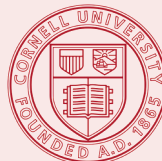


RECORD OF: Roberto Guillermo Halpin

RECORD DATE: 11/2/2022



CORNELL I.D. NO.: 4406289

PAGE: 1 of 3

COURSE TITLE	SUBJECT/NUMBER	MEDIAN	TOTAL ENROLLED	UNITS	GRADE
FALL 2016					
Program: Engineering					
Plan: Unaffiliated					
INTRO COMPUTING USING PYTHON	CS 1110	(B)	(512)	4.00	B+
ENGINEERING SEMINAR	ENGRG 1050	(N/A)		1.00	SX
COOPERATIVE WORKSHOP MATH 1920	ENGRG 1092	(N/A)		1.00	SX
FWS: WRITING HISTORY	HIST 1200	(A-)	(132)	3.00	B+
COURSE TOPIC(S): FWS: FOOD IN MODERN JAPAN					
MULTIVARIABLE CALCULUS ENGRS	MATH 1920	(B+)	(569)	4.00	A-
INTRODUCTION TO MEDITATION	PE 1420	(N/A)		1.00	SX
PHYS I MECH & SPEC RELATIVITY	PHYS 1116	(B+)	(75)	4.00	B+
TEST CREDITS APPLIED TOWARD ENGINEERING PROGRAM					
AP Biology	BIOG 1101F			4.00	4.0
AP Economics: Macroeconomics	ECON 1120			3.00	5.0
AP Economics: Microeconomics	ECON 1110			3.00	4.0
AP Mathematics: Calculus BC	MATH 1910			4.00	5.0
AP Psychology	PSYCH 1101			3.00	4.0
AP Spanish Language	SPAN 1100C			3.00	5.0
Transfer Totals:				20.00	
SPRING 2017					
Program: Engineering					
Plan: Unaffiliated					
INTRO TO CIRC ELEC & COMP ENGR	ECE 2100	(A-)	(54)	4.00	B
INTRO TO NANOSCIENCE & NANOENG	ENGR1 1200	(B+)	(29)	3.00	B
DIFFERENTIAL EQUATIONS ENGRS	MATH 2930	(B+)	(440)	4.00	A
BOWLING	PE 1300	(N/A)		1.00	SX
PHYSICS II: ELECTROMAGNETISM	PHYS 2213	(B+)	(204)	4.00	A-
FWS:SOCIAL NETWORKS IN A GLOBA	SOC 1130	(A)	(16)	3.00	A-
FALL 2017					
Program: Engineering					
Plan: Electrical and Computer Engineering					
DISCRETE STRUCTURES	CS 2800	(B+)	(301)	0.00	W
DIGITAL LOGIC & COMPUTER ORG.	ECE 2300	(B+)	(152)	4.00	C
LINEAR ALGEBRA FOR ENGINEERS	MATH 2940	(B)	(467)	4.00	B
PHYS III-OSC WAVES & QUAN PHYS	PHYS 2214	(A-)	(131)	4.00	B+

