ACADEMIC RECORD OF:

CLASS OF: 2020

ENTERED: 27 JUN 16

DATE: 27 MAY 20



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|----------------|---|--------------|----------|----------------------|---|--------------|----------|
| COURSE | COURSE | CREDIT | LETTER | COURSE | COURSE | CREDIT | LETTER |
| NUMBER | TITLE | HOURS | GRADE | NUMBER | TITLE | HOURS | GRADE |
| SUMMER 1 | | | CH363 | SEPARATION PROCESSES | 3 50 | B+ | |
| MD100 | CADET BASIC TRAINING | 0 00 | P | CH383 | ORGANIC CHEMISTRY I | 3 50 | В- |
| QPA | CUR 0 00 CUM 0 00 | | | EE301 | FUNDAMENTALS OF ELEC ENGIN | 3 50 | B+ |
| Q | | | | MC311 | THERMAL-FLUID SYSTEMS I | 3 50 | В |
| 1ST TERM | 2016-2017 DEAN'S LIST | | | MD301 | 2ND CLASS MILITARY PERF I | 0 00 | B- |
| EN101 | COMPOSITION | 3 00 | B- | MS300 SS202 | PLATOON OPERATIONS AMERICAN POLITICS | 1 50 3 00 | B- C+ |
| EV203 | PHYSICAL GEOGRAPHY | 3 00 | В | OPA | CUR 2 93 CUM 2 90 | 3 00 | Ci |
| HI105 | HISTORY OF THE UNITED STATES | 3 00 | В | QIA | COR 2.93 COM 2.90 | | |
| IT105 | INTRO TO COMPUTING & INFO TECH | 3 00 | B- | 2ND TEDA | M 2018-2019 DEAN'S LIST | | |
| MA103 | MATH MODELING/INTRO CALCULUS | 4 50 | A- | CH364 | CHEMICAL REACTION ENGINEERING | 3 50 | В |
| MD101 | 4TH CLASS MILITARY PERF I | 0 00 | В | CH364 CH367 | INTRO / AUTOMATIC PROC CONTROL | 3 00 | В |
| MS100 | INTRODUCTION TO WARFIGHTING | 1 50 | B+ | MC300 | FUND OF ENGR MECH AND DESIGN | 3 00 | B+ |
| PE116 | BOXING | 0 50 | В | MC312 | THERMAL-FLUID SYSTEMS II | 3 00 | B+ |
| QPA | CUR 3 08 CUM 3 08 | | | MD302 | 2ND CLASS MILITARY PERF II | 0 00 | В |
| | | | | PE238 | GOLF | 0 50 | A- |
| 2ND TERM | 2016-2017 | | | PE360 | COMBAT APPLICATIONS | 0 50 | C+ |
| CH151 | ADV GENERAL CHEMISTRY I | 4 00 | B+ | PL300 | MILITARY LEADERSHIP | 3 00 | B- |
| EN102 | LITERATURE | 3 00 | C- | SS307 | INTERNATIONAL RELATIONS | 3 00 | B- |
| HI108E | RGNL STUD WORLD HIST - E ASIA | 3 00 | B- | QPA | CUR 3 00 CUM 2 92 | | |
| MA104 | CALCULUS I | 4 50 | B- | | | | |
| MD102 PE117 | 4TH CLASS MILITARY PERF II MILITARY MOVEMENT | 0 00 0 50 | B- B | SUMMER | TERM 2019-2020 | | |
| PL100 | GENERAL PSYCHOLOGY FOR LEADERS | 3 00 | В- | MD300 | WEST POINT DETAIL CHAIN OF CMD | 0 00 | B- |
