



UNITED STATES AIR FORCE ACADEMY

Office of the Registrar

Transcript

Name: FRYER, BRYON KENT JR

Student ID No: 136-84-2431

Degree: BACHELOR OF SCIENCE

27-MAY-2009

Major(s): COMPUTER SCIENCE, CYBER WARFARE OPTION

Academic Order of Merit: 316/ 1058

Class of: 2009

Date Entered USAF Academy: 30-JUN-2005

High School: SUSQUEHANNA TOWNSHIP HS
HARRISBURG, PENNSYLVANIA

High School Graduation: 2005

Commissioned: US Air Force

27-MAY-2009

Date of Birth: 17-JUN-1987

Place of Birth: SOMERS POINT, NEW JERSEY

Graduation Recognition:

COURSE	DESCRIPTIVE TITLE	HRS	GRADE	GPTS	COURSE	DESCRIPTIVE TITLE	HRS	GRADE	GPTS
SUMMER TERM 2005									
MILTNG 100	BASIC CADET TRAINING	100	P		ARMNSHP 251	SOARING STUDENT	3.00	P	
PHYED 100	BASIC PHYSICAL TNG	100	P		BIOLOGY 215	INTRO TO BIOLOGY W/LAB	3.00	B+	9.90
FALL SEMESTER 2005									
CHEM 141	APPLICATIONS OF CHEM I	3.00	B	9.00	COMPSCI 220	DATA ABSTRACTION	3.00	B	9.00
ENGLISH 111	INTRO/COMP & RESEARCH	3.00	A-	11.10	COMPSCI 351	COMP ORG/ARCHITECT I	3.00	B-	8.10
HISTORY 101	MODERN WORLD HISTORY	3.00	C+	6.90	ELENGR 215	ELECTRIC SIGNALS/SYSTMS	3.00	A	12.00
MATH 141	CALCULUS I	3.00	A	12.00	MATH 340	DISCRETE MATHEMATICS	3.00	B-	8.10
MSS 100	MILIT. THEORY/STRATEGY	3.00	B	9.00	PHYED 222	WATER SURVIVAL	.50	A	2.00
PHYED 110	BOXING	.50	B-	1.35	PHYSICS 215	GENERAL PHYSICS II	3.00	B+	9.90
SEM-HRS 15.50	SEM-GPA 3.18	CUM-HRS 15.50		CUM-GPA 3.18	SEM-HRS 18.50	SEM-GPA 3.19	CUM-HRS 74.50		CUM-GPA 3.01
DEAN'S HONOR LIST									
SPRING SEMESTER 2006									
BEHSCI 110	INTRO. BEHAV. SCI/LDRS	3.00	B-	8.10	MILTNG 201	OPERATION 3RD LT	3.00	P	
CHEM 142	APPLICATION OF CHEM II	3.00	B-	8.10	MILTNG 402	BCT CADRE (2ND BCT)	3.00	P	
COMPSCI 110	INTRO TO COMPUTING	3.00	A	12.00	MILTNG 444	SUMMER LEAVE	3.00	P	
ENGR 100	INTRO TO ENGR. SYSTEMS	3.00	B	9.00					
MATH 142	CALCULUS II	3.00	B+	9.90					
PHYED 112	PHYSICAL DEVELOPMENT	.50	C+	1.15					
READSKLS 103	READING ENHANC/4TH CL	2.00	P						
SOCSCL 112	GEOPOLITICS	3.00	B-	8.10					
SEM-HRS 20.50	SEM-GPA 3.05	CUM-HRS 36.00		CUM-GPA 3.11	SEM-HRS 18.50	SEM-GPA 3.15	CUM-HRS 93.00		CUM-GPA 3.04
DEAN'S HONOR LIST									
SUMMER TERM 2006									
ARMNSHP 490	BASIC FREEFALL PARA	100	P						
MILTNG 101	OPERATION NON-COM	100	P						
MILTNG 260	GLOBAL ENGAGEMENT	100	P						
MILTNG 444	SUMMER LEAVE	100	P						
		CUM-HRS 36.00		CUM-GPA 3.11					
FALL SEMESTER 2006									
COMPSCI 210	INTRO TO PROGRAMMING	3.00	C+	6.90					
ECON 200	INTRO TO ECONOMICS	2.00	B-	5.40					
ELENGR 281	INTRO DIGITAL SYSTEMS	3.00	A-	11.10					
ENGLISH 211	LIT. & INTERMED COMPOS	3.00	B-	8.10					
ENGRMECH 120	FUND OF MECHANICS	3.00	B-	8.10					
MGT 200	INTRODUCTION TO MGT.	2.00	B-	5.40					
PHYED 111	SWIMMING	.50	B-	1.50					
PHYED 340	RACQUETBALL	.50	B-	1.35					
PHYSICS 110	GENERAL PHYSICS I	3.00	C	6.00					
SEM-HRS 20.00	SEM-GPA 2.69	CUM-HRS 56.00		CUM-GPA 2.95	SEM-HRS 19.00	SEM-GPA 3.33	CUM-HRS 112.00		CUM-GPA 3.09
DEAN'S AND COMMANDANT'S HONOR LISTS									
SPRING SEMESTER 2008									
COMPSCI 364	INFO STORAGE & RETRIEV	3.00	A-	11.10					
COMPSCI 431	CRYPTOGRAPHY	3.00	A-	11.10					
COMPSCI 467	COMPUTER NETWORKS	3.00	A-	11.10					
COMPSCI 499	UAV SYSTEMS DIGITAL INTEGRATION	3.00	A	12.00					
	AND FLIGHT CONTROL								
ENGR 210	AIR BASE DESIGN & PERFORMANCE	3.00	C+	6.90					
HISTORY 202	INTRO TO MIL HISTORY	3.00	B-	8.10					
PHYED 215	UNARMED COMBAT I	.50	B+	1.65					
PHYED 315	UNARMED COMBAT II	.50	B-	1.35					
SEM-HRS 19.00	SEM-GPA 3.33	CUM-HRS 112.00			CUM-GPA 3.09				
DEAN'S AND COMMANDANT'S HONOR LISTS									

