



NAME: **Gao, Rui**

ISSUED TO: **Rui Gao**

RECORD AS OF: **2021-10-22**

STUDENT NUMBER: **1004068420**

OEN: **694675547**

BIRTH DAY/MONTH: **28/10**

REGISTRATION HISTORY

2017 Fall - 2022 Winter : Faculty of Applied Science & Engineering

Faculty of Applied Science & Engineering

2017 Fall-Dean's Honour List
2018 Winter-Dean's Honour List
2018 Fall-Dean's Honour List
2019 Winter-Dean's Honour List
2019 Fall-Dean's Honour List
2020 Winter-Dean's Honour List

2017 FALL - BASC IN ENGINEERING SCIENCE - DIVISION OF ENGINEERING SCIENCE

SESSIONAL GPA: **4.00** CUMULATIVE GPA: **4.00**

SESSIONAL PERS: **94.5**

STATUS: **PASS WITH HONOURS**

CRS CODE	TITLE	WGT	MRK	GRD	CRS AVG
CIV102H1	STRUCT. & MATERIALS	0.50	100	A+	B-
CSC180H1	INT.TO COMPPROGRAM.	0.50	92	A+	B
ESC101H1	PRAXIS I	0.50	85	A	B
ESC103H1	ENG. MATHEMATICS & COMPUTATION	0.50	97	A+	B-
MAT194H1	CALCULUS I	0.50	98	A+	B
PHY180H1	CLASSICAL MECHANICS	0.50	95	A+	B

May proceed

2018 WINTER - BASC IN ENGINEERING SCIENCE - DIVISION OF ENGINEERING SCIENCE

SESSIONAL GPA: **3.95** ANNUAL GPA: **3.98** CUMULATIVE GPA: **3.98**

SESSIONAL PERS: **92.0**

STATUS: **PASS WITH HONOURS**

CRS CODE	TITLE	WGT	MRK	GRD	CRS AVG
CSC190H1	COMP. ALGOR. & DATA STRUCTURES	0.50	90	A+	B
ECE159H1	FUNDAMENTALS OF ELEC. CIRCUITS	0.50	97	A+	B
ESC102H1	PRAXIS II	0.50	83	A-	B+
MAT185H1	LINEAR ALGEBRA	0.50	92	A+	C+
MAT195H1	CALCULUS II	0.50	98	A+	B-
MSE160H1	MOLECULES AND MATERIALS	0.50	92	A+	B+

May proceed

2018 FALL - BASC IN ENGINEERING SCIENCE - DIVISION OF ENGINEERING SCIENCE

SESSIONAL GPA: **3.85** CUMULATIVE GPA: **3.93**

SESSIONAL PERS: **86.0**

STATUS: **PASS WITH HONOURS**

CRS CODE	TITLE	WGT	MRK	GRD	CRS AVG
AER210H1	VECTOR CALC. & FLUID MECHANICS	0.50	92	A+	B
CHE260H1	THERMODYNAMICS	0.50	83	A-	B
ECE253H1	DIGITAL & COMPUT.SYS	0.50	82	A-	B-
ESC203H1	ENGINEERING AND SOCIETY	0.50	84	A-	B+
MAT292H1	ORDINARY DIFFERENTIAL EQUATION	0.50	87	A	B-
PHY293H1	WAVES AND MODERN PHYSICS	0.50	88	A	B

May proceed

2019 WINTER - BASC IN ENGINEERING SCIENCE - DIVISION OF ENGINEERING SCIENCE

SESSIONAL GPA: **3.90** ANNUAL GPA: **3.88** CUMULATIVE GPA: **3.93**

SESSIONAL PERS: **89.3**

STATUS: **PASS WITH HONOURS**

CRS CODE	TITLE	WGT	MRK	GRD	CRS AVG
AER201H1	ENGINEERING DESIGN	0.50	83	A-	B+
BME205H1	BIOMOLECULES AND CELLS	0.50	81	A-	B-
ECE259H1	ELECTRICITY AND MAGNETISM	0.50	95	A+	B-
ECE286H1	PROBABILITY & STATISTICS	0.50	97	A+	B+
JRE300H1	FUND. OF ACCOUNTING & FINANCE	0.50	90	A+	B
PHY294H1	QUANTUM AND THERMAL PHYSICS	0.50	90	A+	B-