| QPA | CUR 2 66 CUM 2 87 | 3 00 | Ъ- | MD400 | CDT TRP LEADERSHIP TNG (CTLT) | 0 00 | P |
| QIA | COR 200 COM 287 | | | QPA | CUR 0 00 CUM 2 92 | | |
| SUMMER 1 | TERM 2017-2018 | | | | | | |
| MD200 | CADET FIELD TRAINING | 0 00 | | 1ST TERM | 1 2019-2020 DEAN'S LIST | | |
| ML100 | INTRO TO WARFIGHTING LAB | 0 00 | A- B+ | CH365 | CHEMICAL ENG THERMODYNAMICS | 3 00 | A- |
| QPA | | 0 00 | В | CH459 | CHEM ENGR LABORATORY | 3 50 | A- |
| QFA | CUR 0 00 CUM 2 87 | | | CH485 | HEAT AND MASS TRANSFER | 3 50 | В |
| 1ST TERM | 2017 2018 | | | EM411 | PROJECT MANAGEMENT | 3 50 | A- |
| | | 4.00 | D | EM420 | PRODUCTION OPERATIONS MGMT | 3 00 | A- |
| CH102 LG203 | GENERAL CHEMISTRY II GERMAN I (STANDARD) | 4 00 4 00 | B B+ | MD401 | 1ST CLASS MILITARY PERF I | 0 00 | B+ |
| MA205 | CALCULUS II | 4 00 | C+ | PE450 | ARMY FITNESS DEVELOPMENT | 1 50 | B+ |
| MD201 | 3RD CLASS MILITARY PERF I | 0 00 | C+ | QPA | CUR 3 51 CUM 3 00 | | |
| MS200 | FUNDAMENTALS OF SMALL UNIT OPS | 1 50 | A- | | | | |
| PE215 | FUNDAMENTALS/PERSONAL FITNESS | 1 50 | B- | 2ND TERN | M 2019-2020 DEAN'S LIST | | |
| PE322 | SURVIVAL SWIMMING - HIGH | 0 50 | B+ | CH400 | CHEM ENG PROFESSIONAL PRACTICE | 1 50 | C+ |
| PH205 | PHYSICS I | 4 00 | B- | CH402 | CHEM ENG PROCESS DESIGN | 3 50 | B+ |
| PY201 | PHILOSOPHY & ETHICAL REASONING | 3 00 | B- | HI302 | HIST OF MIL ART 1900- PRESENT | 3 00 | A- |
| QPA | CUR 2 87 CUM 2 87 | | | LW403 | CONSTITUTIONAL/MILITARY LAW | 3 00 | В |
| | | | | MD402 MX400 | 1ST CLASS MILITARY PERF II OFFICERSHIP | 0 00 3 00 | B- A- |
| 2ND TERM | 1 2017-2018 | | | SE301 | FNDTN ENGIN DSGN & SYS MGMT | 3 00 | B+ |
| CH362 | MASS & ENERGY BALANCES | 3 50 | B+ | QPA | CUR 3 30 CUM 3 03 | 3 00 | ъ. |
| LG204 | GERMAN II (STANDARD) | 4 00 | В | QIA | CON 330 COM 303 | | |
| MA206 | PROBABILITY & STATISTICS | 3 00 | B+ | | | | |
| MA364 | ENGINEERING MATHEMATICS | 3 00 | C+ | | | | |
| MD202 | 3RD CLASS MILITARY PERF II | 0 00 | С | | | | |
| PH206 | PHYSICS II | 4 00 | В | | | | |
| SS201 | ECONOMICS-PRINCIPLES/PROBLEMS | 3 00 | В- | | | | |
| QPA | CUR 2 96 CUM 2 89 | | | | | | |
| SUMMER T | TERM 2018-2019 | | | | | | |
| ML300 | CLDT LAB | 0 00 | B- | | | | |
| QPA | CUR 0 00 CUM 2 89 | | | | | | |
| | | | | | | | |

