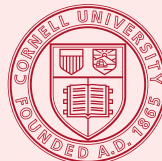


RECORD OF: Mahmoud Shaker Elsharawy

RECORD DATE: 4/29/2024



CORNELL I.D. NO.: 5142154

PAGE: 1 of 2

COURSE TITLE	SUBJECT/NUMBER	MEDIAN	TOTAL ENROLLED	UNITS	GRADE
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## FALL 2020

Program: Engineering  
Plan: Unaffiliated

STATICS & MECHANICS OF SOLIDS	ENGRD	2020	(B)	(216)	4.00	A
OBJ-ORIENTED PROG & DATA STRUC	ENGRD	2110	(B)	(455)	3.00	A
ENGINEERING SEMINAR	ENGRG	1050	(N/A)		1.00	SX
INTRO TO MECH ENGR	ENGRD	1170	(A-)	(57)	3.00	A+
MULTIVARIABLE CALCULUS ENGRS	MATH	1920	(B+)	(476)	4.00	A
INTRODUCTION TO PHILOSOPHY	PHIL	1100	(A)	(125)	3.00	A+
FWS: SCIENCE & SOCIETY	STS	1126	(A-)	(17)	3.00	A

COURSE TOPIC(S): FWS: ORACLES OF CLIMATE CHANGE

## TEST CREDITS APPLIED TOWARD ENGINEERING PROGRAM

AP Computer Science A	CS	1110			4.00	5.0
AP Economics: Macroeconomics	ECON	1120			3.00	5.0
AP Economics: Microeconomics	ECON	1110			3.00	5.0
CASE Math	MATH	1910			4.00	0.0
AP Physics C - Electricity & MPHYS	2213				4.00	5.0
AP Physics C - Mechanics	PHYS	1112			4.00	5.0

Transfer Totals:

22.00

\*\*DEAN'S LIST\*\*

## SPRING 2021

Program: Engineering  
Plan: Unaffiliated

INTRO TO CIRC ELEC & COMP ENGR	ENGRD	2100	(A-)	(53)	4.00	A-
DIGITAL LOGIC & COMPUTER ORG.	ENGRD	2300	(B+)	(66)	4.00	A
ENGINEERING IN REALITY	ENGRG	1400	(A)	(122)	3.00	A
TCHG EXP IN MECH ENG	MAE	4980	(A)	(22)	3.00	A+
DIFFERENTIAL EQUATIONS ENGRS	MATH	2930	(B)	(303)	4.00	A-
LINEAR ALGEBRA FOR ENGINEERS	MATH	2940	(B+)	(441)	4.00	B+
FWS: ASPECTS OF MEDIEVAL CULT	MEDVL	1101	(A)	(49)	3.00	A-

COURSE TOPIC(S): FWS:MIRACULOUS BYZANTINE SAINT

\*\*DEAN'S LIST\*\*

COURSE TITLE	SUBJECT/NUMBER	MEDIAN	TOTAL ENROLLED	UNITS	GRADE
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## FALL 2021

Program: Engineering  
Plan: Electrical and Computer Engineering

DISCRETE STRUCTURES	CS	2800	(B+)	(411)	3.00	A
MATH OF SIGNAL & SYS ANALYSIS	ECE	3250	(B+)	(55)	4.00	A-
INTELLIGENT PHYSICAL SYSTEMS	ECE	3400	(A)	(81)	4.00	A
DATA SCIENCE FOR ENGINEERS	ENGRD	2720	(A)	(60)	4.00	A
PHYS III-OSC WAVES & QUAN PHYS	PHYS	2214	(A-)	(95)	4.00	B+

\*\*DEAN'S LIST\*\*

## SPRING 2022

Program: Engineering  
Plan: Electrical and Computer Engineering  
Plan: Engineering Coop Program

IN ABSENTIA	UNIV	4000	(N/A)		0.00	NG
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COURSE TOPIC(S): ENGR COOP IN ABSENTIA

## FALL 2022

Program: Engineering  
Plan: Electrical and Computer Engineering  
Plan: Computer Science

DATA STRUCT & FUNCTIONAL PROGR	CS	3110	(B)	(317)	4.00	B
FOUNDATIONS OF ROBOTICS	CS	4750	(A+)	(88)	4.00	B
INTRO ANALYSIS OF ALGORITHMS	CS	4820	(B+)	(243)	4.00	A-
DIGITAL SYS DESGN-MICROCONTROL	ECE	4760	(A)	(77)	4.00	A
EN STUDENT PROJECT TEAMS	ENGRG	3400	(A)	(952)	3.00	A

\*\*DEAN'S LIST\*\*

## SPRING 2023

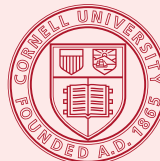
Program: Engineering  
Plan: Electrical and Computer Engineering  
Plan: Computer Science  
Plan: Engineering Coop Program

IN ABSENTIA	UNIV	4000	(N/A)		0.00	NG
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SEND TO: Mahmoud Elsharawy  
mse63@cornell.edu  
DOCID:TE3BELOH

Rhonda K Kitch

RHONDA K. KITCH, PH.D.  
UNIVERSITY REGISTRAR



			TOTAL			
COURSE TITLE	SUBJECT/NUMBER	MEDIAN	ENROLLED	UNITS	GRADE	

## FALL 2023

Program: Engineering  
Plan: Electrical and Computer Engineering  
Plan: Computer Science

NETWORKS	CS	2850	(N/A)	3.00	A-
OPERATING SYSTEMS	CS	4410	(N/A)	3.00	A
COMPUTER ARCHITECTURE	CS	4420	(N/A)	4.00	A-
INTRO TO MACHINE LEARNING	CS	4780	(N/A)	4.00	A
ENGINEERING COMMUNICATIONS	ENGR	3500	(N/A)	3.00	A-
BOWLING	PE	1300	(N/A)	1.00	SX
KARATE BASICS	PE	1365	(N/A)	1.00	SX

\*\*DEAN'S LIST\*\*

## SPRING 2024

Program: Engineering  
Plan: Electrical and Computer Engineering  
Plan: Computer Science

EMBEDDED SYSTEMS	CS	3420	(N/A)	0.00
PRAC IN A I	CS	4701	(N/A)	0.00
INTRO REINFORCEMENT LEARNING	CS	4789	(N/A)	0.00
PROBABILITY AND INFERENCE	ECE	3100	(N/A)	0.00
INTRO TO MICROELECTRONICS	ECE	3150	(N/A)	0.00
PSYCHOLOGY OF LANGUAGE	LING	2215	(N/A)	0.00

Cumulative GPA: 3.801

END OF TRANSCRIPT

**RHONDA K. KITCH, PH.D.**  
**UNIVERSITY REGISTRAR**

COURSE TITLE	SUBJECT/NUMBER	MEDIAN	TOTAL ENROLLED	UNITS	GRADE
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SEND TO: Mahmoud Elsharawy  
mse63@cornell.edu  
DOCID:TE3BELOH

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:

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	

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.**