

SURVEY HIGHLIGHTS:

“Cadet interactions outside the classroom absolutely made this program like no other.”

“The Firstie class ChemE’s are pretty close. We have a group chat and it is awesome. I also love the instructors. Although the classes were difficult, the instructors were absolutely amazing. I am actually going to miss the instructors.”

“We were very close as a year group and developed very strong friendships. Likewise, the faculty invested so much of their time and energy into us as people, not just as cadets.”

“The faculty for the ChemE department is amazing. They’re super helpful and feel like family.”

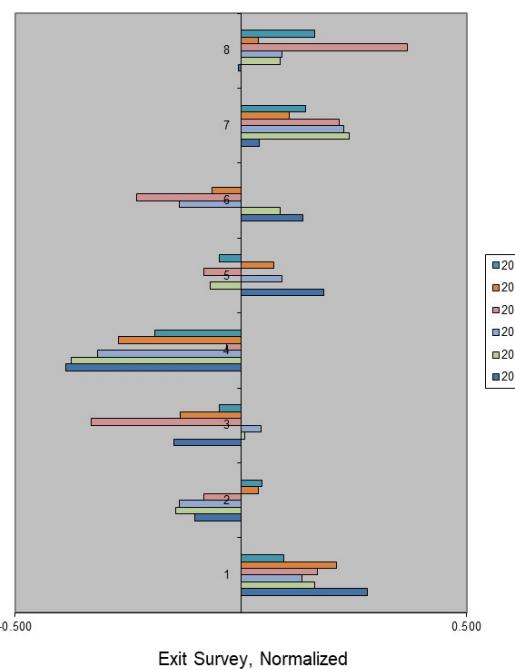
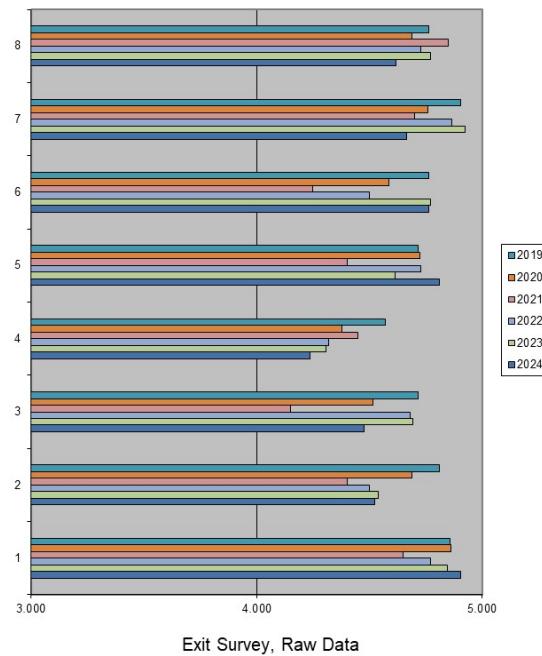
“Beer! Kicking Mule.”

“I loved all the faculty and family atmosphere ChemE provided. The material was fantastic, the instructors were extremely accessible, and the students were high achievers in everything.”

PART 1. STUDENT OUTCOMES (Numerical Results)

	AY24-2	mean	st. dev.	5	4	3	2	1
1	The program has prepared me to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	4.905	0.301	19	2	0	0	0
2	The program has prepared me to 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.	4.524	0.602	12	8	1	0	0
3	The program has prepared me to communicate effectively with a range of audiences.	4.476	0.512	10	11	0	0	0
4	The program has prepared me 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.	4.238	0.768	9	8	4	0	0
5	The program has prepared me to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	4.810	0.402	17	4	0	0	0
6	The program has prepared me to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	4.762	0.539	17	3	1	0	0
7	The program has prepared me to acquire and apply new knowledge as needed, using appropriate learning strategies.	4.667	0.483	14	7	0	0	0
8	The program has prepared me to understand the chemical engineering curriculum, including chemistry, material & energy balances, safety & environmental factors, thermodynamics of physical & chemical equilibria, heat, mass, & momentum transfer, chemical reaction engineering, continuous & staged separation processes, process dynamics & control, modern experimental & computing techniques, and process design.	4.619	0.498	13	8	0	0	0
	Survey Mean:	4.625	0.513					

PART 1. STUDENT OUTCOMES (Year-to-Year Trending)



PART 2. OPEN QUESTIONS

What was your favorite course in the chemical engineering program?

