AIADs, research, club, faculty and cadet interactions outside the classroom, etc.)

The faculty and cadets were amazing. I loved the team environment and I learned more because of it.

Projecting ahead 6-8 years, do you think you would be interested in returning to West Point as an instructor if you are still in the Army? If so, would you like us to contact you?

Absolutely, I would like to be in contact  
lukeckstein35@gmail.com

Do you plan on leaving the Army after your service obligation, and if so, what is your desired profession?

I do not plan to leave but if I did I would attempt to get into engineering management.

## AY2019 Chemical Engineering Program Exit Survey

Name: GilbertDate: 10 May 19**Part I. Student Outcomes.** Check the box that most closely represents your opinion.

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Identify, formulate, and solve engineering problems by applying principles of engineering, science, and mathematics	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, & welfare, as well as global, cultural, social, environmental, and economic factors.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Communicate effectively with a range of audiences.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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**AY2019 Chemical Engineering Program Exit Survey**

Name: Gilbert

Date: 10 May 19

**Part II. Open questions.**

What was your favorite course in the chemical engineering program?

CH 363

What was your least favorite course in the program? What would you change about it?

XE 472. Remove it from  
existence.

Other than courses, was there any aspect of the program you particularly enjoyed? (i.e., AIADs, research, club, faculty and cadet interactions outside the classroom, etc.)

The people (faculty & cadets) are  
the best I've ever known.

Projecting ahead 6-8 years, do you think you would be interested in returning to West Point as an instructor if you are still in the Army? If so, would you like us to contact you?

yes, please do

Do you plan on leaving the Army after your service obligation, and if so, what is your desired profession?

I don't know yet,  
gotta get in & find  
out

AY2019 Chemical Engineering Program Exit Survey

Name: Holguin

Date: 10 MAY 2019

Part I. Student Outcomes. Check the box that most closely represents your opinion.

The program has prepared me to:	Strongly Disagree	Neutral	Strongly Agree	
- Identify, formulate, and solve engineering problems by applying principles of engineering, science, and mathematics	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
- Apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, & welfare, as well as global, cultural, social, environmental, and economic factors.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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**AY2019 Chemical Engineering Program Exit Survey**

Name: \_\_\_\_\_

Date: \_\_\_\_\_

**Part II. Open questions.**

What was your favorite course in the chemical engineering program?

Mass/energy balances

What was your least favorite course in the program? What would you change about it?

heat/mass transfer

The way that it is taught

Other than courses, was there any aspect of the program you particularly enjoyed? (i.e., AIADs, research, club, faculty and cadet interactions outside the classroom, etc.)

The staff

The trip sections

Projecting ahead 6-8 years, do you think you would be interested in returning to West Point as an instructor if you are still in the Army? If so, would you like us to contact you?

No

Do you plan on leaving the Army after your service obligation, and if so, what is your desired profession?

Unsure

## AY2019 Chemical Engineering Program Exit Survey

Name: Jesse HudginsDate: 10 MAY 19**Part I. Student Outcomes.** Check the box that most closely represents your opinion.

The program has prepared me to:	Strongly Disagree	Neutral	Strongly Agree
- Identify, formulate, and solve engineering problems by applying principles of engineering, science, and mathematics	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
- Apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, & welfare, as well as global, cultural, social, environmental, and economic factors.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
- Communicate effectively with a range of audiences.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
- 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.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
- Function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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**AY2019 Chemical Engineering Program Exit Survey**

Name: Hudgins

Date: 10 MAY 19

**Part II. Open questions.**

What was your favorite course in the chemical engineering program?

CH459

What was your least favorite course in the program? What would you change about it?

CH400. Change grading scale to match the PEE-

Other than courses, was there any aspect of the program you particularly enjoyed? (i.e., AIADs, research, club, faculty and cadet interactions outside the classroom, etc.)

Faculty and cadet interaction, availability of instructors

Projecting ahead 6-8 years, do you think you would be interested in returning to West Point as an instructor if you are still in the Army? If so, would you like us to contact you?

No.

Do you plan on leaving the Army after your service obligation, and if so, what is your desired profession?

Yes and I do not know

## AY2019 Chemical Engineering Program Exit Survey

Name: Koppel, BlakeDate: 10 MAY 19**Part I. Student Outcomes.** Check the box that most closely represents your opinion.

The program has prepared me to:	Strongly Disagree	Neutral	Strongly Agree	
	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
- Identify, formulate, and solve engineering problems by applying principles of engineering, science, and mathematics	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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## AY2019 Chemical Engineering Program Exit Survey

Name: Koppel, Blakc

Date: 10 MAY 19

### Part II. Open questions.

What was your favorite course in the chemical engineering program?

