

## AY2018 Chemical Engineering Program Exit Survey

Name: Max BraghinaDate: 10 May 18**Part I. Student Outcomes.** Check the box that most closely represents your opinion.

| The program has prepared me to:   | Strongly Disagree        | Neutral                  | Strongly Agree                      |
|---|--------------------------|--------------------------|-------------------------------------|
| • Apply knowledge of math, science, and engineering   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| • Design and conduct experiments as well as analyze and interpret data.                                     | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| • Design a system, component, or process.   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| • Function on multidisciplinary teams   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| • Identify, formulate, and solve engineering problems.  | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| • Understand my professional and ethical responsibilities.  | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| • Communicate effectively.  | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| • Understand the impact of engineering solutions in a global economic, environmental, and societal context. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| • Engage in continuing intellectual development (lifelong learning).  | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| • Understand contemporary issues.   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| • Understand and use techniques, skills, and modern engineering tools necessary for engineering practice.   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| • Understand and apply mathematics and basic chemical and physical sciences.                                | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Name: maximillian Boaganza

Date: 10 May 18

**Part II. Open questions.**

What was your favorite course in the chemical engineering program?

CH362

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

CH485

↳ nothing

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.)

variety of courses outside of my  
major

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 about chemical Engineering,  
only combatives please

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

NO, I'm staying in until  
they tell me to pack my bags  
and go

## AY2018 Chemical Engineering Program Exit Survey

Name: Gage Callahan

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

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

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|---|--------------------------|--------------------------|-------------------------------------|-------------------------------------|
|   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| - Apply knowledge of math, science, and engineering   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| - Design and conduct experiments as well as analyze and interpret data.                                     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| - Design a system, component, or process.   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| - Function on multidisciplinary teams   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| - Identify, formulate, and solve engineering problems.  | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| - Understand my professional and ethical responsibilities.  | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| - Communicate effectively.  | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| - Understand the impact of engineering solutions in a global economic, environmental, and societal context. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| - Engage in continuing intellectual development (lifelong learning).  | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| - Understand contemporary issues.   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| - Understand and use techniques, skills, and modern engineering tools necessary for engineering practice.   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| - Understand and apply mathematics and basic chemical and physical sciences.                                | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |

AY2018 Chemical Engineering Program Exit Survey

Name: George Gallahan

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

**Part II. Open questions.**

What was your favorite course in the chemical engineering program?

*on Thermodynamics*

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

*Mass & Energy Balance  
More interesting/challenging.*

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 was fun  
Cadets are close throughout major.*

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?

*I do not know.*

Name: Batkunyor, ChaynaaDate: 10 MAY

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

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AY2018 Chemical Engineering Program Exit Survey

Name: Bakhshangor, Chagnaa

Date: 10MAY

Part II. Open questions.

What was your favorite course in the chemical engineering program?

CH364

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

CH445. I liked the content. But, I believe it was too fast paced.

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.)

Purdue AIAD

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 am not sure.

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

I am not sure here either.

Name: Taylor ChambersDate: 10 MAY 18**Part I. Student Outcomes.** Check the box that most closely represents your opinion.

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## AY2018 Chemical Engineering Program Exit Survey

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

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

### Part II. Open questions.

What was your favorite course in the chemical engineering program?

CH365

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

CH454 - Better expectations of final report / projects  
- Requirements changed up to day of submission

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 cadets in the major are very tight-nit. I have bonded with my classmates over the course of the major

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; I plan on either staying in the Army or pursuing a career in policy-making

Name: CooperDate: 10 MAY 2018

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

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| • Understand my professional and ethical responsibilities.  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
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| • Understand and apply mathematics and basic chemical and physical sciences.                                | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |

**AY2018 Chemical Engineering Program Exit Survey**

Name: Cooper

Date: 10 May 2018

**Part II. Open questions.**

What was your favorite course in the chemical engineering program?  
<sup>(s)</sup>  
CH365, CH459, ? CH902

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

CH363  
↳ The instructor (MAJ winter) did a very poor job teaching separations.

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.

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'm not sure, but, I'm not ruling it out entirely.  
Tentatively, yes, please contact me.

