



NAME: **Tan, Shiqi**

ISSUED TO: **Shiqi Tan**

RECORD AS OF: **2024-07-12**

STUDENT NUMBER: **1006072759**

OEN: **266574599**

BIRTH DAY/MONTH: **17/04**

REGISTRATION HISTORY

2019 Fall - 2024 Winter : Faculty of Applied Science & Engineering

GRADUATION SUMMARY

BACHELOR OF APPLIED SCIENCE CONFERRED - JUNE 2024 WITH HONOURS

Faculty of Applied Science & Engineering

Completed - 2024 Summer - Certificate in Artificial Intelligence Engineering

2019 Fall-Dean's Honour List
2020 Winter-Dean's Honour List
2020 Fall-Dean's Honour List
2021 Winter-Dean's Honour List
2022 Winter-Dean's Honour List
2023 Fall-Dean's Honour List
2024 Winter-Dean's Honour List

2019 FALL - 1ST YEAR GENERAL ENGINEERING

SESSIONAL GPA: **3.54** CUMULATIVE GPA: **3.54**

SESSIONAL PERS: **81.0**

STATUS: **PASS WITH HONOURS**

CRS CODE	TITLE	WGT	MRK	GRD	CRS AVG
APS100H1	ORIENTATION TO ENGINEERING	0.25		H	
APS110H1	ENG.CHEMISTRY & MATERIALS SCI.	0.50	86	A	B+
APS111H1	ENG.STRATEGIES & PRACTICE I	0.50	68	C+	B
CIV100H1	MECHANICS	0.50	86	A	C+
MAT186H1	CALCULUS 1	0.50	82	A-	C+
MAT188H1	APP. LINEAR ALGEBRA	0.50	83	A-	C+
May proceed					

2020 WINTER - 1ST YEAR GENERAL ENGINEERING

In the 2019-20 academic year, the University of Toronto was affected by the global COVID-19 pandemic. Instructional methods were modified and some students were graded on the University's approved Credit/No Credit scale for courses completed in Winter 2020.

For more information, see:

<http://www.transcripts.utoronto.ca/guide>

SESSIONAL GPA: **3.83** ANNUAL GPA: **3.67** CUMULATIVE GPA: **3.67**

SESSIONAL PERS: **87.8**

STATUS: **PASS WITH HONOURS**

CRS CODE	TITLE	WGT	MRK	GRD	CRS AVG
APS105H1	COMPUTER FUNDAMENTAL	0.50	77	B+	B-
APS112H1	ENG.STRATEGIES & PRACTICE II	0.50		CR	B+
APS191H1	TRACK ONE SEMINAR	0.15		CR	*
ECE110H1	ELECT.FUNDAMENTALS	0.50	95	A+	B+
MAT187H1	CALCULUS 2	0.50	86	A	B
MIE100H1	DYNAMICS	0.50	93	A+	B+
May proceed					

2020 FALL - BASC - COMPUTER ENGINEERING - EDWARD S. ROGERS SR. DEPT. OF ELECTRICAL & COMPUTER ENGIN.

SESSIONAL GPA: **3.88** CUMULATIVE GPA: **3.74**

SESSIONAL PERS: **85.0**

STATUS: **PASS WITH HONOURS**

CRS CODE	TITLE	WGT	MRK	GRD	CRS AVG
ECE201H1	SEM: ELEC.& COMP. ENGINEERING	0.15		CR	*
ECE212H1	CIRCUIT ANALYSIS	0.50	92	A+	B

ECE241H1	DIGITAL SYSTEMS	0.50	80	A-	B-
ECE244H1	PROGRAMMING FUNDAMENTALS	0.50	85	A	B-
MAT290H1	ADVANCED ENG. MATHEMATICS	0.50	86	A	B
MAT291H1	CALCULUS III	0.50	82	A-	B
May proceed					

2021 WINTER - BASC - COMPUTER ENGINEERING - EDWARD S. ROGERS SR. DEPT. OF ELECTRICAL & COMPUTER ENGIN.

SESSIONAL GPA: **3.54** ANNUAL GPA: **3.71** CUMULATIVE GPA: **3.69**

SESSIONAL PERS: **81.4**

STATUS: **PASS WITH HONOURS**

CRS CODE	TITLE	WGT	MRK	GRD	CRS AVG
ECE216H1	SIGNALS AND SYSTEMS	0.50	87	A	B-
ECE221H1	ELE.&MAGNET.FIELDS 2	0.50	77	B+	C+
ECE231H1	INTRO. ELECTRONICS	0.50	92	A+	B
ECE243H1	COMPUTER ORGANIZATION	0.50	71	B-	B-
ECE297H1	SOFTWARE COMMUNICATION&DESIGN	0.50	80	A-	B+
May proceed					