Bennett: Heat and Mass Transfer.

Benson: Separations.

Cesarski: Separations.

Goulet: CH363.

Johnson: CH402 and CH363.

Kotkin: CH459.

Milanesa: I loved controls (CH367). COL James is absolutely amazing and teaches well.

Weathers: Separations.

Weaver: Heat and Mass Transfer.

Baldwin: Separations.

Behr: Despite not being good at the course, I found heat transfer to be extremely interesting. Likewise, I loved seps.

Cianfaglione: Separations.

Dolin: Separations.

Ibrahimi: CH367.

Morrall: CH459.

Mossman: I liked the content in CH459, but not the work.

Murray: Heat and Mass Transfer, CH485.

Onaga: Heat and Mass Transfer.

Patel: CH485.

Sullivan: Separation Processes (CH363).

Williams: Process Controls.

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

Bennett: MC300. Just a complete and utter waste of time. There were no questions on the FE that I didn't have the knowledge to solve.

Benson: Controls. Just felt like it moved really fast. Start slow and then speed up later on.

Cesarski: Reactions. I would include more hands-on experimentation with all courses.

Goulet: OChem. I had a personal schedule first semester cow year that made the Thayer method of learning unreasonable. The only teaching in the course were the questions students asked. But if students didn't know what questions to ask, we did not learn the important details needed to understand the fundamentals of mechanisms.

Johnson: MC300 – make this a “pick additional engineering courses.”

Kotkin: ME362. Too focused on deriving equations and not actually applying the equations.

Milanesa: I personally hated orgo purely because it was crammed in with other difficult courses first semester cow year.

Weathers: Organic Chemistry. I would change when the course is taken (earlier).

Weaver: MC300.

Baldwin: CH459 just because it was a lot of work and was kind of a drag after lunch which I know isn't something that can be changed.

Behr: Orgo I because of the lack of time during the semester to prepare for it. I know I could've done a lot better if I had taken it Yearling year when I had far less responsibility.

Cianfaglione: Controls, it was just hard to understand how it was taught / homework load.

Dolin: Reactions. Not a fan of complex rate laws. Maybe introduce the concepts a little more prior to the course.

Ibrahimi: EE302 → not make us take the class 😊 . ME362 → I feel like how the class was structured and taught (focusing on conceptual stuff since if you understand stuff conceptually you can supposedly solve the numerical problems about it) did not prepare us for the FE, or to utilize that class in other cheme courses.

Morrall: ME301. Teaches us same material as CH365. Unnecessary introduction to thermodynamics.

Mossman: XE310 → not really tied to cheme. MC300 → repetitive.

Murray: CH364, change the

Onaga: Chem E Thermo.

Patel: CH364. More coherent slide deck / example problems.

Sullivan: Probably Heat and Mass Transfer just due to the complexity of some of the equations.
I wish that we could have a semester of heat transfer and a semester of mass transfer.

Williams: MC300. I would replace it with a different, applicable MechE course or with PChem.

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.)

Bennett: Cadet interactions outside the classroom absolutely made this program like no other.

Benson: I really enjoyed my AIAD. I also liked getting to be involved in the majors fair with my fellow ChemEs.

Cesarski: I loved my AIAD in the KMA in Seoul, South Korea.

Goulet: The camaraderie was awesome. The instructors were very personable & helped us learn.

Johnson: All ChemE faculty.

Kotkin: I enjoyed doing research, the field trips as we were all close.

Milanesa: The Firstie class ChemE's are pretty close. We have a group chat and it is awesome. I also love the instructors. Although the classes were difficult, the instructors were absolutely amazing. I am actually going to miss the instructors.

Weathers: The faculty and cadets are fantastic.