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

Not sure for both questions

## AY2018 Chemical Engineering Program Exit Survey

Name: ENGLAND

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

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

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|---|--------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| - Apply knowledge of math, science, and engineering   | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| - Design and conduct experiments as well as analyze and interpret data.                                     | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| - Design a system, component, or process.   | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| - Function on multidisciplinary teams   | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| - Identify, formulate, and solve engineering problems.  | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| - Understand my professional and ethical responsibilities.  | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |
| - Communicate effectively.  | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| - Understand the impact of engineering solutions in a global economic, environmental, and societal context. | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| - Engage in continuing intellectual development (lifelong learning).  | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| - Understand contemporary issues.   | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |
| - Understand and use techniques, skills, and modern engineering tools necessary for engineering practice.   | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| - Understand and apply mathematics and basic chemical and physical sciences.                                | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |

**AY2018 Chemical Engineering Program Exit Survey**

Name: ENGLAND

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

**Part II. Open questions.**

What was your favorite course in the chemical engineering program?

CH364 / MC311

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

CH363, take it later in one academic career

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 access for AI

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?

I don't know, but eventually a lawyer.

## AY2018 Chemical Engineering Program Exit Survey

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Name: Danny GrayDate: 10/14/18**Part I. Student Outcomes.** Check the box that most closely represents your opinion.

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|---|--------------------------|--------------------------|-------------------------------------|-------------------------------------|
| • Apply knowledge of math, science, and engineering   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| • Design and conduct experiments as well as analyze and interpret data.                                     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| • Design a system, component, or process.   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
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| • Understand my professional and ethical responsibilities.  | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| • Communicate effectively.  | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| • Understand the impact of engineering solutions in a global economic, environmental, and societal context. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| • Engage in continuing intellectual development (lifelong learning).  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| • Understand contemporary issues.   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| • Understand and use techniques, skills, and modern engineering tools necessary for engineering practice.   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| • Understand and apply mathematics and basic chemical and physical sciences.                                | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |

AY2018 Chemical Engineering Program Exit Survey

Name: Danny Gray

Date: 10 APR

**Part II. Open questions.**

What was your favorite course in the chemical engineering program?

*XE472*

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

*CH400 → slow down when reading problems or don't read at all.*

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.)

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?

*I don't know, but eventually I want to teach*

## AY2018 Chemical Engineering Program Exit Survey

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

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|---|--------------------------|--------------------------|-------------------------------------|
| • Apply knowledge of math, science, and engineering   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
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**AY2018 Chemical Engineering Program Exit Survey**

Name: Glinski, Denis

Date: 10 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?

Separations: I would change The Theory/Application balance.

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 all Faculty, fellow students, & being a part of AIChE

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?

I do, I plan on transitioning to a three letter agency

Name: Srujan HartasDate: 10 MAY 18**Part I. Student Outcomes.** Check the box that most closely represents your opinion.

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AY2018 Chemical Engineering Program Exit Survey

Name: Sawyer Hartman

Date: 10 MAY 18

Part II. Open questions.

What was your favorite course in the chemical engineering program?

CH365, it was when I finally began to understand how everything we have learned comes together.

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

MC300 - Not take it or take another mech class.

Dynamics possibly, I really enjoyed 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.)

My AIAD - ARL biochemistry, it was an awesome broadening 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?

I'd be interested depending on where I am with my family.

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

Potentially, depends on how my first 5 years is.

I have no idea beyond that.

## AY2018 Chemical Engineering Program Exit Survey

Name: Danielle HechtDate: 10 MAY 2018**Part I. Student Outcomes.** Check the box that most closely represents your opinion.

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| • Understand my professional and ethical responsibilities.  | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| • Communicate effectively.  | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |
| • Understand the impact of engineering solutions in a global economic, environmental, and societal context. | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| • Engage in continuing intellectual development (lifelong learning).  | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| • Understand contemporary issues.   | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| • Understand and use techniques, skills, and modern engineering tools necessary for engineering practice.   | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| • Understand and apply mathematics and basic chemical and physical sciences.                                | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |

**AY2018 Chemical Engineering Program Exit Survey**

Name: Danielle Hecht

Date: 10 MAY 2018

**Part II. Open questions.**

What was your favorite course in the chemical engineering program?