CH459, while the reports were lengthy, the ability to work with small-scale ChemE devices was awesome.

What was your least favorite course in the program? What would you change about it?

XE472... but this has been addressed.

MC300, no real application to ChemE in the course material.

Other than courses, was there any aspect of the program you particularly enjoyed? (i.e., AIADs, research, club, faculty and cadet interactions outside the classroom, etc.)

Brew Club

Faculties is the best on Campus

Strong relationships with faculty and fellow cadets

Projecting ahead 6-8 years, do you think you would be interested in returning to West Point as an instructor if you are still in the Army? If so, would you like us to contact you?

Yes and Yes

Do you plan on leaving the Army after your service obligation, and if so, what is your desired profession?

No, but after I'm out of the Army  
I would like to work in industry as a manager.

## AY2019 Chemical Engineering Program Exit Survey

Name: Galen KrentzbergerDate: 10 May 19**Part I. Student Outcomes.** Check the box that most closely represents your opinion.

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AY2019 Chemical Engineering Program Exit Survey

Name: Galen Kreutzbecker

Date: 10/11/19

**Part II. Open questions.**

What was your favorite course in the chemical engineering program?

CH364 or CH365 were my favorite classes (Both tie)

What was your least favorite course in the program? What would you change about it?

CH459 - I got stuck with 2 lab partners who did not carry their weight so instead of being a group of 3, I did 90% of the work myself.

Other than courses, was there any aspect of the program you particularly enjoyed? (i.e., AIADs, research, club, faculty and cadet interactions outside the classroom, etc.)

I enjoyed the ChemE bond and the instructors that we had.

Projecting ahead 6-8 years, do you think you would be interested in returning to West Point as an instructor if you are still in the Army? If so, would you like us to contact you? I would be interested and I would like to be contacted.

Do you plan on leaving the Army after your service obligation, and if so, what is your desired profession?

Potentially, it all depends on many situations. If I were to leave, I would want to get into industry.

**AY2019 Chemical Engineering Program Exit Survey**

Name: J D Matsko

Date: 10 May 2019

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**AY2019 Chemical Engineering Program Exit Survey**

Name: JD Matsko

Date: 10 May 19

**Part II. Open questions.**

What was your favorite course in the chemical engineering program?

CH 459 I enjoyed being able to apply what we learned in the classroom to real processes

What was your least favorite course in the program? What would you change about it?

XE 472 → This problem has been addressed

I felt that this course did not adequately prepare me for chemical engineering controls

Other than courses, was there any aspect of the program you particularly enjoyed? (i.e., AIADs, research, club, faculty and cadet interactions outside the classroom, etc.)

I enjoyed interacting with the faculty. I felt that they were caring and committed to helping us.

Projecting ahead 6-8 years, do you think you would be interested in returning to

West Point as an instructor if you are still in the Army? If so, would you like us to

contact you? Potentially, but I have no idea what I will want to do in 6-8 years

Do you plan on leaving the Army after your service obligation, and if so, what is your desired profession? I do not currently plan on leaving the army

## AY2019 Chemical Engineering Program Exit Survey

Name: Shane McCarthyDate: 10 MAY 19**Part I. Student Outcomes.** Check the box that most closely represents your opinion.

The program has prepared me to:	Strongly Disagree	Neutral	Strongly Agree	
Identify, formulate, and solve engineering problems by applying principles of engineering, science, and mathematics	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, & welfare, as well as global, cultural, social, environmental, and economic factors.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Communicate effectively with a range of audiences.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Acquire and apply new knowledge as needed, using appropriate learning strategies.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Understand the chemical engineering curriculum, including advanced chemistry, material & energy balances, safety and environmental factors, heat, mass, and momentum transfer, chemical reaction engineering, separation processes, process dynamics and control, modern experimental and computing techniques, and process design.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**AY2019 Chemical Engineering Program Exit Survey**

Name: Jane McCarthy

Date: 10MAY19

**Part II. Open questions.**

What was your favorite course in the chemical engineering program?

CH 363 - Separation Process

What was your least favorite course in the program? What would you change about it?

CH 485 - Heat & Mass Transfer

Incorporate different teaching methods IOT maximize learning instead of relying on Ms PPT

Other than courses, was there any aspect of the program you particularly enjoyed? (i.e., AIADs, research, club, faculty and cadet interactions outside the classroom, etc.)