May proceed

2019 SUMMER - BASC IN ENGINEERING SCIENCE - DIVISION OF ENGINEERING SCIENCE

Credit earned: 0.00

Exchange: Exchange Agreement between U of T and the National University of Singapore - outgoing U of T student

2019 FALL - BASC IN ENGINEERING SCIENCE (MAJOR IN MACHINE INTELLIGENCE) - DIVISION OF ENGINEERING SCIENCE

SESSIONAL GPA: **3.94** CUMULATIVE GPA: **3.93**

SESSIONAL PERS: **91.6**

STATUS: **PASS WITH HONOURS**

CRS CODE	TITLE	WGT	MRK	GRD	CRS AVG
CHE374H1	ECO.ANA.& DEC.MAKING	0.50	98	A+	B+
ECE324H1	INTRO TO MACHINE INTELLIGENCE	0.50	82	A-	B+
ECE355H1	SIGNAL ANALYSIS & COMMUNICATION	0.50	97	A+	B
ECE358H1	FOUNDATIONS OF COMPUTING	0.50	91	A+	B+
ECE367H1	MATRIX ALGEBRA & OPTIMIZATION	0.50	90	A+	B-
ESC301H1	ENG. SCI:OPTION SEMINAR	0.25		IPR	

May proceed

2020 WINTER - BASC IN ENGINEERING SCIENCE (MAJOR IN MACHINE INTELLIGENCE) - DIVISION OF ENGINEERING SCIENCE

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: **4.00** ANNUAL GPA: **3.97** CUMULATIVE GPA: **3.94**

SESSIONAL PERS: **94.0**

STATUS: **PASS WITH HONOURS**

CRS CODE	TITLE	WGT	MRK	GRD	CRS AVG
CSC343H1	Intro to Databases	0.50	94	A+	B
ECE353H1	SYSTEMS SOFTWARE	0.50	89	A	B+
ECE368H1	PROBABILISTIC REASONING	0.50	96	A+	B-
ECE421H1	INTRO. TO MACHINE LEARNING	0.50	96	A+	A-
ESC301H1	ENG. SCI:OPTION SEMINAR	0.25		CR	*
ROB311H1	ARTIFICIAL INTELLIGENCE	0.50	95	A+	A-

May proceed

2020 FALL - BASC IN ENGINEERING SCIENCE (MAJOR IN MACHINE INTELLIGENCE) - DIVISION OF ENGINEERING SCIENCE

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



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2021 WINTER - BASC IN ENGINEERING SCIENCE (MAJOR IN MACHINE INTELLIGENCE) - DIVISION OF ENGINEERING SCIENCE

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

2021 FALL - BASC IN ENGINEERING SCIENCE (MAJOR IN MACHINE INTELLIGENCE) - DIVISION OF ENGINEERING SCIENCE

CRS CODE	TITLE	WGT	MRK	GRD	CRS AVG
CSC420H1	Intro Image Unstand	0.50		IPR	
ESC499Y1	THESIS	1.00		IPR	
MIE429H1	MACHINE INTEL. CAPSTONE DESIGN	0.50		IPR	
MIE451H1	DECISION SUPPORT SYS	0.50		IPR	
MUS200H1	Mus of Worlds Peoples	0.50		IPR	
MUS202H1	Beethoven	0.50		IPR	

2022 WINTER - BASC IN ENGINEERING SCIENCE (MAJOR IN MACHINE INTELLIGENCE) - DIVISION OF ENGINEERING SCIENCE

CRS CODE	TITLE	WGT	MRK	GRD	CRS AVG
CSC401H1	Natural Lang Compt	0.50		IPR	
CSC413H1	Neural Nets and Deep Learning	0.50		IPR	
ECE419H1	DISTRIBUTED SYSTEMS	0.50		IPR	
ESC499Y1	THESIS	1.00		IPR	
MIE424H1	OPTIMIZAT. IN MACHINE LEARNING	0.50		IPR	
STA410H1	Statistical Comput	0.50		IPR	

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.

Angelique Sawczko
University Registrar

End of Transcript

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.

University of Toronto
Guide to Transcript

Effective September 1998

Grade Meanings	Undergraduate Grade Scale		Grade Point Value	Graduate Grade Scale	
	Refined Letter Grade Scale	Numerical Scale of Marks		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%.

End of Guide