OFFICE OF THE DEAN ACADEMIC AFFAIRS AND REGISTRAR SERVICES UNITED STATES MILITARY ACADEMY WEST POINT, NEW YORK 10996-5000

TRANSCRIPT EXPLANATION - Classes of 2013 to Present

Accreditation. The United States Military Academy is accredited by the Middle States Commission on Higher Education, 3624 Market Street, Philadelphia, PA 19104. (267-284-5000) The Middle States Commission on Higher Education is an institutional accrediting agency recognized by the U.S. Secretary of Education and the Council for Higher Education Accreditation. The following USMA majors are and have been continuously accredited by the Engineering Accreditation Commission of ABET, http://www.abet.org since the initial date shown: Chemical Engineering, October 1, 2012; Civil Engineering, October 1, 1985; Electrical Engineering, October 1, 1985; Engineering Management, October 1, 1985; Environmental Engineering, October 1, 1995; Mechanical Engineering, October 1, 1985; Nuclear Engineering, October 1, 2007; Systems Engineering, October 1, 1995. The following USMA majors are and have been continuously accredited by the Computing Accreditation Commission of ABET, http://www.abet.org since the initial date shown: Computer Science, October 1, 1997; Information Technology, October 1, 2007. The USMA major, Geospatial Information Science, is accredited by the United States Geospatial Intelligence Foundation, http://www.usgif.org, continuously since May 1, 2010. The Chemistry Major with Honors track is approved by the Committee on Professional Training of the American Chemical Society continuously since April 25, 2013.

<u>Grades.</u> Standard letter grades, A+ through F, are used at the United States Military Academy. Several other grades with special meanings may be shown on a transcript. "V" represents course validation (see below); "W" is withdrawal; "NC" is no credit; "I" is a conditional grade; "T" represents transfer credit for Semester Abroad Course. Satisfactory completion of specified requirements will cause a subsequent entry of a letter grade. An "I" (Incomplete) grade which is not resolved by the end of a second subsequent term should be interpreted as an "F".

<u>Credit Hour.</u> Courses are weighted by the number of attendances in a semester of approximately sixteen weeks. One classroom hour normally requires two hours of out of class preparation time. A course meeting 40 times a semester carries a credit hour weight of 3.0. One laboratory hour normally requires one half hour of out of class preparation time. Thus a course of 40 lessons and 7 two-hour labs carries a credit hour weight of 3.5.

Scholastic Average (QPA). Quality points are assigned to letter grades as shown below. The Quality Point Average (QPA) is a weighted average computed using the course credit hours and quality points earned: QPA = Σ (Quality points * credit hours) \div Credit hours. Cadets may remediate one or more grades of "D" or "F" in a course by repeating that course or a closely related course with a higher grade. In such cases, the credit hours and quality points earned on the subsequent attempt replace those of the earlier attempt(s) in computation of the Cumulative Academic Quality Point Average.

| <u>Grade</u> | Qual Points |
|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|
| A+ | 4.33 | B+ | 3.33 | C+ | 2.33 | D | 1.00 |
| A | 4.00 | В | 3.00 | C | 2.00 | F/I | 0.00 |
| A- | 3.67 | B- | 2.67 | C- | 1.67 | | |

<u>Distinguished Cadet.</u> The achievement of an Academic Performance Score of 3.67 or better during an academic year, either cumulatively or for the year.

<u>Dean's List.</u> Cadets earning a term QPA of at least 3.00 are awarded Dean's List recognition for that term. Cadets who receive a grade of "F" or "NC" and still have a term QPA of a least 3.00 are not awarded Dean's List recognition, with the exception that cadets receiving a "NC" grade in a Physical Education course for injury or medical reasons will not be so penalized.

<u>Graduation Requirements.</u> To graduate, a cadet must successfully complete a minimum of 40 academic courses of 3.0 or higher credit hours, and achieve a Cumulative Quality Point Average of at least 2.00. The course requirement consists of a prescribed core curriculum and the course requirements for a major; successful completion of Military Science and Physical Education requirements; and demonstrated standards of conduct, moral qualities, traits of character and leadership. Graduates are awarded the Bachelor of Science degree.

<u>Validation</u>. Validation is the waiver of enrollment in a prescribed course on the basis of prior satisfactory completion of an equivalent course, or satisfactory demonstration of content knowledge and skills to the department concerned. Courses validated are recorded on the transcript with a "V" grade. The credit hour content of validated courses, as published in the Academic Program, are recognized as contributing appropriate disciplinary content towards meeting programmatic rigor and may be applied for accreditation purposes.