I've grown very close with other cadets in this major, and our faculty takes the time to know each individual & invest in their success.

Projecting ahead 6-8 years, do you think you would be interested in returning to West Point as an instructor if you are still in the Army? If so, would you like us to contact you?

No.

Do you plan on leaving the Army after your service obligation, and if so, what is your desired profession?

No, but probably after 10 years. I'd like to work in Management wrt Petroleum Engineering

## AY2019 Chemical Engineering Program Exit Survey

Name: Frank MedinaDate: 5/10**Part I. Student Outcomes.** Check the box that most closely represents your opinion.

The program has prepared me to:	Strongly Disagree	Neutral	Strongly Agree	
Identify, formulate, and solve engineering problems by applying principles of engineering, science, and mathematics	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, & welfare, as well as global, cultural, social, environmental, and economic factors.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Communicate effectively with a range of audiences.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Acquire and apply new knowledge as needed, using appropriate learning strategies.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Understand the chemical engineering curriculum, including advanced chemistry, material & energy balances, safety and environmental factors, heat, mass, and momentum transfer, chemical reaction engineering, separation processes, process dynamics and control, modern experimental and computing techniques, and process design.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**AY2019 Chemical Engineering Program Exit Survey**

Name: Medci

Date: 5/10

**Part II. Open questions.**

What was your favorite course in the chemical engineering program?

CH402

What was your least favorite course in the program? What would you change about it?

XE472 but that has been dealt with

Other than courses, was there any aspect of the program you particularly enjoyed? (i.e., AIADs, research, club, faculty and cadet interactions outside the classroom, etc.)

Working with the cadets in the major, it is one of the best groups I've ever been a part of, also the faculty were amazing

Projecting ahead 6-8 years, do you think you would be interested in returning to West Point as an instructor if you are still in the Army? If so, would you like us to contact you?

If I am still in the Army I would consider returning

Do you plan on leaving the Army after your service obligation, and if so, what is your desired profession?

Currently I plan on leaving to continue my education

## AY2019 Chemical Engineering Program Exit Survey

Name: ROB NIEHOFDate: 10 MAY 19**Part I. Student Outcomes.** Check the box that most closely represents your opinion.

The program has prepared me to:	Strongly Disagree	Neutral	Strongly Agree	
· Identify, formulate, and solve engineering problems by applying principles of engineering, science, and mathematics	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
· Apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, & welfare, as well as global, cultural, social, environmental, and economic factors.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
· Communicate effectively with a range of audiences.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
· 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.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
· Function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
· Develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
· Acquire and apply new knowledge as needed, using appropriate learning strategies.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
· Understand the chemical engineering curriculum, including advanced chemistry, material & energy balances, safety and environmental factors, heat, mass, and momentum transfer, chemical reaction engineering, separation processes, process dynamics and control, modern experimental and computing techniques, and process design.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**AY2019 Chemical Engineering Program Exit Survey**

Name: ROB NIEHOF

Date: 10MAY19

**Part II. Open questions.**

What was your favorite course in the chemical engineering program?

*Chemical Reaction Engineering*

What was your least favorite course in the program? What would you change about it?

*Heat & Mass Transfer / Dynamic Controls.*

*H&M → make it two semesters (one for each)*

*DC → make it in-house to Chem E (what we did)*

Other than courses, was there any aspect of the program you particularly enjoyed? (i.e., AIADs, research, club, faculty and cadet interactions outside the classroom, etc.)

*Faculty & cadet interactions are the only reason  
I'm not a management major right now.*

Projecting ahead 6-8 years, do you think you would be interested in returning to West Point as an instructor if you are still in the Army? If so, would you like us to contact you?

*Not @ the moment, but I would be open to remaining "reachable"*

Do you plan on leaving the Army after your service obligation, and if so, what is your desired profession?

*Possibly.*

*I want to be a pilot in whatever*

*capacity I am afforded for as long as possible.*

## AY2019 Chemical Engineering Program Exit Survey

Name: OnakaDate: 10MAY19**Part I. Student Outcomes.** Check the box that most closely represents your opinion.

The program has prepared me to:	Strongly Disagree	Neutral	Strongly Agree	
Identify, formulate, and solve engineering problems by applying principles of engineering, science, and mathematics	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, & welfare, as well as global, cultural, social, environmental, and economic factors.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Communicate effectively with a range of audiences.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Acquire and apply new knowledge as needed, using appropriate learning strategies.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Understand the chemical engineering curriculum, including advanced chemistry, material & energy balances, safety and environmental factors, heat, mass, and momentum transfer, chemical reaction engineering, separation processes, process dynamics and control, modern experimental and computing techniques, and process design.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

AY2019 Chemical Engineering Program Exit Survey

Name: Onaka

Date: 10 MAY 19

Part II. Open questions.

