

AT THE UNDERGRADUATE LEVEL
***** ACADEMIC PROGRAM *****

Admitted From: GLENBROOK NORTH H S

School: ENGINEERING & APPLIED SCIENCE
Division: ENGINEERING & APPLIED SCIENCE UNDERGRAD
Degree Program: BACHELOR OF SCIENCE IN ENGINEERING
Major: SYSTEMS SCIENCE & ENGINEERING

***** DEGREES AWARDED *****

05-18-15 BACHELOR OF SCIENCE IN ENGINEERING
MAGNA CUM LAUDE

***** HONORS *****

2015 Fred Ketterer Memorial Award

Dean's List 2011-12 2013-14 2014-15

***** UNIVERSITY OF PENNSYLVANIA COURSE WORK *****

Fall 2011 ENGINEERING & APPLIED SCIENCE UNDERGRAD
BE 100 INTRO TO BIOENGINEERING 0.50 CU B+
CHEM 053 GEN CHEM LAB I 0.50 CU A
CHEM 101 GENERAL CHEMISTRY I 1.00 CU A
JPAN 011 BEGINNING JAPANESE I 1.00 CU A
MATH 114 CALCULUS II 1.00 CU A-
WRIT 030 CRITICAL WRITING SEMINAR:
EINSTEIN & PICASSO 1.00 CU A+
Term Statistics: 5.00 CU GPA 3.87
Cumulative: 5.00 CU GPA 3.87

Spring 2012 ENGINEERING & APPLIED SCIENCE UNDERGRAD
CHEM 054 GEN CHEM LAB II 0.50 CU A-
CHEM 102 GENERAL CHEMISTRY II 1.00 CU B
ECON 001 INTRO ECON MICRO 1.00 CU A-
JPAN 012 BEGINNING JAPANESE II 1.00 CU A
MEAM 101 INTRO TO MECH DESIGN 1.00 CU A
MSE 260 MACRO&NANO-SCALE MATLS 1.00 CU B+
Term Statistics: 5.50 CU GPA 3.61
Cumulative: 10.50 CU GPA 3.73

Fall 2012 ENGINEERING & APPLIED SCIENCE UNDERGRAD
ESE 400 ENGINEERING ECONOMICS 1.00 CU A-
LGST 210 CORP RESP AND ETHICS 1.00 CU A+
MATH 240 CALCULUS III 1.00 CU A-
MSE 220 STRUCTURAL MATERIALS 1.00 CU B+
MSE 221 QUANTUM PHYS OF MATLS 1.00 CU A
MSE 330 SOFT MATERIALS 1.00 CU A-
Term Statistics: 6.00 CU GPA 3.73
Cumulative: 16.50 CU GPA 3.73

Fall 2013 ENGINEERING & APPLIED SCIENCE UNDERGRAD
CIS 110 INTRO TO COMP PROG 1.00 CU A
ESE 205 ELEC CIR & SYS I LAB 0.50 CU A-
ESE 210 INTRO TO DYNAMIC SYSTEMS 1.00 CU A
ESE 215 ELEC CIRCUITS & SYS I 1.00 CU A-
ESE 301 ENGINEERING PROBABILITY 1.00 CU B+
LING 001 INTRO TO LINGUISTICS 1.00 CU A+
PHIL 223 PHIL & VISUAL PERCEPTION 1.00 CU A
Term Statistics: 6.50 CU GPA 3.82
Cumulative: 23.00 CU GPA 3.76

Spring 2014 ENGINEERING & APPLIED SCIENCE UNDERGRAD

BIBB	109	INTRO TO BRAIN & BEHAV	1.00	CU	A
ESE	302	ENGR APPLIC OF STATISTIC	1.00	CU	B
ESE	304	OPTIMIZATION OF SYSTEMS	1.00	CU	B+
ESE	406	CONTROL OF SYSTEMS	1.00	CU	A
NETS	312	THEORY OF NETWORKS	1.00	CU	A
PHYS	051	PHYSICS LABORATORY II	0.50	CU	A
		Term Statistics:	5.50	CU	GPA 3.69
		Cumulative:	28.50	CU	GPA 3.75

Fall 2014 ENGINEERING & APPLIED SCIENCE UNDERGRAD

ENGL	111	EXPERIENTIAL WRITING SEM:			
		UNCREATIVE WRITING	1.00	CU	A
ESE	303	STOCH SYS ANALYSIS SIMUL	1.00	CU	A
ESE	450	SR DESIGN PROJ I-EE/SSE	1.00	CU	A-
MEAM	410	DSGN OF MECHATRONIC SYS	1.00	CU	A
		Term Statistics:	4.00	CU	GPA 3.93
		Cumulative:	32.50	CU	GPA 3.77

Spring 2015 ENGINEERING & APPLIED SCIENCE UNDERGRAD

BE	521	BRAIN-COMPUTER INTERFACE	1.00	CU	A
ESE	310	ELECTRIC & MAGNETIC FLDS	1.00	CU	A+
ESE	350	EMBED SYS/MICROCONT LAB	1.50	CU	A-
ESE	451	SR DESIGN PROJ II-EE/SSE	1.00	CU	A+
		Term Statistics:	4.50	CU	GPA 3.90
		Cumulative:	37.00	CU	GPA 3.78
		Equivalent Credit:	4.00	CU	
		Total Credit:	41.00	CU	

***** **PENN EQUIVALENT CREDIT** *****

Advanced Placement Credit:	ECON002 WVD	0.00	CU
	MATH 104	1.00	CU
	PHYS 93	1.00	CU
	PHYS 94	1.00	CU
	PSYC001 WVD	0.00	CU
	STAT 111	1.00	CU

Total Penn Equivalent Credit Awarded: 4.00 CU

***** **ACTIONS** *****

Leave From 02-28-13; Return from Leave Fall 2013

***** **NO ENTRIES BEYOND THIS POINT** *****