Weaver: Research, the professors, the students.

Baldwin: The faculty and the cadets in my classes truly made this a fun and rewarding experience.

Behr: We were very close as a year group and developed very strong friendships. Likewise, the faculty invested so much of their time and energy into us as people, not just as cadets.

Cianfaglione: The faculty for the ChemE department is amazing. They're super helpful and feel like family.

Dolin: Instructors, research, AIAD, and fellow students (team effort).

Ibrahimi: The trip sections were awesome. Recommend doing more of them. Faculty was awesome. Always willing to help and very understanding.

Morrall: Trip sections: microbrewery, refinery, biotechnology (Boston). Cadet interactions. Faculty.

Mossman: AIAD @ Boston companies. Faculty!

Murray: The research, faculty, and how the cadets interact with each other all were very positive aspects of the program.

Onaga: Beer! Kicking Mule.

Patel: I particularly liked the teachers and the small class sizes; I like how collaboration is encouraged.

Sullivan: I loved all the faculty and family atmosphere ChemE provided. The material was fantastic, the instructors were extremely accessible, and the students were high achievers in everything.

Williams: Research and AIADs were a big part of satisfying intellectual curiosity outside of the course material. I loved my LNLL AIAD. Cadet and faculty culture is phenomenal.

Projecting ahead 6-8 years, do you think you would you 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	No	Possibly
Bennett	✓		
Benson			✓
Cesarski	✓		
Goulet		✓	
Johnson	✓		
Kotkin			✓
Milanesa			✓
Weathers	✓		
Weaver	✓		
Baldwin	✓		
Behr	✓		
Cianfaglione			✓
Dolin			✓
Ibrahimi	✓		
Morrall		✓	
Mossman			✓
Murray	✓		
Onaga	✓		
Patel	✓		
Sullivan	✓		
Williams	✓		
Totals	13	2	6

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

Bennett: No, but I would like to work as a chemical engineer.

Benson: I am not sure yet. I am leaning towards getting out but may stay longer for GI bill. When I get out, I would like to do something with my chemical engineering degree.

Cesarski: Maybe, big oil head.

Goulet: Too early to tell, I have no idea.

Johnson: Maybe - unsure.

Kotkin: I might depend on opportunities. To try to get into a 3 letter agency.

Milanesa: I am locked in for ≈9 years so that is a bit down the road for me.

Weathers: To soon to say with Aviation ADSO and likelihood of reaching 20 yrs. anyway.

Weaver: Maybe, Engineering Manager at a biotech company.

Baldwin: I am unsure. My desired profession is likely either being a pilot or work in management of an aviation manufacturer or petroleum / chemical company.

Behr: No. I currently plan on staying beyond the service obligation. I want to eventually end up in Boston for research. Likewise, I may drop a packet for the 75th depending on where I set in 5 years w/ family planning.

Cianfaglione: Possibly, unless the Army sends me to school. I would like to go to grad school for something STEM but not ChemE specific.

Dolin: Not sure yet but hoping to work in analytics or in the computer environment while also flying on the side.

Ibrahimi: There is a chance I leave the Army after my obligation and go to grad school. Still trying to figure out what I want to be when I grow up ... (If you have any recommendations, please let me know).

Morrall: I do plan on leaving the Army. My desired profession is to be a doctor.

Mossman: I am unsure; I would like to work at the Marathon refinery with my mother.

Murray: Yes. I want to go into pharmaceuticals.

Onaga: Yes. I plan to spend some time as a ChemE somewhere in industry. Ultimate goal is to be self-employed.

Patel: Yes. I want to go to grad school; don't know what I want to do yet.

Sullivan: I have 12 years already so it is hard to tell now where life will have me but if I do get out, I would like to get into refining.

Williams: I am not sure. If I leave the Army, I will enter the family business selling lab equipment or enter the bioengineering industry.

AY2024 Chemical Engineering Program Exit Survey

Name: Summer Bennett

Today's Date: 5/9/24

Part I. Student Outcomes. Check the box that most closely represents your opinion of the program as a whole.