CH402, I loved the capstone

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

XE472, needs to be focussed on Chemical problems  
MC300, not relevant, it's a civil course

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 to the Army Ammunition Plant in Radford, VA  
I love projectiles!

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 in teaching. Contact me.

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

If I do leave the Army I would like to work in government weapon's research as a chemical engineer.

Name: Colt Horton

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

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

| <b>The program has prepared me to:</b>  | <b>Strongly Disagree</b> | <b>Neutral</b>                      | <b>Strongly Agree</b>               |
|---|--------------------------|-------------------------------------|-------------------------------------|
|   | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| • Apply knowledge of math, science, and engineering   | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| • Design and conduct experiments as well as analyze and interpret data.                                     | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| • Design a system, component, or process.   | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| • Function on multidisciplinary teams   | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| • Identify, formulate, and solve engineering problems.  | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| • Understand my professional and ethical responsibilities.  | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| • Communicate effectively.  | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| • Understand the impact of engineering solutions in a global economic, environmental, and societal context. | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| • Engage in continuing intellectual development (lifelong learning).  | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| • Understand contemporary issues.   | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| • Understand and use techniques, skills, and modern engineering tools necessary for engineering practice.   | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| • Understand and apply mathematics and basic chemical and physical sciences.                                | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |

**AY2018 Chemical Engineering Program Exit Survey**

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

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

**Part II. Open questions.**

What was your favorite course in the chemical engineering program?

Mass + Energy

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

Separations

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 interaction / CDT study groups

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?

probably not but TBD

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

TBD, as of now, no.

## AY2018 Chemical Engineering Program Exit Survey

Name: Mahr, HughDate: 10 MAY 18**Part I. Student Outcomes.** Check the box that most closely represents your opinion.

| The program has prepared me to:   | Strongly Disagree        | Neutral                  | Strongly Agree                      |                                     |
|---|--------------------------|--------------------------|-------------------------------------|-------------------------------------|
| - Apply knowledge of math, science, and engineering   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| - Design and conduct experiments as well as analyze and interpret data.                                     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| - Design a system, component, or process.   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| - Function on multidisciplinary teams   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| - Identify, formulate, and solve engineering problems.  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| - Understand my professional and ethical responsibilities.  | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| - Communicate effectively.  | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| - Understand the impact of engineering solutions in a global economic, environmental, and societal context. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| - Engage in continuing intellectual development (lifelong learning).  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| - Understand contemporary issues.   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| - Understand and use techniques, skills, and modern engineering tools necessary for engineering practice.   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| - Understand and apply mathematics and basic chemical and physical sciences.                                | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |

AY2018 Chemical Engineering Program Exit Survey

Name: Mark, Hugh

Date: 10 MAY 18

Part II. Open questions.

What was your favorite course in the chemical engineering program?

Heat & Mass Transfer or Chem Reactions Engineering

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

MC300 → Felt it was an exhaustive use  
of time & covering content went from 1<sup>st</sup> in  
PH202. Got rid of 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.)

Research, it gave me time to attack  
an interesting topic with my friends and to  
broaden my knowledge.

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, would love to teach. Please  
contact me.

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

Not sure about my future, but if I  
do leave then I plan on entering  
the Environmental Conservation Field.

## AY2018 Chemical Engineering Program Exit Survey

Name: BRYCE MAGGRADate: 10 MAY 18**Part I. Student Outcomes.** Check the box that most closely represents your opinion.

| The program has prepared me to:   | Strongly Disagree        | Neutral                  | Strongly Agree                      |
|---|--------------------------|--------------------------|-------------------------------------|
| • Apply knowledge of math, science, and engineering   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| • Design and conduct experiments as well as analyze and interpret data.                                     | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| • Design a system, component, or process.   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| • Function on multidisciplinary teams   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| • Identify, formulate, and solve engineering problems.  | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| • Understand my professional and ethical responsibilities.  | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| • Communicate effectively.  | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| • Understand the impact of engineering solutions in a global economic, environmental, and societal context. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| • Engage in continuing intellectual development (lifelong learning).  | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| • Understand contemporary issues.   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| • Understand and use techniques, skills, and modern engineering tools necessary for engineering practice.   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| • Understand and apply mathematics and basic chemical and physical sciences.                                | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

## AY2018 Chemical Engineering Program Exit Survey

Name: BRIAN MAGURA

Date: 10 MAY 18

### Part II. Open questions.

What was your favorite course in the chemical engineering program?