COURSE TITLE	SUBJECT/NUMBER	MEDIAN	TOTAL ENROLLED	UNITS	GRADE
SPRING 2018					
Program: Engineering					
Plan: Electrical and Computer Engineering					
OBJ-ORIENTED PROG & DATA STRUC	CS 2110	(B)	(532)	3.00	B+
DISCRETE STRUCTURES	CS 2800	(B+)	(398)	3.00	B+
EMBEDDED SYSTEMS	CS 3420	(B+)	(218)	4.00	A
FRESHMEN TEAM PROJECTS	INFO 1998	(N/A)		1.00	SX
BASIC PROBABILITY	MATH 4710	(B+)	(67)	4.00	C+
TEACHING AND LEARNING PHYSICS	PHYS 4484	(N/A)		1.00	SX
TEACHING EXPERIENCE I	PHYS 4485	(N/A)		1.00	SX
FALL 2018					
Program: Engineering					
Plan: Computer Science					
DATA STRUCT & FUNCTIONAL PROGR	CS 3110	(B+)	(328)	4.00	B
MACHINE LEARNING INTELL SYS	CS 4780	(A)	(268)	4.00	A
INDEPENDENT READING & RESEARCH	CS 4999	(A)	(118)	4.00	A
COMPUTER VISION	CS 6670	(N/A)		4.00	A+
DEAN'S LIST					
SPRING 2019					
Program: Engineering					
Plan: Computer Science					
OPERATING SYSTEMS	CS 4410	(B)	(255)	3.00	B
MACHINE LEARNING DATA SCIENCE	CS 4786	(A-)	(70)	4.00	A-
INDEPENDENT READING & RESEARCH	CS 4999	(A)	(133)	4.00	A-
COMPUTER SCIENCE COLLOQUIUM	CS 7090	(N/A)		1.00	SX
SEMINAR IN ARTIFICIAL INTELL.	CS 7790	(N/A)		1.00	SX
SUMMER 2019					
Program: Engineering					
Plan: Computer Science					
INTRO ANALYSIS OF ALGORITHMS	CS 4820	(N/A)		4.00	A

Rhonda K Kitch

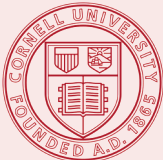
RHONDA K. KITCH, PH.D.
UNIVERSITY REGISTRAR

SEND TO: Roberto Halpin
rgh224@cornell.edu
DOCID:TWHC99AH
United States

TO VERIFY: TRANSLUCENT GLOBE ICONS MUST BE VISIBLE WHEN HELD TOWARD A LIGHT SOURCE

RECORD OF: Roberto Guillermo Halpin

RECORD DATE: 11/2/2022



CORNELL I.D. NO.: 4406289

PAGE: 2 of 3

COURSE TITLE	SUBJECT/NUMBER	MEDIAN	TOTAL ENROLLED	UNITS	GRADE
FALL 2019					
Program: Engineering					
Plan: Computer Science					
NETWORKS	CS	2850	(A-) (585)	4.00	A
PRAC IN A I	CS	4701	(A) (78)	2.00	A-
INDEPENDENT READING & RESEARCH	CS	4999	(A) (137)	4.00	A
ADVANCED MACHINE LEARNING SYS	CS	6787	(N/A)	4.00	A-
SEMINAR IN COMPUTER GRAPHICS	CS	7690	(N/A)	1.00	SX
LINEAR ALGEBRA	MATH	4310	(B+) (38)	4.00	B

DEAN'S LIST

SPRING 2020

Program: Engineering

Plan: Computer Science

DURING THE SPRING 2020 SEMESTER, THE COVID-19 PANDEMIC REQUIRED SIGNIFICANT CHANGES TO COURSEWORK. UNUSUAL ENROLLMENT PATTERNS AND GRADES REFLECT THE TUMULT OF THE TIME, NOT NECESSARILY THE WORK OF THE INDIVIDUAL.

ENGINEERING GENERAL CHEMISTRY	CHEM	2090	(N/A)	4.00	S
SEMINAR IN ARTIFICIAL INTELL.	CS	7790	(N/A)	1.00	SX
INFO ETHICS LAW & POLICY	INFO	1200	(N/A)	3.00	S
NUM ANALYSIS: LIN&NONLIN EQUAT	MATH	4260	(N/A)	4.00	A
INFO THRY, PROB MOD, DP LEARN	ORIE	4742	(N/A)	3.00	S

Cumulative GPA: 3.484

CORNELL UNIVERSITY
ENGINEERING
BACHELOR OF SCIENCE
COMPUTER SCIENCE
MAY 24, 2020

Rhonda K Kitch

RHONDA K. KITCH, PH.D.
UNIVERSITY REGISTRAR

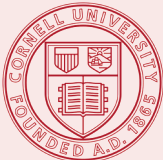
COURSE TITLE	SUBJECT/NUMBER	MEDIAN	TOTAL ENROLLED	UNITS	GRADE
--------------	----------------	--------	----------------	-------	-------

