ACADEMIC RECORD OF:

CLASS OF: 2020

ENTERED: 27 JUN 16

DATE: 20 AUG 20



COURSE	COURSE	CREDIT	LETTER	COURSE	COURSE	CREDIT LETTE			
NUMBER	TITLE	HOURS	GRADE	NUMBER	TITLE	HOURS GRADI			
SUMMER T	TERM 2016-2017			1ST TERM	2018-2019 DEAN'S LIST				
MD100	CADET BASIC TRAINING	0 00	P	CH363	SEPARATION PROCESSES	3 50 B+			
QPA	CUR 0 00 CUM 0 00	0 00	•	CH383	ORGANIC CHEMISTRY I	3 50 C+			
QI.II	cen 000 cen 000			EE301	FUNDAMENTALS OF ELEC ENGIN	3 50 B+			
1ST TERM	2016-2017 DEAN'S LIST			HI302	HIST OF MIL ART 1900- PRESENT	3 00 B			
EN101	COMPOSITION	3 00	В	MC311	THERMAL-FLUID SYSTEMS I	3 50 B+			
EV203	PHYSICAL GEOGRAPHY	3 00	В	MD301	2ND CLASS MILITARY PERF I	0 00 B			
HI105	HISTORY OF THE UNITED STATES	3 00	B-	PE360	COMBAT APPLICATIONS	0 50 A			
IT105	INTRO TO COMPUTING & INFO TECH	3 00	B+	QPA	CUR 3 09 CUM 3 21				
MA103	MATH MODELING/INTRO CALCULUS	4 50	A						
MD101	4TH CLASS MILITARY PERF I	0 00	В	2ND TERM	1 2018-2019				
MS100	INTRODUCTION TO WARFIGHTING	1 50	B+	CH364	CHEMICAL REACTION ENGINEERING	3 50 B			
PE109	FUNDAMENTALS OF AQUATICS	0 50	C	CH367	INTRO / AUTOMATIC PROC CONTROL	3 00 B-			
QPA	CUR 3 24 CUM 3 24			MC312	THERMAL-FLUID SYSTEMS II	3 00 B			
				MD302	2ND CLASS MILITARY PERF II	0 00 B+			
2ND TERM	I 2016-2017 DEAN'S LIST			ME472	ENERGY CONVERSION SYSTEMS	3 00 B			
CH101	GENERAL CHEMISTRY I	4 00	B-	MS300	PLATOON OPERATIONS	1 50 A-			
EN102	LITERATURE	3 00	A-	PE222 PL300	BADMINTON/PICKLEBALL MILITARY LEADERSHIP	0 50 A- 3 00 B-			
HI108L	RGNL STUD WORLD HIST - L AMER	3 00	C+			3 00 B-			
MA104	CALCULUS I	4 50	В	QPA	CUR 2 96 CUM 3 17				
MD102	4TH CLASS MILITARY PERF II	0 00	A-	CHMMED	TEDM 2010 2020				
PE116	BOXING	0 50	B+		TERM 2019-2020				
PE117	MILITARY MOVEMENT	0 50	C	MD400	CDT TRP LEADERSHIP TNG (CTLT)	0 00 P			
PL100	GENERAL PSYCHOLOGY FOR LEADERS	3 00	A	ML300	CLDT LAB	0 00 C+			
QPA	CUR 3 07 CUM 3 16			QPA	CUR 0 00 CUM 3 17				
SUMMER T	TERM 2017-2018			1ST TERM	1 2019-2020 DEAN'S LIST				
MD200	CADET FIELD TRAINING	0 00	В	CH365	CHEMICAL ENG THERMODYNAMICS	3 00 A-			
ML100	INTRO TO WARFIGHTING LAB	0 00	B+	CH459	CHEM ENGR LABORATORY	3 50 A-			
QPA	CUR 0 00 CUM 3 16			CH485	HEAT AND MASS TRANSFER	3 50 A-			
Q				LW403	CONSTITUTIONAL/MILITARY LAW	3 00 B-			
1ST TERM	2017-2018 DEAN'S LIST			MC300	FUND OF ENGR MECH AND DESIGN	3 00 A			
CH102	GENERAL CHEMISTRY II	4 00	B+	MD401	1ST CLASS MILITARY PERF I	0 00 A			
LS371	INTENSIVE INTERMEDIATE SPANISH	4 00	A-	PE450	ARMY FITNESS DEVELOPMENT	1 50 B			
MA205	CALCULUS II	4 00	В	QPA	CUR 3 50 CUM 3 22				
MD201	3RD CLASS MILITARY PERF I	0 00	A-						
MS200	FUNDAMENTALS OF SMALL UNIT OPS	1 50	B-	2ND TERM	1 2019-2020				
PE215	FUNDAMENTALS/PERSONAL FITNESS	1 50	B^{+}	CH400	CHEM ENG PROFESSIONAL PRACTICE	1 50 B			
PH205	PHYSICS I	4 00	B-	CH402	CHEM ENG PROCESS DESIGN	3 50 B-			
PY251	ADVANCED PHILOSOPHY AND ETHICS	3 00	В	EE360	DIGITAL LOGIC W/ EMBEDDED SYS	3 50 B			
SS202	AMERICAN POLITICS	3 00	B+	MC380	ENGINEERING MATERIALS	3 50 B+			
QPA	CUR 3 15 CUM 3 15			MD402	1ST CLASS MILITARY PERF II	0 00 B-			
				MX400	OFFICERSHIP	3 00 B			
2ND TERM	I 2017-2018 DEAN'S LIST			SS307	INTERNATIONAL RELATIONS	3 00 B-			
CH362	MASS & ENERGY BALANCES	3 50	$\mathbf{B}+$	QPA	CUR 2 95 CUM 3 18				
LS372	SPANISH FOR ORAL & WRIT COMM	3 00	B+	on . n					
MA206	PROBABILITY & STATISTICS	3 00	A		TED 23 MAY 20 WITH BACHELOR OF SCIENC	CE DEGREE			
MA364	ENGINEERING MATHEMATICS	3 00	\mathbf{B} +	CHEMICA	L ENGINEERING				
MD202	3RD CLASS MILITARY PERF II	0 00	B-						
PH206	PHYSICS II	4 00	A-						
SS201	ECONOMICS-PRINCIPLES/PROBLEMS	3 00	B+						
QPA	CUR 3 50 CUM 3 24								
SUMMER TERM 2018-2019									
MD300	WEST POINT DETAIL CHAIN OF CMD	0 00	В						
QPA	CUR 0 00 CUM 3 24		*						

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	<u>Grade</u>	Qual Points	<u>Grade</u>	Qual Points	<u>Grade</u>	<u>Oual Points</u>
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.