CH400

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

SEPARATIONS, ADD ANOTHER SEMESTER

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, FACULTY, 3 CROBS ALL GREAT

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?

YES, CHEMICAL ENGINEERING

## AY2018 Chemical Engineering Program Exit Survey

Name: O'Brien, Sean

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

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

| The program has prepared me to:   | Strongly Disagree        | Neutral                             | Strongly Agree                      |
|---|--------------------------|-------------------------------------|-------------------------------------|
| • Apply knowledge of math, science, and engineering   | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| • Design and conduct experiments as well as analyze and interpret data.                                     | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| • Design a system, component, or process.   | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| • Function on multidisciplinary teams   | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| • Identify, formulate, and solve engineering problems.  | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| • Understand my professional and ethical responsibilities.  | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| • Communicate effectively.  | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| • Understand the impact of engineering solutions in a global economic, environmental, and societal context. | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| • Engage in continuing intellectual development (lifelong learning).  | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| • Understand contemporary issues.   | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| • Understand and use techniques, skills, and modern engineering tools necessary for engineering practice.   | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| • Understand and apply mathematics and basic chemical and physical sciences.                                | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |

AY2018 Chemical Engineering Program Exit Survey

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

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

**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?

CH459,

I love the course but the time / credit hour balance wasn't there

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 excellent.
- Faculty relationships with cadets were excellent
- AIAD program needs improvements with industry over research labs in order to be useful. I recommend reaching out to AOB to see if any graduates are working for Dow, Shell, Oxy etc.

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 the keep this option open.

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

I have an ADSO for up to 7 years. I would like to work in commodities (fuel) trading or business. However, my current path likely has me going into the intelligence field.

## AY2018 Chemical Engineering Program Exit Survey

Name: Pontus DavidDate: 10 MAY 18**Part I. Student Outcomes.** Check the box that most closely represents your opinion.

| The program has prepared me to:   | Strongly Disagree        | Neutral                  | Strongly Agree                      |                                     |
|---|--------------------------|--------------------------|-------------------------------------|-------------------------------------|
| - Apply knowledge of math, science, and engineering   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| - Design and conduct experiments as well as analyze and interpret data.                                     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| - Design a system, component, or process.   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| - Function on multidisciplinary teams   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| - Identify, formulate, and solve engineering problems.  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| - Understand my professional and ethical responsibilities.  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| - Communicate effectively.  | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| - Understand the impact of engineering solutions in a global economic, environmental, and societal context. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| - Engage in continuing intellectual development (lifelong learning).  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| - Understand contemporary issues.   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| - Understand and use techniques, skills, and modern engineering tools necessary for engineering practice.   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| - Understand and apply mathematics and basic chemical and physical sciences.                                | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |

Name: Pontius, David

Date: 10 MAY 18

**Part II. Open questions.**

What was your favorite course in the chemical engineering program?

CH402: culminating class that ties in all other ChemE courses in addition to understanding the financial aspects,

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

XE472: Would like to see a controls course that focuses on chemical engineering control processes.

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 are incredibly knowledgeable and skilled.  
In addition, very caring of cadets. Thank you!

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! Teaching Chemistry would be awesome!  
Yes please!

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

Not really. Anything can happen in 5 years though.  
Would probably look for a business profession.

## AY2018 Chemical Engineering Program Exit Survey

Name: DAN RABBIA

Date: 10/14/18

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

| The program has prepared me to:   | Strongly Disagree        | Neutral                  | Strongly Agree           |                                     |
|---|--------------------------|--------------------------|--------------------------|-------------------------------------|
| • Apply knowledge of math, science, and engineering   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| • Design and conduct experiments as well as analyze and interpret data.                                     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| • Design a system, component, or process.   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| • Function on multidisciplinary teams   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| • Identify, formulate, and solve engineering problems.  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| • Understand my professional and ethical responsibilities.  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| • Communicate effectively.  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| • Understand the impact of engineering solutions in a global economic, environmental, and societal context. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| • Engage in continuing intellectual development (lifelong learning).  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| • Understand contemporary issues.   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| • Understand and use techniques, skills, and modern engineering tools necessary for engineering practice.   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| • Understand and apply mathematics and basic chemical and physical sciences.                                | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

AY2018 Chemical Engineering Program Exit Survey

Name: DAN RABBIA

Date: 10 MAY 18

Part II. Open questions.