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"/>

AY2024 Chemical Engineering Program Exit Survey

Name: _____

Today's Date: _____

Part II. Open questions.

What was your favorite course in the chemical engineering program?

heat and mass transfer

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

MC 300. Just a complete and utter waste of time. There were no questions on the FE that I didn't have the knowledge to solve

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.)

Cadet interactions outside the classroom absolutely made this program like no other

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. Call 240-496-9070

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

No but I would like to work as a chemical engineer

AY2024 Chemical Engineering Program Exit Survey

Name: Annika Benson

Today's Date: 8 May 2024

Part I. Student Outcomes. Check the box that most closely represents your opinion of the program as a whole.

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 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 checked="" type="checkbox"/>	<input type="checkbox"/>

AY2024 Chemical Engineering Program Exit Survey

Name: _____

Today's Date: _____

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?

Controls,

Just felt like it moved really fast, start slow then speed up later on.

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 really enjoyed my AIAD. I also liked getting to be involved in the majors fair with my fellow ChemE's.

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, then yes. Please feel free to contact me.

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

I am not sure yet. I am leaning towards getting out but may stay longer for G.I. bill. When I get out I would like to do something with my chemical engineering degree.

AY2024 Chemical Engineering Program Exit Survey

Name: Walter Lohrsga

Today's Date: 5/4

Part I. Student Outcomes. Check the box that most closely represents your opinion of the program as a whole.

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 checked="" type="checkbox"/>	<input 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 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 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 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 checked="" type="checkbox"/>	<input type="checkbox"/>

AY2024 Chemical Engineering Program Exit Survey

Name: _____

Today's Date: _____

Part II. Open questions.

What was your favorite course in the chemical engineering program?

Severations

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

Reactions, I would include more on-hand experimentation with all classes.

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 my ~~AIAD~~ to
the KMA in Seoul, South Korea

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.

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

Maybe, big oil head.

AY2024 Chemical Engineering Program Exit SurveyName: Mason GouletToday's Date: 8 May 2024

Part I. Student Outcomes. Check the box that most closely represents your opinion of the program as a whole.

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 checked="" type="checkbox"/>	<input 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 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 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 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"/>

AY2024 Chemical Engineering Program Exit Survey

Name: Mason Goulet

Today's Date: 8 May 2024

Part II. Open questions.

What was your favorite course in the chemical engineering program?

CH363

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

OChem. I had a personal schedule first semester my year that made the Thayer Method of learning unreasonable. The only teaching in the course were the questions students asked. But if students didn't know what questions to ask, we did not learn the important details needed to understand the fundamentals of Mechanisms.

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 comradarie was awesome. The instructors were very personable & helped us learn.

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 have a family or job, I will

No.

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

Too early to tell, I have no idea.

AY2024 Chemical Engineering Program Exit Survey

Name: Caleb Johnson

Today's Date: _____

Part I. Student Outcomes. Check the box that most closely represents your opinion of the program as a whole.

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"/>

AY2024 Chemical Engineering Program Exit Survey

Name: Caleb Johnson

Today's Date: _____

Part II. Open questions.

What was your favorite course in the chemical engineering program?

CH402 / CH363

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

MC300 - make this a "pick additional engineering courses"

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.)

All ChemE 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?

Yes, and Yes!

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

Maybe - unsure

AY2024 Chemical Engineering Program Exit Survey

Name: Jonah Kotlein

Today's Date: 8 May 24

Part I. Student Outcomes. Check the box that most closely represents your opinion of the program as a whole.

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 checked="" type="checkbox"/>	<input 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 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 checked="" type="checkbox"/>	<input type="checkbox"/>

AY2024 Chemical Engineering Program Exit Survey

Name: Jonah Mottkin

Today's Date: 8 May 24

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?

ME360, too focused on deriving equations and not actually applying the equations.

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 doing research, the field trips, and the cadets as we were all 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?

Depending on what happens I would be interested. I would want to be contacted but I'm not set on teaching yet.

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

I might depending on opportunities. To try to get into a 3 letter agency.