SEND TO: Roberto Halpin
rgh224@cornell.edu
DOCID:TWHC99AH
United States

TO VERIFY: TRANSLUCENT GLOBE ICONS MUST BE VISIBLE WHEN HELD TOWARD A LIGHT SOURCE

RECORD OF: Roberto Guillermo Halpin

RECORD DATE: 11/2/2022



CORNELL I.D. NO.: 4406289

PAGE: 3 of 3

COURSE TITLE		SUBJECT/NUMBER	MEDIAN	TOTAL ENROLLED	UNITS	GRADE	COURSE TITLE		SUBJECT/NUMBER	MEDIAN	TOTAL ENROLLED	UNITS	GRADE
FALL 2020							SPRING 2022						
Program: Computer Science							Program: Computer Science						
Plan: Computer Science							Plan: Artificial Intelligence Concentration						
							Status: Leave of Absence - 2022-05-22						
MATRIX COMPUTATIONS	CS	6210			4.00	A	ADV TOPICS IN MACHINE LEARNING	CS	6784			4.00	A
GRAPHICS AND VISION SEMINAR	CS	7690			1.00	SX	COMPUTER SCIENCE COLLOQUIUM	CS	7090			1.00	SX
SEMINAR IN ARTIFICIAL INTELL.	CS	7790			1.00	SX	GRAPHICS AND VISION SEMINAR	CS	7690			1.00	SX
INDEPENDENT RESEARCH	CS	7999			3.00	A	SEMINAR IN ARTIFICIAL INTELL.	CS	7790			1.00	SX
MASTER'S THESIS RESEARCH	GRAD	9012			0.00	NG	INDEPENDENT RESEARCH	CS	7999			5.00	A-
STATISTICAL PRINCIPLES	ORIE	6700			4.00	A	MASTER'S THESIS RESEARCH	GRAD	9012			0.00	NG
SPRING 2021							SELECTED TOPICS IN MATH PROG	ORIE	7391			3.00	A
Program: Computer Science							END OF TRANSCRIPT						
Plan: Computer Science													
DEEP GENERATIVE MODELS	CS	6785			3.00	A							
MASTER'S THESIS RESEARCH	GRAD	9012			6.00	NG							
MATHEMATICS OF DATA SCIENCE	ORIE	6340			0.00	V							
BAYESIAN STAT. & DATA ANALYSIS	ORIE	6780			3.00	A+							
SUMMER 2021													
Program: Computer Science													
Plan: Computer Science													
SUMMER GRADUATE-LEVEL RESEARCH	GRAD	9016			6.00	NG							
FALL 2021													
Program: Computer Science													
Plan: Computer Science													
Plan: Artificial Intelligence Concentration													
ML THEORY	CS	6783			4.00	A							
MASTER'S THESIS RESEARCH	GRAD	9012			8.00	NG							