What was your favorite course in the chemical engineering program?

Hard to say — CH365, CH459, or CH402

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

CH XE472 → it's already changed to CH367  
so I don't have any further recommendation

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.)

Independent research is the best, and I would highly recommend everyone at least try 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?

Yes. Very much so. I want to come back & teach — Dr. Nagelli and I have begun to gameplan this.

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

No idea for the future. I know I want to teach here, but beyond that, I will go with the flow.

## AY2018 Chemical Engineering Program Exit Survey

Name: Shaw, Turner

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

**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"/> |
| • Apply knowledge of math, science, and engineering   | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| • Design and conduct experiments as well as analyze and interpret data.                                     | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| • Design a system, component, or process.   | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| • Function on multidisciplinary teams   | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| • Identify, formulate, and solve engineering problems.  | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| • Understand my professional and ethical responsibilities.  | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| • Communicate effectively.  | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| • Understand the impact of engineering solutions in a global economic, environmental, and societal context. | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |
| • Engage in continuing intellectual development (lifelong learning).  | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| • Understand contemporary issues.   | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| • Understand and use techniques, skills, and modern engineering tools necessary for engineering practice.   | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| • Understand and apply mathematics and basic chemical and physical sciences.                                | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |

**AY2018 Chemical Engineering Program Exit Survey**

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

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

**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?

Heat Transfer → Get a different book

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 is awesome. Outstanding officers to learn from and civilians to grab a beer with and talk about ChemE stuff

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, but West Point would find it difficult to invite me back in any academic capacity after my performance here.

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

I have no clue at this point. I don't care about money, I will do whatever sounds the most enjoyable to me and my family.

## AY2018 Chemical Engineering Program Exit Survey

Name: Mollie ShepardDate: 10 May 2018**Part I. Student Outcomes.** Check the box that most closely represents your opinion.

| The program has prepared me to:   | Strongly Disagree        | Neutral                  | Strongly Agree                      |                                     |
|---|--------------------------|--------------------------|-------------------------------------|-------------------------------------|
| - Apply knowledge of math, science, and engineering   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| - Design and conduct experiments as well as analyze and interpret data.                                     | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| - Design a system, component, or process.   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| - Function on multidisciplinary teams   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| - Identify, formulate, and solve engineering problems.  | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| - Understand my professional and ethical responsibilities.  | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| - Communicate effectively.  | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| - Understand the impact of engineering solutions in a global economic, environmental, and societal context. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| - Engage in continuing intellectual development (lifelong learning).  | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| - Understand contemporary issues.   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| - Understand and use techniques, skills, and modern engineering tools necessary for engineering practice.   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| - Understand and apply mathematics and basic chemical and physical sciences.                                | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |

## AY2018 Chemical Engineering Program Exit Survey

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

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

### Part II. Open questions.

What was your favorite course in the chemical engineering program?

Although it was the first course, I did really enjoy CH362 as I started the major.

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

I was not a big fan of XE478, but the changes to a more chem E focus will definitely be beneficial.

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.)

Tight knit group of cadets always willing to help each other out.

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'd would not turn down the opportunity.

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

I'll be in for awhile, so I'm not sure at the moment but management/involvement in engineering companies would be desirable.

## AY2018 Chemical Engineering Program Exit Survey

Name: Jiffarm, TristanDate: 10.MAY.2018**Part I. Student Outcomes.** Check the box that most closely represents your opinion.

| The program has prepared me to:   | Strongly Disagree        | Neutral                  | Strongly Agree                      |
|---|--------------------------|--------------------------|-------------------------------------|
| - Apply knowledge of math, science, and engineering   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| - Design and conduct experiments as well as analyze and interpret data.                                     | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| - Design a system, component, or process.   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| - Function on multidisciplinary teams   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| - Identify, formulate, and solve engineering problems.  | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| - Understand my professional and ethical responsibilities.  | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| - Communicate effectively.  | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| - Understand the impact of engineering solutions in a global economic, environmental, and societal context. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| - Engage in continuing intellectual development (lifelong learning).  | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| - Understand contemporary issues.   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| - Understand and use techniques, skills, and modern engineering tools necessary for engineering practice.   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| - Understand and apply mathematics and basic chemical and physical sciences.                                | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

AY2018 Chemical Engineering Program Exit Survey

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

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

**Part II. Open questions.**

What was your favorite course in the chemical engineering program?

