Centennial College Official Document Cover Page

Centennial College official documents are issued directly through MyCreds™ which is owned by the Association of Registrars of the Universities and Colleges of Canada (ARUCC) and powered by Digitary, a trusted international verified digital credential platform. MyCreds™ ensures document authenticity. When transcripts, credentials, and any other documents are issued through MyCreds™, they are verifiable, secure, and include a cryptographic signature.

If you have received notification of this document and a link to access it through MyCreds™, you are viewing a certified official document that you can trust. A document routed to you as an attachment from an individual personal email is not official and may not reflect the most recent version.

When viewed in PDF format in Adobe 9.0 or later, this document has a number of security features described below. These security features do not apply to a printed copy. Under no circumstance should a printed copy be relied upon as it could be subject to tampering. This document is shared as a single-use transaction between the learner and the recipient and downloads are for record keeping purposes only. Forwarding or reproducing this document will render the document not valid.

Security information
To verify the authenticity of the digital document, make sure you are accessing it online via a link to the document on MyCreds™. The link will start with https://learner.mycreds.ca.

When viewed in PDF format in Adobe 9.0 (or later), the digital signature of the document should be interpreted as follows:

The blue-ribbon symbol signifies that the contents of the document have not been altered after it was downloaded. It does not signify its currency (it may have been revoked or replaced by the institution or organization with a more up to date document). If the document does not display a valid certification and signature message, reject this document immediately.

This symbol with a red cross signifies that the issued document is invalid. An invalid digital certificate display means either the digital signature is not authentic, or the document has been altered. A document with an invalid digital signature display should be rejected.

This symbol signifies that the Author is Unknown. Author Unknown can have two possible meanings: The document is a self-signed document or has been issued by an unknown or untrusted authority and therefore has not been trusted. If you receive this message, make sure you are properly connected to the internet. If you have a connection and you still cannot validate the digital signature on-line, reject this document.

This symbol indicates that Adobe needs to validate the signatures. You will need to follow the instructions to validate the signature. Should the signature validate successfully, you will be presented with the blue-ribbon symbol above. If it cannot validate the signature, the red cross will be presented.

This document is available for viewing until the expiry date set by the Learner. If your access has expired, you will need to contact the Learner to request a new share of the document. MyCreds™ cannot reissue documents.

For details about Centennial College grading scales, please refer to the institutional legend.

For more information regarding electronic documents, see Recipient FAQs (employers, institutions, security and legal validity, verifying documents) https://mycreds.ca/verifiers/#verify-faq

CENTENNIAL COLLEGE

Enrolment Services
P.O. Box 631, Station A
Toronto, Ontario   M1K 5E9

OFFICIAL TRANSCRIPT

Page: 1

Student: Shibo Wang
ID: 301200419
Date Issued: 23-DEC-2024
Level: Post Secondary

Issued To: Shibo Wang

OFFICIAL SIGNATURE

OFFICIAL TRANSCRIPTS BEAR SIGNATURE STAMP
OF THE REGISTRAR OR DESIGNATE

Course Level: Post Secondary
Student Type: Returning Regular
Only Admit: Fall 2021

Degrees Awarded Ontario College Adv. Diploma 13-DEC-2024
  Ehrs: 167.000 QPts: 734.000
  GPA-Hrs: 167.000 GPA: 4.395
Primary Degree
         Major : Soft Eng Tchy - AI COOP ODL
         Inst. Honors: with High Honours

SUBJ	NO.	COURSE TITLE	CRED	GRD	R PTS

INSTITUTION CREDIT:

Fall 2021
  Eng. Tech. & Applied Science
  Software Eng Technology

SUBJ	NO.	COURSE TITLE	CRED	GRD	R PTS
COMM	161	College Communications 1 (ESL)	3.000	B+	10.500
COMP	100	Programming 1	4.000	A+	18.000
COMP	120	Software Engineering Fundament	4.000	A	16.000
COMP	213	Web Interface Design	4.000	A	16.000
GNED	230	Happiness:LivingYourBestLife	3.000	A	12.000
MATH	175	Functions & Number Systems	3.000	A+	13.500

  Ehrs: 21.000 QPts: 86.000
  GPA-Hrs: 21.000 GPA: 4.095

******************** CONTINUED ON NEXT COLUMN ********************

Institution Information continued:

Winter 2022
  Eng. Tech. & Applied Science
  Software Eng Technology

SUBJ	NO.	COURSE TITLE	CRED	GRD	R PTS
COMM	171	College Communications 2 (ESL)	3.000	A	12.000
COMP	122	Introduction To Database Conce	4.000	A+	18.000
COMP	123	Programming 2	4.000	A+	18.000
COMP	125	Client-Side Web Development	4.000	A+	18.000
COMP	225	Software Requirements Engng	4.000	A+	18.000
COMP	301	Unix/Linux Operating Systems	4.000	A+	18.000
MATH	185	Discrete Mathematics	3.000	A+	13.500