2021 FALL - BASC - COMPUTER ENGINEERING - EDWARD S. ROGERS SR. DEPT. OF ELECTRICAL & COMPUTER ENGIN.

SESSIONAL GPA: **2.78** CUMULATIVE GPA: **3.53**

SESSIONAL PERS: **72.8**

STATUS: **PASS**

CRS CODE	TITLE	WGT	MRK	GRD	CRS AVG
ECE320H1	FIELDS AND WAVES	0.50	66	C	B-
ECE344H1	OPERATING SYSTEMS	0.50	83	A-	B
ECE472H1	ENG.ECO.ANA.& ENTRE.	0.50	62	C-	B
TEP444H1	POSITIVE PSYCH. FOR ENGINEERS	0.50	80	A-	A-
May proceed					

2022 WINTER - BASC - COMPUTER ENGINEERING - EDWARD S. ROGERS SR. DEPT. OF ELECTRICAL & COMPUTER ENGIN.

SESSIONAL GPA: **3.62** ANNUAL GPA: **3.28** CUMULATIVE GPA: **3.55**

SESSIONAL PERS: **81.2**

STATUS: **PASS WITH HONOURS**

CRS CODE	TITLE	WGT	MRK	GRD	CRS AVG
APS360H1	APP. FUND. OF MACHINE LEARNING	0.50	80	A-	B-
CSC343H1	Introduction to Databases	0.50	88	A	B+
ECE302H1	PROBABILITY & APPLICATIONS	0.50	78	B+	C+
ECE334H1	DIGITAL ELECTRONICS	0.50	82	A-	B-
ECE345H1	ALGORITHMS & DATA STRUCTURES	0.50	74	B	B-
ECE361H1	COMPUTER NETWORKS I	0.50	85	A	B
May proceed					

2022 FALL - BASC - COMPUTER ENGINEERING - EDWARD S. ROGERS SR. DEPT. OF ELECTRICAL & COMPUTER ENGIN.

CRS CODE	TITLE	WGT	MRK	GRD	CRS AVG
PEY500Y1	PROFESSIONAL EXP.YR. CO-OP	0.00		IPR	

2023 WINTER - BASC - COMPUTER ENGINEERING - EDWARD S. ROGERS SR. DEPT. OF ELECTRICAL & COMPUTER ENGIN.

CRS CODE	TITLE	WGT	MRK	GRD	CRS AVG
PEY500Y1	PROFESSIONAL EXP.YR. CO-OP	0.00		CR	

2023 FALL - BASC - COMPUTER ENGINEERING - EDWARD S. ROGERS SR. DEPT. OF



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BIRTH DAY/MONTH: **17/04**

ELECTRICAL & COMPUTER ENGIN.

SESSIONAL GPA: **3.85** CUMULATIVE GPA: **3.58**

SESSIONAL PERS: **84.8**

STATUS: **PASS WITH HONOURS**

CRS CODE	TITLE	WGT	MRK	GRD	CRS AVG
ECE444H1	SOFTWARE ENGINEERING	0.50	84	A-	A-
ECE461H1	INTERNETWORKING	0.50	88	A	B-
ECE496Y1	DESIGN PROJECT	1.00		IPR	
ENV100H1	Intro to Environment	0.50	85	A	B-
JRE420H1	PEOPLE MGMT. & ORG. BEHAVIOUR	0.50	82	A-	B

May proceed

2024 WINTER - BASC - COMPUTER ENGINEERING - EDWARD S. ROGERS SR. DEPT. OF ELECTRICAL & COMPUTER ENGIN.

SESSIONAL GPA: **3.90** ANNUAL GPA: **3.88** CUMULATIVE GPA: **3.63**

SESSIONAL PERS: **85.7**

STATUS: **PASS WITH HONOURS**

CRS CODE	TITLE	WGT	MRK	GRD	CRS AVG
CSC320H1	Intro Visual Compt	0.50	87	A	B
ECE421H1	INTRO. TO MACHINE LEARNING	0.50	87	A	B+
ECE496Y1	DESIGN PROJECT	1.00	81	A-	A-
ECE568H1	COMPUTER SECURITY	0.50	91	A+	B+
GGR252H1	Marketing Geography	0.50	87	A	C+
PER001H1	PRACTICAL EXPR. REQUIREMENT	0.00		CR	