CH402. It feels as if everything before that is a standalone class while you add everything together.

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

CH363. I think Calc 3 would get more out of the class if it came later in their academic career

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 seem to genuinely care about Cadets and the small program size makes Cadets grow closer together. I greatly value the friends I have made in the program and I think that the ChEg program improved my experience at West Point

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?

Sure, but I don't know if you guys would want me back. If so, I would like to

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

I plan on leaving when I no longer enjoy the Army. After that I think I would like to work in a refinery, if possible.

Name: Colin StoneDate: 10 May 18**Part I. Student Outcomes.** Check the box that most closely represents your opinion.

| The program has prepared me to:   | Strongly Disagree        | Neutral                  | Strongly Agree                      |
|---|--------------------------|--------------------------|-------------------------------------|
| • Apply knowledge of math, science, and engineering   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| • Design and conduct experiments as well as analyze and interpret data.                                     | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| • Design a system, component, or process.   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| • Function on multidisciplinary teams   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| • Identify, formulate, and solve engineering problems.  | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| • Understand my professional and ethical responsibilities.  | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| • Communicate effectively.  | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| • Understand the impact of engineering solutions in a global economic, environmental, and societal context. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| • Engage in continuing intellectual development (lifelong learning).  | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| • Understand contemporary issues.   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| • Understand and use techniques, skills, and modern engineering tools necessary for engineering practice.   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| • Understand and apply mathematics and basic chemical and physical sciences.                                | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

## AY2018 Chemical Engineering Program Exit Survey

Name: Colin Stone

Date: 10/14/18

### Part II. Open questions.

What was your favorite course in the chemical engineering program?

CH365 - Chemical Engineering Thermodynamics

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

CH362 - lots of focus on MATLAB that I did not  
use again at that level afterward.

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 opportunities all 4 years.

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?

Yes, undecided.

## AY2018 Chemical Engineering Program Exit Survey

Name: Madison TurnerDate: 16 MAY 18**Part I. Student Outcomes.** Check the box that most closely represents your opinion.

| The program has prepared me to:   | Strongly Disagree        | Neutral                  | Strongly Agree                      |                                     |
|---|--------------------------|--------------------------|-------------------------------------|-------------------------------------|
| - Apply knowledge of math, science, and engineering   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| - Design and conduct experiments as well as analyze and interpret data.                                     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| - Design a system, component, or process.   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| - Function on multidisciplinary teams   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| - Identify, formulate, and solve engineering problems.  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| - Understand my professional and ethical responsibilities.  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| - Communicate effectively.  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| - Understand the impact of engineering solutions in a global economic, environmental, and societal context. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| - Engage in continuing intellectual development (lifelong learning).  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| - Understand contemporary issues.   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| - Understand and use techniques, skills, and modern engineering tools necessary for engineering practice.   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| - Understand and apply mathematics and basic chemical and physical sciences.                                | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |

**AY2018 Chemical Engineering Program Exit Survey**

Name: Madison Turner

Date: 10 MAY 2018

**Part II. Open questions.**

What was your favorite course in the chemical engineering program?

CH365

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

CH363 - Separations

Maj. Winter was not the best instructor & I felt like I taught myself. I would ensure the instructor is well versed and that the labs are more hands on. I learned more about seps. in CH459 & CH402 than in CH363.

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 → Purdue & R.E.G.

-Chocolate Making

-Phenomenal senior instructors → LTC Bull, LTC Armstrong,  
Dr. Blagdon

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 definitely won't dismiss the opportunity, so tentatively yes.

Madison.l.turner5.mil@mail.mil or turnerml95@gmail.com

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

As of right now, yes. I'm very interested in a career in the intelligence field i.e. CIA, FBI, DIA.