What was your favorite course in the chemical engineering program?

Chemical Reaction Engineering

What was your least favorite course in the program? What would you change about it?

Dynamic Systems and Controls.

Increase the chemE focus (already done by moving course to CLS dept. for class of 2020)

Other than courses, was there any aspect of the program you particularly enjoyed? (i.e., AIADs, research, club, faculty and cadet interactions outside the classroom, etc.)

I had 2 AIADs that I enjoyed and I particularly enjoyed my research Firstie year.

Projecting ahead 6-8 years, do you think you would be interested in returning to West Point as an instructor if you are still in the Army? If so, would you like us to contact you?

Yes. Yes I would like to be contacted.

Do you plan on leaving the Army after your service obligation, and if so, what is your desired profession?

Currently no.

## AY2019 Chemical Engineering Program Exit Survey

Name: Dusley, EvanDate: 10 MAY 19**Part I. Student Outcomes.** Check the box that most closely represents your opinion.

The program has prepared me to:	Strongly Disagree	Neutral	Strongly Agree	
- Identify, formulate, and solve engineering problems by applying principles of engineering, science, and mathematics	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
- Apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, & welfare, as well as global, cultural, social, environmental, and economic factors.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
- Communicate effectively with a range of audiences.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
- 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.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
- Function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
- Develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
- Acquire and apply new knowledge as needed, using appropriate learning strategies.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
- Understand the chemical engineering curriculum, including advanced chemistry, material & energy balances, safety and environmental factors, heat, mass, and momentum transfer, chemical reaction engineering, separation processes, process dynamics and control, modern experimental and computing techniques, and process design.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

AY2019 Chemical Engineering Program Exit Survey

Name: Ousley, Evan

Date: 10 MAY 19

**Part II. Open questions.**

What was your favorite course in the chemical engineering program?

CH459

What was your least favorite course in the program? What would you change about it?

CH485, I'd like to see more focus on the foundation. I struggled with understanding the basic principles.

Other than courses, was there any aspect of the program you particularly enjoyed? (i.e., AIADs, research, club, faculty and cadet interactions outside the classroom, etc.)

Research

Projecting ahead 6-8 years, do you think you would be interested in returning to West Point as an instructor if you are still in the Army? If so, would you like us to contact you?

Yes, Yes

Do you plan on leaving the Army after your service obligation, and if so, what is your desired profession?

Possibly, if I do, I would like to work with material design

## AY2019 Chemical Engineering Program Exit Survey

Name: Jesse PalmerDate: 10/05/19**Part I. Student Outcomes.** Check the box that most closely represents your opinion.

The program has prepared me to:	Strongly Disagree	Neutral	Strongly Agree	
- Identify, formulate, and solve engineering problems by applying principles of engineering, science, and mathematics	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input checked="" type="checkbox"/>
- Apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, & welfare, as well as global, cultural, social, environmental, and economic factors.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input checked="" type="checkbox"/>
- Communicate effectively with a range of audiences.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input checked="" type="checkbox"/>
- 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.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input checked="" type="checkbox"/>
- Function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input checked="" type="checkbox"/>
- Develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input checked="" type="checkbox"/>
- Acquire and apply new knowledge as needed, using appropriate learning strategies.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input checked="" type="checkbox"/>
- Understand the chemical engineering curriculum, including advanced chemistry, material & energy balances, safety and environmental factors, heat, mass, and momentum transfer, chemical reaction engineering, separation processes, process dynamics and control, modern experimental and computing techniques, and process design.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input checked="" type="checkbox"/>

**AY2019 Chemical Engineering Program Exit Survey**

Name: \_\_\_\_\_

Date: \_\_\_\_\_

**Part II. Open questions.**

What was your favorite course in the chemical engineering program?

Reaction - CH364

What was your least favorite course in the program? What would you change about it?

Heat & Mass → Textbook is vague on  
many points → would assist w/ algorithm  
based teaching

Other than courses, was there any aspect of the program you particularly enjoyed? (i.e., AIADs, research, club, faculty and cadet interactions outside the classroom, etc.)

