

STUDENT NUMBER: 170002071

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EXTERNAL EXAMINATIONS

CEEB ADVANCED PLACEMENT IN:

COMPUTER SCIENCE-A	01	198	111			4.0		
ENGLISH LANGUAGE	01	355	101			3.0		
ENGLISH LITERATURE	01	358	201			3.0		
AMERICAN HISTORY	01	512	103			3.0		
CALCULUS BC	01	640	151			4.0		
CALCULUS BC	01	640	152			4.0		
PHYSICS C-MECHANICS	01	750	123			2.0		
PHYSICS C-MECHANICS	01	750	124			2.0		
PHYSICS C-ELECT&MAG	01	750	227			3.0		
PHYSICS C-ELECT&MAG	01	750	229			1.0		

DEGREE CREDITS: 29.0

TRANSFER COURSESCARNEGIE MELLON UNIVERSITY
Summer 2015

INTRO ELEC COMP ENG	TR	T14	GE1			3.0		
CONCEPTS OF MATH	TR	T14	GE2			3.0		
TOTAL TRANSFER CREDITS:						6.0		
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(INCREMENTED IN APPROPRIATE SEMESTER)								

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**Fall 2016 SCHOOL OF ENGINEERING
HONORS COLLEGE**MAJOR: ENGINEERING FOUR YEAR
CLASS: 20

DEANS LIST

THE BYRNE SEMINARS	01	090	101		57	1.0	P	PA
HNRS COLLEGE FORUM	01	090	125		HB	3.0		A
GEN CHEM FOR ENGRS	01	160	159		01	3.0		A
MULTIVARIABLE CALC	01	640	251		H5	4.0		B+
PRIN ELEC ENGG I	14	332	221		02	3.0	M	B
PRIN ELECT ENG I LAB	14	332	223		01	1.0	M	A
INT COMPUTER FOR ENG	14	440	127		11	3.0		A

TOTAL CREDITS ATTEMPTED: 18.0

DEGREE CREDITS EARNED: 53.0 TERM AVG: 3.706 CUMULATIVE AVG: 3.706

**Spring 2017 SCHOOL OF ENGINEERING
HONORS COLLEGE**MAJOR: ELECTRICAL AND COMPUTER ENGINEERING
CLASS: 20

DEANS LIST

INTERDIS HONORS SEM	01	090	293		02	3.0		A
SUB TOPIC: VICE VIRTUE VIOLENCE:ANCIENT GREECE								
DIFF EQS/ENGR&PHYS	01	640	244		10	4.0		B
PRIN ELEC ENGG II	14	332	222		01	3.0	M	B
PRIN ELEC ENG II LAB	14	332	224		05	1.0	M	A
PROBABLT&RANDOM PRC	14	332	226		06	3.0	M	A
ENG ORIENTATION LECT	14	440	100		03	1.0	P	PA
HONORS ENG MECH-STAT	14	440	291		01	3.0		B+

TOTAL CREDITS ATTEMPTED: 18.0

DEGREE CREDITS EARNED: 71.0 TERM AVG: 3.500 CUMULATIVE AVG: 3.603

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**Summer 2017 SCHOOL OF ENGINEERING
HONORS COLLEGE**MAJOR: ELECTRICAL AND COMPUTER ENGINEERING
CLASS: 20

DATA STRUCTURES	01	198	112		T6	4.0		A
TOTAL CREDITS ATTEMPTED:						4.0		
DEGREE CREDITS EARNED: 75.0		TERM AVG: 4.000		CUMULATIVE AVG: 3.645				

**Fall 2017 SCHOOL OF ENGINEERING
HONORS COLLEGE**MAJOR: ELECTRICAL AND COMPUTER ENGINEERING
CLASS: 20

DEANS LIST

INTRO LINEAR ALGEBRA	01	640	250		03	3.0		B
SOC MED ARTS ONLINE	07	080	431		97	3.0		A
DIGITAL LOGIC DESIGN	14	332	231		01	3.0	M	B+
DIGITL LOGIC DES LAB	14	332	233		03	1.0	M	B+
LINEAR SYS & SIGNALS	14	332	345		01	3.0	M	B+
LIN SYS & SIGNAL LAB	14	332	347		06	1.0	M	A
ELECTRONICS DEVICES	14	332	361		01	3.0	M	A
ELECTRON DEVICES LAB	14	332	363		05	1.0	M	A

TOTAL CREDITS ATTEMPTED: 18.0

DEGREE CREDITS EARNED: 93.0 TERM AVG: 3.639 CUMULATIVE AVG: 3.643

TITLE	SCH	DEPT	CRS	SUP	SEC	CRED	PR	GRADE
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**Spring 2018 SCHOOL OF ENGINEERING
HONORS COLLEGE**MAJOR: ELECTRICAL AND COMPUTER ENGINEERING
MINOR: COMPUTER SCIENCE
CLASS: 19