May proceed


Angelique Sawczko
University Registrar

— End of Transcript —

**University of Toronto
Guide to Transcript**

Effective September 1998

Grade Meanings	Undergraduate Grade Scale			Graduate Grade Scale	
	Refined Letter Grade Scale	Numerical Scale of Marks	Grade Point Value	Truncated Letter Grade Scale	Numerical Scale of Marks
Excellent	A+	90 – 100%	4.0	A+	90 – 100%
	A	85 – 89%	4.0	A	85 – 89%
	A-	80 – 84%	3.7	A-	80 – 84%
Good	B+	77 – 79%	3.3	B+	77 – 79%
	B	73 – 76%	3.0	B	73 – 76%
	B-	70 – 72%	2.7	B-	70 – 72%
Adequate	C+	67 – 69%	2.3		
	C	63 – 66%	2.0		
	C-	60 – 62%	1.7		
Marginal	D+	57 – 59%	1.3		
	D	53 – 56%	1.0		
	D-	50 – 52%	0.7		
Inadequate	F	0 – 49%	0.0	FZ	0 – 69%

Approved grade scales that are outside the standard system:

A passing mark in the Faculty of Dentistry, Faculty of Medicine, and the Faculty of Nursing is 60%.

H (Honours), **P** (Pass), **FL** (Failure).

HH (High Honours), **H** (Honours), **P** (Pass), **LP** (Low Pass), **F** (Fail)

The Faculty of Law J.D. program used the following grade scale between Fall-1998 and Fall-2012:

A:80-100 (Excellent); B+:75-79 (Good); B:70-74 (Good); C+:65-69 (Adequate);

C:60-64 (Adequate); D:50-59 (Marginal); F:below 50 (Inadequate).

In cases where the FL grade is used in calculating grade point averages, the symbol FL% is used and a grade point value of 0.0 is assigned.

CR (Credit), **NCR** (No Credit).

In cases where the NCR grade is used in calculating grade point averages, the symbol NC% is used and a grade point value of 0.0 is assigned.

Other Symbols and Notations:

ADD Additional course, taken for credit. Included in grade point averages.

(note: the following symbols are not used in calculating grade point averages.)

AEG Aegrotat standing granted on the basis of term work and medical or similar evidence. Course credit granted.

DNW Did not write/did not attend/did little work.

EXT Extra course, not for credit.

GWR Grade withheld pending review.

INC Incomplete.

IPR In progress.

(IPR will also appear if the course has not yet started or the course has finished but an approved grade is not yet available.)

LWD Late withdrawal without academic penalty.

NGA No grade available.

SDF Standing deferred on the basis of incomplete course work because of medical or similar reasons.

WDR Withdrawn without academic penalty.

XMP Exemption granted on the basis of credit for work done elsewhere. Course credit granted.

Candidacy Achieved

A student who has completed all program requirements for the PhD degree exclusive of thesis research will be considered a candidate in the School of Graduate Studies.

Averages Information:

The following types of averages may appear:

GPA Grade Point Average*

(*for CTEP programs, the GPA does not include performance in B.Ed. Courses)

ACCA GPA on the Academic Activity Component of the Bachelor of Physical Health and Education

CICA GPA on the Curriculum and Instruction Component of the Bachelor of Education and Diploma in Technical Education

CTPA GPA on the Bachelor of Education Activity Component of the Concurrent Teacher Education Program

FNCA GPA on Foundations Component of the Bachelor of Education and Diploma in Technical Education

PACA GPA on the Physical Activity Component of the Bachelor of Physical and Health Education

PERS Percentage Average

ACCUM. AVG

Accumulated Average

Awards Information:

Academic awards information is not listed on University of Toronto transcripts.

Academic Sessions:

Fall Session (September – December)

Winter Session (January – April)

Summer Session (May – August)

Course Credits:

A course with a weight of 1.00 equals 6 semester hours.

Course Average:

Course average is shown for undergraduate courses with a size of 12 or more and is expressed as a letter grade corresponding to the refined letter grade scale. The symbol "*" is used to indicate an undergraduate course with fewer than 12 students. A "blank" is used to indicate that a course average has not been calculated.

— End of Guide —