DATE PRINTED: 24-JUL-2012

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PAGE NUMBER: 1 of 2

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Dean H. Wilson, Associate Dean for Student Academic Affairs and Academy Registrar

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Accreditation

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Calendar

The academic year at the Air Force Academy consists of a summer term (9 weeks), a fall semester, and a spring semester (17 weeks of instruction and one week of final examinations each). During 1959-1961, the academic year was divided into a summer term, fall and springs semesters, and a May term.

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Academic Credit

Three semester hours of credit represents one course that meets for 50 – 55 minutes 40 times per semester with 100 – 110 minutes of preparation prior to each class meeting.

For the class of 1977 through 1989, cadets normally were required to take two prescribed math courses each semester of their first year. The courses were offered sequentially, each for one half of the semester; therefore, it was possible for a cadet to fail and repeat the same course in one semester. There were several half-semester courses for which a cadet could receive a final grade at mid-semester.

Grading System

All calculations are figured on the 4-point system explained below. The +/- system began with the 1988-89 academic year.

A	4.0 grade points per semester hour
A-	3.7 grade points per semester hour
B+	3.3 grade points per semester hour
B	3.0 grade points per semester hour
B-	2.7 grade points per semester hour
C+	2.3 grade points per semester hour
C	2.0 grade points per semester hour
C-	1.7 grade points per semester hour
D	1.0 grade points per semester hour
F	No grade points
I	Incomplete; no grade points (hours not included in GPA)
P	Passing (hours not included in GPA)
W	Withdrawn/dropped (hours not included in GPA)
WP	Withdrawn passing (hours not included in GPA)
WF	Withdrawn failing (hours not included in GPA)
X	Credit by examination (hours not included in GPA)

Explanation of Symbols

The following symbols may appear in the grade column:

R	Indicates a course has been repeated
N	Indicates a course in progress
H	Indicates an honors course
S	Indicates an Academy Scholars Program course

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Cumulative Grade Point Average

Beginning in fall 1980, a cadet may repeat any course if the repeat does not delay graduation. Semester hours and quality points for up to 13.0 semester hours of repeat courses are counted once in computing cumulative GPA; only the repeated grade and associated quality points are used. Beyond 13.0 semester hours of repeated course work, both the original and repeat semester hours and quality points are calculated in cumulative GPA. All courses attempted and grades earned are on the transcript.

Transfer Credit

Cadets are granted transfer course credit for corresponding courses in the USAFA curriculum. The Academy equivalent course is shown in the Course column.

Merit Lists

Beginning with the fall semester 1972, cadets earning merit list recognition are identified on the transcript for this achievement as follows:

Dean's List: demonstration of excellence in studies with a semester grade point average (GPA) of at least 3.00. Beginning with the fall semester 1993, Phy Ed grades are not calculated in the GPA to determine eligibility for Dean's List.