AY2024 Chemical Engineering Program Exit Survey

Name: Abigail Milaneso

Today's Date: 8 MAY 2024

Part I. Student Outcomes. Check the box that most closely represents your opinion of the program as a whole.

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 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 checked="" type="checkbox"/>	<input type="checkbox"/>

T
I
would
like
to
take
the
CEE
again

AY2024 Chemical Engineering Program Exit Survey

Name: Abigail Milanesa

Today's Date: 8 MAY 2024

Part II. Open questions.

What was your favorite course in the chemical engineering program?

I loved controls (CH367) Col James is absolutely amazing and teaches well.

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

I personally hated Orgo purely because it was crammed in with other ~~other~~ difficult course first semester last year.

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 firstie class ChemE's are pretty close. We have a group chat and it is awesome. I also love the instructors. Although the classes were difficult, the instructors were absolutely amazing. I am actually going to miss the 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?

I could possibly (probably) be interested to come back and teach

Abby.milanesa@gmail.com
(831) 998-3733

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

I am locked in for ~9 years so that is a bit down the road for me.

AY2024 Chemical Engineering Program Exit SurveyName: Brady WeathersToday's Date: 08 MAY 24**Part I. Student Outcomes.** Check the box that most closely represents your opinion of the program as a whole.

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"/>	<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"/>	<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 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 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 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"/>	<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 type="checkbox"/>	<input checked="" type="checkbox"/>

AY2024 Chemical Engineering Program Exit Survey

Name: Brady Weathers

Today's Date: 08MAY24

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?

Organic Chemistry. I would change when the class is taken (earlier).

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 are fantastic.

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 would like to be contacted.

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

Too soon to say with the Aviation ADSO and likelihood of reaching 20 yrs anyways.

AY2024 Chemical Engineering Program Exit Survey

Name: Tristan Weaver

Today's Date: _____

Part I. Student Outcomes. Check the box that most closely represents your opinion of the program as a whole.

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"/>

AY2024 Chemical Engineering Program Exit Survey

Name: _____

Today's Date: _____

Part II. Open questions.

What was your favorite course in the chemical engineering program?

heat + mass transfer

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

MC300

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, The professors, The students

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?

Maybe, Engineering manager at a biotech company,

AY2024 Chemical Engineering Program Exit SurveyName: Sam BaldwinToday's Date: 8 MAY 24

Part I. Student Outcomes. Check the box that most closely represents your opinion of the program as a whole.

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"/>

AY2024 Chemical Engineering Program Exit Survey

Name: Sam Baldwin

Today's Date: 8 MAY 24

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?

*CH459 just because it was a lot of work and
was kind of a drag after lunch which I know isn't
something that can be changed.*

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 the cadets in my class
truly made this a fun and rewarding experience.*

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?

*I am unsure. My desired profession is likely
either being a pilot or work in management of
an aviation manufacturer or petroleum/chemical company.*

AY2024 Chemical Engineering Program Exit Survey

Name: Alisan Behr

Today's Date: 08 APR 2024

Part I. Student Outcomes. Check the box that most closely represents your opinion of the program as a whole.

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 checked="" type="checkbox"/>	<input 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 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 checked="" type="checkbox"/>	<input type="checkbox"/>

AY2024 Chemical Engineering Program Exit Survey

Name: Alisan Behr

Today's Date: 08 APR 24

Part II. Open questions.

What was your favorite course in the chemical engineering program?

Despite not being good at the course, I found heat transfer to be extremely interesting. Likewise, I loved Seqs.

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

Organic I because of lack of time during the semester to prepare for it. I know I could've done a lot better if I took it Yearlong year when I had far less responsibility.

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.)

We were very close as a year group and developed very strong friendships. Likewise, the faculty invested so much of their time & energy into us as people, not just as 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, I think I will be interested in coming back to West Point. I want to pursue Bio-Med Engineering and would love to inspire cadets the same way I was... the IoT behind a curtain.

Do you plan on leaving the Army after your service obligation, and if so, what is your desired profession? No, I currently plan on staying beyond the service obligation. I want to eventually end up in Boston for research. Likewise, I may drop a packet for the PhD depending on where I'm at in 5 years w/ family planning.

