

**Unofficial Transcript and GPA for Cunningham, Charles C**

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Unofficial Transcript as of: 01/12/21 20:45:50 PM

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

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

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

**Summer 2019 SUMMER SESSIONS**

CIS	160	MATH FOUND COMP SCI	1.00	CU	A+
FNCE	101	MONETARY ECON & GLOB ECO	1.00	CU	A+
PHIL	001	INTRO TO PHILOSOPHY	1.00	CU	A+
PHIL	008	THE SOCIAL CONTRACT	1.00	CU	A+
		Term Statistics:	4.00	CU	GPA 4.00
		Cumulative:	4.00	CU	GPA 4.00

**Fall 2019 ENGINEERING & APPLIED SCIENCE UNDERGRAD**

BEPP	250	MANAGERIAL ECONOMICS	1.00	CU	A+
CIS	120	PROG LANG & TECH I	1.00	CU	A+
ESE	112	ENG ELECTROMAGNETICS	1.50	CU	A+
MATH	116	HONORS CALCULUS	1.00	CU	A+
WRIT	088	WRITING SEMINAR IN SOCI: SELF AND SOCIETY	1.00	CU	A
		Term Statistics:	5.50	CU	GPA 4.00
		Cumulative:	9.50	CU	GPA 4.00

**Spring 2020 ENGINEERING & APPLIED SCIENCE UNDERGRAD**

BEPP	220	BEHAVIORAL ECONOMICS	1.00	CU	A+
CIS	121	PROG LANG AND TECH II	1.00	CU	A+
CIS	192	PYTHON PROG	0.50	CU	A+
CIS	545	BIG DATA ANALYTICS	1.00	CU	A+
ESE	301	ENGINEERING PROBABILITY	1.00	CU	A
MATH	260	HONORS CALCULUS (CONTINUATION)	1.00	CU	A+
		Term Statistics:	5.50	CU	GPA 4.00
		Cumulative:	15.00	CU	GPA 4.00

**Fall 2020 ENGINEERING & APPLIED SCIENCE UNDERGRAD**

CIS	189	SLV HRD PROB IN PRACTICE	0.50	CU	A+
CIS	240	INTRO TO COMP SYSTEMS	1.00	CU	A+
CIS	262	AUTOMATA, COMPUT. & COMPLX	1.00	CU	A
MATH	514	ADVANCED LINEAR ALGEBRA	1.00	CU	A+
MGMT	101	INTRO TO MANAGEMENT	1.00	CU	A+
		Term Statistics:	4.50	CU	GPA 4.00
		Cumulative:	19.50	CU	GPA 4.00

**Spring 2021 ENGINEERING & APPLIED SCIENCE UNDERGRAD**

ACCT	101	ACCT & FINANCIAL REPORT	(1.00)	CU	NR
CIS	320	INTRO TO ALGORITHMS	(1.00)	CU	NR
EAS	203	ENGINEERING ETHICS	(1.00)	CU	NR
OIDD	245	ANALYTICS & DIGITAL ECON	(1.00)	CU	NR
STAT	431	STATISTICAL INFERENCE	(1.00)	CU	NR
		Term Statistics:	0.00	CU	
		Cumulative:	19.50	CU	GPA 4.00
		Equivalent Credit:	4.50	CU	
		Total Credit:	24.00	CU	

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

Advanced Placement Credit:	CIS 110	1.00	CU
	ECON001 WVD	0.00	CU
	ECON002 WVD	0.00	CU
	MATH 104	1.00	CU
	PHYS 150	1.50	CU
	SPAN 202	1.00	CU

Total Penn Equivalent Credit Awarded: 4.50 CU

\* \* \* \* \* **COMMENTS** \* \* \* \* \*

The University of Pennsylvania granted unlimited pass/fail options for the Spring 2020 term in response to the COVID-19 pandemic. Dean's List honors were suspended for 2019-2020.

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