Research was great and should be  
more marketed @ earlier stages

Projecting ahead 6-8 years, do you think you would be interested in returning to West Point as an instructor if you are still in the Army? If so, would you like us to contact you? Yes, Yes

Do you plan on leaving the Army after your service obligation, and if so, what is your desired profession?

If I do, it will be for research

## AY2019 Chemical Engineering Program Exit Survey

Name: Brendon SauerDate: 10 May 19

**Part I. Student Outcomes.** Check the box that most closely represents your opinion.

The program has prepared me to:	Strongly Disagree	Neutral	Strongly Agree		
Identify, formulate, and solve engineering problems by applying principles of engineering, science, and mathematics	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, & welfare, as well as global, cultural, social, environmental, and economic factors.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Communicate effectively with a range of audiences.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Acquire and apply new knowledge as needed, using appropriate learning strategies.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Understand the chemical engineering curriculum, including advanced chemistry, material & energy balances, safety and environmental factors, heat, mass, and momentum transfer, chemical reaction engineering, separation processes, process dynamics and control, modern experimental and computing techniques, and process design.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

AY2019 Chemical Engineering Program Exit Survey

Name: Brendan Sauer

Date: 10 May 19

**Part II. Open questions.**

What was your favorite course in the chemical engineering program?

*Separations*

What was your least favorite course in the program? What would you change about it?

*Mass & Heat Transfer. I would focus more on the application of formulas and less on formula derivations.*

Other than courses, was there any aspect of the program you particularly enjoyed? (i.e., AIADs, research, club, faculty and cadet interactions outside the classroom, etc.)

*I thought the different labs in CH455 were really interesting.*

Projecting ahead 6-8 years, do you think you would be interested in returning to West Point as an instructor if you are still in the Army? If so, would you like us to contact you? *Most likely not.*

Do you plan on leaving the Army after your service obligation, and if so, what is your desired profession? *Undecided.*

## AY2019 Chemical Engineering Program Exit Survey

Name: Sarah SchwarzmanDate: 10 MAY**Part I. Student Outcomes.** Check the box that most closely represents your opinion.

The program has prepared me to:	Strongly Disagree	Neutral	Strongly Agree	
- Identify, formulate, and solve engineering problems by applying principles of engineering, science, and mathematics	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
- Apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, & welfare, as well as global, cultural, social, environmental, and economic factors.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
- Communicate effectively with a range of audiences.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
- 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.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
- Function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
- Develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
- Acquire and apply new knowledge as needed, using appropriate learning strategies.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
- Understand the chemical engineering curriculum, including advanced chemistry, material & energy balances, safety and environmental factors, heat, mass, and momentum transfer, chemical reaction engineering, separation processes, process dynamics and control, modern experimental and computing techniques, and process design.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

AY2019 Chemical Engineering Program Exit Survey

Name: Sarah Schwarzman

Date: 10 MAY

**Part II. Open questions.**

What was your favorite course in the chemical engineering program?

CH364 Reaction Engineering

What was your least favorite course in the program? What would you change about it?

CH459- Balance the workload that each cadet does with the grade they earned.

Other than courses, was there any aspect of the program you particularly enjoyed? (i.e., AIADs, research, club, faculty and cadet interactions outside the classroom, etc.)

AIADs and the trip sections through classes

Projecting ahead 6-8 years, do you think you would be interested in returning to West Point as an instructor if you are still in the Army? If so, would you like us to contact you?

Yes - Yes.

Do you plan on leaving the Army after your service obligation, and if so, what is your desired profession?

Maybe. Either a managerial position or a teacher.

**AY2019 Chemical Engineering Program Exit Survey**

Name: GRAHAM SHOPSHIRE

Date: 10 MAY 19

**Part I. Student Outcomes.** Check the box that most closely represents your opinion.

The program has prepared me to:	Strongly Disagree	Neutral	Strongly Agree		
Identify, formulate, and solve engineering problems by applying principles of engineering, science, and mathematics	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, & welfare, as well as global, cultural, social, environmental, and economic factors.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Communicate effectively with a range of audiences.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Acquire and apply new knowledge as needed, using appropriate learning strategies.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Understand the chemical engineering curriculum, including advanced chemistry, material & energy balances, safety and environmental factors, heat, mass, and momentum transfer, chemical reaction engineering, separation processes, process dynamics and control, modern experimental and computing techniques, and process design.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

## AY2019 Chemical Engineering Program Exit Survey

Name: GRAHAM SHOFSHIRE

Date: 10 MAY 19

### Part II. Open questions.

What was your favorite course in the chemical engineering program?

CH459

What was your least favorite course in the program? What would you change about it?