AY2024 Chemical Engineering Program Exit Survey

Name: Bridget Crantagirane

Today's Date: 8 May 2024

Part I. Student Outcomes. Check the box that most closely represents your opinion of the program as a whole.

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 checked="" type="checkbox"/>	<input 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 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 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 checked="" type="checkbox"/>	<input type="checkbox"/>

AY2024 Chemical Engineering Program Exit Survey

Name: _____

Today's Date: _____

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?

Controls, it was just hard to understand how it was taught / homework load

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 for the ChemE department is amazing, they're super helpful and feels like family.

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 like to but I'm not great at ChemE academically.

I will likely come back as a TAC, Contact via LinkedIn.

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

Possibly, unless the Army sends me to school. I would like to go to grad school for something STEM but not ChemE specific.

AY2024 Chemical Engineering Program Exit Survey

Name: Blaire Polk

Today's Date: 5/8/24

Part I. Student Outcomes. Check the box that most closely represents your opinion of the program as a whole.

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"/>

AY2024 Chemical Engineering Program Exit Survey

Name: Blair Polito

Today's Date: 5/18/24

Part II. Open questions.

What was your favorite course in the chemical engineering program?

Sep reactions

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

*Reactions, not a fan of complex
rate laws. maybe introduce the concepts
a little more prior to the 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.)

*Instructors, Research, AIADs, and follow
students (team effort)*

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?

*Dependings on my branch, assignment,
job, and family life; yes. sure*

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

*Not sure yet, but hoping to
work in energetics or in the corporate
environment while also flying on the
side.*

AY2024 Chemical Engineering Program Exit Survey

Name: Vesa Ibrahim

Today's Date: 08 May 24

Part I. Student Outcomes. Check the box that most closely represents your opinion of the program as a whole.

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 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 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 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 checked="" type="checkbox"/>	<input type="checkbox"/>

AY2024 Chemical Engineering Program Exit Survey

Name: _____

Today's Date: _____

Part II. Open questions.

What was your favorite course in the chemical engineering program?

CH367

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

EE301 → not make us take the class
ME362 → I feel like how the class was structured and taught
(focusing on conceptual stuff since if you understand stuff conceptually
you can supposedly solve all numerical problems about it) did not
prepare us for the FE, or to utilize that class in other chem
classes

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 trip sections were awesome. Recomend doing more of them
- Faculty was awesome. Always willing to help and very understanding

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 not sure if there would be a way to take that work
with me being in the Kosovo military, but if there's a
way I'd love to come back.
Pos Not sure if my class rank supports me coming back

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

There is a chance I leave the Army after my obligation
and go to grad school.
Still trying to figure out what I want to be
when I grow up... (If you have any recommendations
please let me know).

AY2024 Chemical Engineering Program Exit Survey

Name: Ryan Morrall

Today's Date: 5-8-2024

Part I. Student Outcomes. Check the box that most closely represents your opinion of the program as a whole.

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"/>

AY2024 Chemical Engineering Program Exit Survey

Name: Ryan Morrall

Today's Date: 5-8-2024

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?

~~CH301~~ ME301. Taxes on same material as CH365. ~~Unnecessary~~

Unnecessary introduction to thermodynamics.

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.)

Trip Sections: Microbrewery, Refinery, Biotechnology (Boston)

Cadet Interactions

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?

No, possibly way down the line to teach anatomy like Dr. Beiter.

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

I do plan on leaving the Army. My desired profession is to be a doctor.

AY2024 Chemical Engineering Program Exit Survey

Name: Emilee MassmanToday's Date: 5/18/24

Part I. Student Outcomes. Check the box that most closely represents your opinion of the program as a whole.

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 checked="" type="checkbox"/>	<input 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 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"/>

AY2024 Chemical Engineering Program Exit Survey

Name: Emilee Moseman

Today's Date: 5/18/24

Part II. Open questions.

What was your favorite course in the chemical engineering program?