Rhonda Kitch

RHONDA K. KITCH, PH.D.
UNIVERSITY REGISTRAR

SEND TO: Roberto Halpin
rgh224@cornell.edu
DOCID:TWHC99AH
United States

TO VERIFY: TRANSLUCENT GLOBE ICONS MUST BE VISIBLE WHEN HELD TOWARD A LIGHT SOURCE



CNC	-	Course cancelled after the ninth week of term.
FS, FWS	-	First-Year Writing Seminar - Equivalent to one term of English Composition at many institutions.
GL	-	In the descriptive title area - course taken at graduate level by Summer Session and Extramural students only.
H	-	"HONORS" for LL. M. Candidates.
HH	-	"HIGH HONORS" for LL. M. Candidates.
INC	-	Course not completed for reasons acceptable to Instructor.
NA	-	Not attending.
NG	-	Non-graded course - Grades are not awarded for these courses.
NGR	-	No grade reported - Instructor has not submitted a grade for this course.
R	-	Represents multi-term course not graded until the end of the sequence.
S/U	-	"S" means C- or above; "U" means D+, D, D- or failure.
SX/UX	-	Indicates that a course is graded exclusively on "S" or "U" basis.
V	-	Visitor - Audit; course taken on a non-credit basis.
W	-	Indicates withdrawal from course after deadline.
*	-	Preceding credit hours - indicates temporary credit. Total credit earned with final grade for course appears in the term following.
*	-	In the grade field - indicates that the course was originally graded INC and has subsequently been completed.

Cornell Study Abroad - Transcript indicates courses taken, credits earned and foreign grades received. Foreign grades are not translated to the Cornell grading system.

Physical Education - Before 1982, Physical Education courses automatically printed on the transcript. If student took the course, the grade would be SX. If student did not enroll in the course, the grade would be UX.

Accreditation - Cornell University is accredited by the Middle States Association of Colleges and Schools.

Language - All courses are taught using the English language with the exception of certain language courses, e.g., French Literature or Japanese.

Median Grades - Median grades are posted on transcripts for all undergraduates matriculating in the Fall 2008 and after. Median grades are not reported for all courses.

Credit Hour Definition

A student will receive one credit by satisfactorily completing a course that requires at least fifteen hours (15) of instruction and at least thirty hours (30) of supplementary assignments. Hours are adjusted proportionately for other formats of study, e.g., laboratory, studio, research problem-based learning, and independent study.

Dean's List

Posting the Dean's List notation began with Fall term 1971. Dean's List awards are posted for all Undergraduate units.

Grading Systems prior to September 1965

These are described on a separate sheet which is provided with appropriate transcripts.

Current Grading System

Grades are on a letter scale: A+ through D-, pass; F, failure. The grades of S (satisfactory) or U (unsatisfactory) may be used when no greater precision in grading is required. Grades of S or U are not assigned numerical value and thus are not averaged with other grades in computing grade point averages.

Letter grade values are combined with course credit hours to produce an average based on a 4.3 scale.

For the purpose of computing semester, year or cumulative averages, each letter grade is assigned a quality point value as follows:

$$\begin{array}{ccccccc} A^+ & = & 4.3 & B^+ & = & 3.3 & C^+ & = & 2.3 & D^+ & = & 1.3 \\ A & = & 4.0 & B & = & 3.0 & C & = & 2.0 & D & = & 1.0 & F & = & 0 \\ A^- & = & 3.7 & B^- & = & 2.7 & C^- & = & 1.7 & D^- & = & 0.7 \end{array}$$

Beginning with Fall term 1983, Law School averages are computed using the following point values:

A+ = 4.33	B+ = 3.33	C+ = 2.33	D+ = 1.33	
A = 4.00	B = 3.00	C = 2.00	D = 1.00	F = 0
A- = 3.67	B- = 2.67	C- = 1.67	D- = 0.67	

There is only one official university transcript for an individual student which represents the complete Cornell University academic record.

TO TEST FOR AUTHENTICITY: Translucent globe icons *MUST* be visible from both sides when held toward a light source. The face of this transcript is printed on red SCRIP-SAFE® paper with the name of the institution appearing in white type over the face of the entire document.

[illegible]

ADDITIONAL TESTS: The word VOID appears as a latent image. When this paper is touched by fresh liquid bleach, an authentic document will stain. A black and white or color copy of this document is not an original and should not be accepted as an official institutional document. This document cannot be released to a third party without the written consent of the student. This is in accordance with the Family Educational Rights and Privacy Act of 1974. If you have any questions about this document, please contact the Office of the University Registrar, univreg@cornell.edu or (607) 255-4232. ALTERATION OF THIS DOCUMENT MAY BE A CRIMINAL OFFENSE!