CH485, MAKE IT MORE APPLICABLE TO REAL-WORLD PROBLEMS

Other than courses, was there any aspect of the program you particularly enjoyed? (i.e., AIADs, research, club, faculty and cadet interactions outside the classroom, etc.)

BEST FACULTY OF ANY DEPARTMENT AND IT IS NOT EVEN CLOSE.

Projecting ahead 6-8 years, do you think you would be interested in returning to West Point as an instructor if you are still in the Army? If so, would you like us to contact you?

I DO NOT THINK IT IS LIKELY BUT I PROHIBITED LTC ARMSTRONG I WOULD THINK ABOUT IT IF I GOT THE OPPORTUNITY.

Do you plan on leaving the Army after your service obligation, and if so, what is your desired profession?

I WILL STAY AS LONG AS I AM ENJOYING MY WORK / GETTING THE OPPORTUNITIES THAT INTEREST ME. I WOULD PROBABLY GO BACK TO SCHOOL IF I GOT OUT.

## AY2019 Chemical Engineering Program Exit Survey

Name: Zachary SowatzkeDate: 10 May 19

**Part I. Student Outcomes.** Check the box that most closely represents your opinion.

The program has prepared me to:	Strongly Disagree	Neutral	Strongly Agree	
Identify, formulate, and solve engineering problems by applying principles of engineering, science, and mathematics	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, & welfare, as well as global, cultural, social, environmental, and economic factors.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Communicate effectively with a range of audiences.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Acquire and apply new knowledge as needed, using appropriate learning strategies.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Understand the chemical engineering curriculum, including advanced chemistry, material & energy balances, safety and environmental factors, heat, mass, and momentum transfer, chemical reaction engineering, separation processes, process dynamics and control, modern experimental and computing techniques, and process design.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

AY2019 Chemical Engineering Program Exit Survey

Name: Zach Sowatzke

Date: 10 May 19

**Part II. Open questions.**

What was your favorite course in the chemical engineering program?

CH364 - I really enjoyed the math and design-based approach of the class.

What was your least favorite course in the program? What would you change about it?

CH485 - I felt as though it was too math heavy, especially doing hand calculations. I would try to incorporate more computer programming in Mathematica or CHEMCAID into it.

Other than courses, was there any aspect of the program you particularly enjoyed? (i.e., AIADs, research, club, faculty and cadet interactions outside the classroom, etc.)

I enjoyed the AIADs. Although I never went on any through CLS, I went on 2 through PANE to LLNL and Sandia to work on projects pertaining to ChemE.

Projecting ahead 6-8 years, do you think you would be interested in returning to West Point as an instructor if you are still in the Army? If so, would you like us to contact you?

If I am still in the Army, I would like to come back and teach. I feel as though I could help out the next generation of ChemEs.

Do you plan on leaving the Army after your service obligation, and if so, what is your desired profession?

Most likely I will, and I would like to work either for the oil industry or for a national lab.

## AY2019 Chemical Engineering Program Exit Survey

Name: Michael SullivanDate: 10 MAY

**Part I. Student Outcomes.** Check the box that most closely represents your opinion.

The program has prepared me to:	Strongly Disagree	Neutral	Strongly Agree	
Identify, formulate, and solve engineering problems by applying principles of engineering, science, and mathematics	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, & welfare, as well as global, cultural, social, environmental, and economic factors.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Communicate effectively with a range of audiences.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Acquire and apply new knowledge as needed, using appropriate learning strategies.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Understand the chemical engineering curriculum, including advanced chemistry, material & energy balances, safety and environmental factors, heat, mass, and momentum transfer, chemical reaction engineering, separation processes, process dynamics and control, modern experimental and computing techniques, and process design.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

AY2019 Chemical Engineering Program Exit Survey

Name: Michael Sullivan

Date: 10 MAY

**Part II. Open questions.**

What was your favorite course in the chemical engineering program?

CH 459

What was your least favorite course in the program? What would you change about it?

XE 472 - its already been changed

MC300 - terrible teacher and, f seemed like a waste of time

Other than courses, was there any aspect of the program you particularly enjoyed? (i.e., AIADs, research, club, faculty and cadet interactions outside the classroom, etc.)

AIAD's, some of the best faculty @ USMA

Projecting ahead 6-8 years, do you think you would be interested in returning to West Point as an instructor if you are still in the Army? If so, would you like us to contact you?

No. I would like to be at ac not an instructor

Do you plan on leaving the Army after your service obligation, and if so, what is your desired profession?

Not sure yet.