I liked the content in CH459, but not the work

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

XE310 → not really tied to Chem

ME300 → repetitive

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 @ Boston companies

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?

I might be interested; you can contact me

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

I am unsure; I would like to work @ Marathon refinery w/
my mother

AY2024 Chemical Engineering Program Exit Survey

Name: Sean Murphy

Today's Date: 8 MAY

Part I. Student Outcomes. Check the box that most closely represents your opinion of the program as a whole.

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"/>

AY2024 Chemical Engineering Program Exit Survey

Name: Jen Murray

Today's Date: 8 May 24

Part II. Open questions.

What was your favorite course in the chemical engineering program?

Heat + Mass Transfer C4485

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

CH364, change the

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 research, faculty, and how the cadets interact with each other all were very positive aspects of the program

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?

Yes, I want to go into pharmaceuticals

AY2024 Chemical Engineering Program Exit Survey

Name: Maxwell Onyango

Today's Date: 08 May

Part I. Student Outcomes. Check the box that most closely represents your opinion of the program as a whole.

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 checked="" type="checkbox"/>	<input 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 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"/>

AY2024 Chemical Engineering Program Exit Survey

Name: Maxwell Draga

Today's Date: 08 May

Part II. Open questions.

What was your favorite course in the chemical engineering program?

Heat & Mass Transfer

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

Chem E Therm

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.)

Beer! Kicking Mule

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 still in Army, Yes,

Please feel free to contact.

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

Yes. I plan to spend sometime as a Chem E somewhere in industry. Ultimate goal is to be self-employed

AY2024 Chemical Engineering Program Exit Survey

Name: Ananya Patel

Today's Date: _____

Part I. Student Outcomes. Check the box that most closely represents your opinion of the program as a whole.

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 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"/>

AY2024 Chemical Engineering Program Exit Survey

Name: Avery Patel

Today's Date: _____

Part II. Open questions.

What was your favorite course in the chemical engineering program?

CH485

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

CH364, more coherent slide deck/example 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.)

I particularly liked the teachers and the small class sizes;
I like how collaboration is encouraged

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, if I am still in the Army

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

yes, I want to go to grad school; don't know
what I want to do yet.

AY2024 Chemical Engineering Program Exit SurveyName: Michael SullivanToday's Date: 8 MAY**Part I. Student Outcomes.** Check the box that most closely represents your opinion of the program as a whole.

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 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 checked="" type="checkbox"/>	<input type="checkbox"/>

AY2024 Chemical Engineering Program Exit Survey

Name: Michael Sullivan

Today's Date: 8 MAY

Part II. Open questions.

What was your favorite course in the chemical engineering program?

Separations Processes (CH363)

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

Probably Heat and Mass transfer just due to the complexity of some of the equations. I wish that we could have a semester of heat transfer and a semester of mass transfer.

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.)

Loved all the faculty and the family atmosphere ChemE provided. The material was fantastic, the instructors were extremely accessible and the students were high achievers in everything.

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 would love to be contacted!

Do you plan on leaving the Army after your service obligation, and if so, what is your desired profession? I have 12 years already so its hard to tell now where life will have me but if I do get out I would like to get into refining.

AY2024 Chemical Engineering Program Exit SurveyName: Michael WilliamsToday's Date: 8 MAY 24**Part I. Student Outcomes.** Check the box that most closely represents your opinion of the program as a whole.

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 checked="" type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>

AY2024 Chemical Engineering Program Exit Survey

Name: Michael Williams

Today's Date: 08 May 24

Part II. Open questions.

What was your favorite course in the chemical engineering program?

Process Controls

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

MC300. ~~Computer~~ I would replace it with a different, applicable MechE course or with Pchem.

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 and AIADs were a big part of satisfying intellectual curiosity outside of the course material. I loved my UNCL AIAD. Cadet and faculty culture is also phenomenal.

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 would love to further my education in ChemE, mentor cadets, and contribute to the program that made my time at West Point more enjoyable.

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

I am not sure. If I leave the Army I will enter the family business selling lab equipment or enter the bioengineering industry.