Commandant's List: demonstration of excellence in leadership qualities. Beginning with spring semester 1980, a semester military performance average (MPA) of at least 3.00 was required. In spring semester 1995, the standard changed to the top 25% by class with a minimum of 3.00 MPA. In 2006, the requirement reverted to a minimum 3.00 MPA. In fall 2009, the standard became the top 33% by class with a minimum 3.00 MPA.

Athletic Director's List: demonstration of excellence in athletics and physical fitness with at least 3.00 physical education average (PEA). This list was created fall semester 1993.

Superintendent's List: demonstration of excellence in studies and leadership qualities. Beginning the fall semester 1993, the Superintendent's List also includes excellence in athletics and physical fitness.

Graduation/Academic Order of Merit

Prior to the 1966-67 academic year, transcripts included the cadet's graduation order of merit, which is a weighted computation of all the student's course grades and military performance. Since 1967, only the cumulative academic order of merit is shown. For the classes of 1967 through 1979, the academic order of merit is based on GPA (25%) and total quality points (75%). For the classes of 1980 through 1997, the academic order of merit was determined from a rank ordered listing of the cumulative academic performance average (APA), which was the weighted combination of GPA (75%) and quality points divided by a constant factor (constant = 20 per semester) (25%). The cumulative APA included all courses taken and all grades earned. Beginning with the class of 1998, the academic order of merit is based on cumulative GPA.

Graduation Recognition

For the classes of 1982 through 1997, members of the graduating class who were in the top 10% of the cumulative APA graduated "with academic distinction." Beginning with the class of 1998, cadets graduating in the top 10% of the cumulative GPA graduate "with academic distinction." Cadets graduating in the top 10% of the cumulative MPA graduate "with military distinction." Beginning with the class of 1996, members of the graduating class who are in the top 10% of the cumulative PEA graduate "with athletic distinction." Members of the graduating class who completed the requirements of the Academy's honors program graduate "with honors." The honors program was discontinued with the class of 1993. Beginning with the Class of 2007, each member of the graduating class who completes the Academy Scholars Program requirements graduates as an "Academy Scholar."

Before 1996, up to 7% of the graduating class members were designated "distinguished graduates." Beginning with the class of 1996, 10% of the graduating class may be designated as such. Selection for this honor is determined from the cumulative overall performance average (OPA). The OPA for the classes of 1980 through 1997 was 70% APA and 30% MPA. The OPA for the classes of 1998 through 2008 was 70% GPA and 30% MPA. Beginning with the class of 2009, OPA is the weighted combination of 60% GPA, 30% MPA, and 10% PEA. "Distinguished Graduate" is comparable to "Summa Cum Laude" at a civilian college or university.

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COURSE	DESCRIPTIVE TITLE	HRS	GRADE	GPTS	COURSE	DESCRIPTIVE TITLE	HRS	GRADE	GPTS
SUMMER TERM 2008									
MILITNG 301 SPACE 472	OPERATION BREVET LT SPACE INSTRUCTOR		P P						
FALL SEMESTER 2008									
COMPSCI 380 COMPSCI 426 COMPSCI 453 ENGLISH 411 OPSRSCH 310 PHYED 488 POLSCI 311	DSGN & ANAL. OF ALGR LANGUAGES AND MACHINES SOFTWARE ENGR I LANGUAGE, LITERATURE, & LDRSHP SYSTEMS ANALYSIS SOFTBALL AMER. POLITICS/NATL	3.00 3.00 3.00 3.00 3.00 .50 3.00	B+ A- A- A- A- B B+	9.90 11.10 11.10 12.00 11.10 1.50 9.90					
SEM-HRS 18.50	SEM-GPA 3.60	CUM-HRS 130.50		CUM-GPA 3.09					
DEAN'S AND COMMANDANT'S HONOR LISTS									
SPRING SEMESTER 2009									
ASTROENGR 310 COMPSCI 438 COMPSCI 454 COMPSCI 468 MSS 400 PHILOS 310 PHYED 483	INTRODUCTION TO ASTRONAUTICS COMP SEC/INFO WARFARE SOFTWARE ENGR II NETWORK SECURITY JOINT AND COALITION OPERATIONS ETHICS SCUBA	3.00 3.00 3.00 3.00 3.00 3.00 .50	B+ B+ B+ A B B+ B	9.90 9.90 12.00 12.00 9.00 9.90 1.50					
SEM-HRS 18.50	SEM-GPA 3.47	CUM-HRS 149.00		CUM-GPA 3.17					
DEAN'S HONOR LIST									
TOTAL SEM HOURS 149.00									
***** END OF ACADEMIC RECORD *****									

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