SYSTEMS PROGRAMMING	01	198	214		04	4.0		B+
DISCRETE MATH ECE	14	332	312		01	3.0	M	C+
COMP ARCH & ASM LANG	14	332	331		01	3.0	M	B+
COMPUTER ARCHIT LAB	14	332	333		01	1.0	M	A
DIGITAL ELECTRONICS	14	332	366		02	3.0	M	B+
DIGITAL ELECTRON LAB	14	332	368		05	1.0	M	A
PROFESSIONALSM/ETHIC	14	332	393		01	1.0	P	PA

TOTAL CREDITS ATTEMPTED: 16.0

DEGREE CREDITS EARNED: 109.0 TERM AVG: 3.367 CUMULATIVE AVG: 3.585

**Fall 2018 SCHOOL OF ENGINEERING
HONORS COLLEGE**MAJOR: ELECTRICAL AND COMPUTER ENGINEERING
MINOR: COMPUTER SCIENCE
CLASS: 19

DEANS LIST

INTR EXPERIMENTATION	01	160	171		35	1.0		B+
DSGN&ANAL COMP ALGOR	01	198	344		02	4.0		A
PARALLEL & DIST PROG	14	332	451		01	3.0	M	B
TOPICS IN ECE	14	332	493		02	3.0	M	B+
SUB TOPIC: HARDWARE/SOFTWARE DESIGN EMBEDDED SYSTEM								
SUSTAINABLE ENERGY	16	332	585		01	3.0		A

TOTAL CREDITS ATTEMPTED: 14.0

DEGREE CREDITS EARNED: 123.0 TERM AVG: 3.643 CUMULATIVE AVG: 3.594

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**Winter 2019 SCHOOL OF ENGINEERING
HONORS COLLEGE**

MAJOR: ELECTRICAL AND COMPUTER ENGINEERING

MINOR: COMPUTER SCIENCE

CLASS: 19

MICROECON PRINCIPLES	50	220	102		W1	3.0		A
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TOTAL CREDITS ATTEMPTED: 3.0

DEGREE CREDITS EARNED: 126.0 TERM AVG: 4.000 CUMULATIVE AVG: 3.608

Spring 2019 SCHOOL OF ENGINEERING

MAJOR: ELECTRICAL AND COMPUTER ENGINEERING

CLASS: 19

DIGITAL SIGNAL PROC	14	332	346		02	3.0	M	B
DIGITAL SIG PROC LAB	14	332	348		03	1.0	M	B
INTRO-INFO&NETW SEC	14	332	424		01	3.0	M	A
CAPSTONE DESIGN ECE	14	332	448		01	3.0	M	B
DATA STRUCT & ALGS	16	332	573		01	3.0		B+

TOTAL CREDITS ATTEMPTED: 13.0

DEGREE CREDITS EARNED: 139.0 TERM AVG: 3.346 CUMULATIVE AVG: 3.574

TITLE	SCH	DEPT	CRS	SUP	SEC	CRED	PR	GRADE
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Fall 2019 SCHOOL OF GRADUATE STUDIES

PROGRAM: ELECTRICAL AND COMPUTER ENGINEERING

Degree Sought: TERMINAL MASTERS

PROG LANG&CMPILRS I	16	198	515		01	3.0		W
PROGRAMMING FINANCE	16	332	503		02	3.0		
COMP ARCH I	16	332	563		01	3.0		
ADV TPCS COMPUTR ENG	16	332	579		02	3.0		
SUB TOPIC: COMPUTING PRINCIPLE FOR MOBILE EMBEDDED								
COLLOQUIUM IN ECE	16	332	699		01	0.0		

TOTAL CREDITS ATTEMPTED: 12.0

DEGREE CREDITS EARNED: TERM AVG: CUMULATIVE AVG:

Spring 2020 SCHOOL OF GRADUATE STUDIES

PROGRAM: ELECTRICAL AND COMPUTER ENGINEERING

Degree Sought: TERMINAL MASTERS

DATA BASE/WAREHOUS	16	137	538		90	3.0		
ADV TPCS COMPUTR ENG	16	332	579		04	3.0		
SUB TOPIC: HARDWARE AND SYSTEM SECURITY								
BIOSENS & BIOELECTRO	16	332	586		01	3.0		

TOTAL CREDITS ATTEMPTED: 9.0

DEGREE CREDITS EARNED: TERM AVG: CUMULATIVE AVG:

DEGREE: BACHELOR OF SCIENCE**MAY****2019**

MAJOR: ELECTRICAL AND COMPUTER ENGINEERING

COLLEGE/SCHOOL HONORS: MAGNA CUM LAUDE

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Last Term Information

LAST TERM CREDIT	HOURS:	13.0
LAST TERM CREDITS IN GPA:		13.0
LAST TERM POINTS IN GPA:		43.5
LAST TERM CUMULATIVE CREDITS IN GPA:		101.0
LAST TERM CUMULATIVE POINTS IN GPA:		361.0

*** END OF TRANSCRIPT ***