  Ehrs: 26.000 QPts: 115.500
  GPA-Hrs: 26.000 GPA: 4.442

Fall 2022
  Eng. Tech. & Applied Science
  Soft Eng Tchy - AI COOP ODL

SUBJ	NO.	COURSE TITLE	CRED	GRD	R PTS
COMP	228	Java Programming	4.000	A+	18.000
COMP	229	Web Application Development	4.000	A+	18.000
COMP	237	Introduction to AI	4.000	A+	18.000

******************** CONTINUED ON PAGE 2 ********************

OFFICIAL TRANSCRIPT

Enrolment Services
P.O. Box 631, Station A
Toronto, Ontario   M1K 5E9

CENTENNIAL COLLEGE

Student: Shibo Wang
ID: 301200419
Date Issued: 23-DEC-2024
Level: Post Secondary

Page: 2

OFFICIAL SIGNATURE

OFFICIAL TRANSCRIPTS BEAR SIGNATURE STAMP
OF THE REGISTRAR OR DESIGNATE

SUBJ	NO.	COURSE TITLE	CRED	GRD	R PTS
Institution Information continued:					
COMP	246	Software Systems Design	4.000	A+	18.000
COOP	321	Employment Preparation	1.000	A+	4.500
GNED	500	Global Citizenship	3.000	A	12.000
MATH	210	Linear Algebra & Statistics	4.000	A+	18.000
Ehrs:	24.000	QPts:	106.500		
GPA-Hrs:	24.000	GPA:	4.437		

Winter 2023
Eng. Tech. & Applied Science
Soft Eng Tchy - AI COOP ODL

SUBJ	NO.	COURSE TITLE	CRED	GRD	R PTS
COMP	214	Advanced Database Concepts	4.000	A+	18.000
COMP	216	Networking for Sftwr Dvlprs	4.000	A+	18.000
COMP	247	Supervised Learning	4.000	A+	18.000
COMP	254	Data Structures and Algorithms	4.000	A+	18.000
COMP	311	Software Testing & Quality	4.000	A+	18.000
ENGL	253	Advanced Busn. Communications	3.000	A+	13.500

******************** CONTINUED ON NEXT COLUMN ********************

SUBJ	NO.	COURSE TITLE	CRED	GRD	R PTS
Institution Information continued:					
Ehrs:	23.000	QPts:	103.500		
GPA-Hrs:	23.000	GPA:	4.500		

Summer 2023
Eng. Tech. & Applied Science
Soft Eng Tchy - AI COOP ODL

SUBJ	NO.	COURSE TITLE	CRED	GRD	R PTS
COOP	222	Co-Op Work Placement 1	10.000	A+	45.000
Ehrs:	10.000	QPts:	45.000		
GPA-Hrs:	10.000	GPA:	4.500		

Fall 2023
Eng. Tech. & Applied Science
Soft Eng Tchy - AI COOP ODL

SUBJ	NO.	COURSE TITLE	CRED	GRD	R PTS
COOP	331	Co-Op Work Placement 2	10.000	A+	45.000
Ehrs:	10.000	QPts:	45.000		
GPA-Hrs:	10.000	GPA:	4.500		

Winter 2024
Eng. Tech. & Applied Science
Soft Eng Tchy - AI COOP ODL

SUBJ	NO.	COURSE TITLE	CRED	GRD	R PTS
CNET	307	IT Project Management	3.000	B+	10.500
COMP	255	Bsns & Entrepreneurship - SET	3.000	A+	13.500
COMP	258	Neural Networks	4.000	A+	18.000
COMP	261	AI Ethics & Data Governance	3.000	A	12.000
COMP	264	Cloud Machine Learning	3.000	A+	13.500

CENTENNIAL COLLEGE

Enrolment Services
P.O. Box 631, Station A
Toronto, Ontario   M1K 5E9

Student: Shibo Wang
ID: 301200419
Date Issued: 23-DEC-2024
Level: Post Secondary

SUBJ	NO.	COURSE TITLE	CRED	GRD	R PTS
Institution Information continued:					
COMP	304	Mobile Apps Development	4.000	A+	18.000
	Ehrs:	20.000 QPts:	85.500		
	GPA-Hrs:	20.000 GPA:	4.275		
Summer 2024					
Eng. Tech. & Applied Science					
Soft Eng Tchy - AI COOP ODL					
COOP	332	Co-Op Work Placement 3	10.000	A+	45.000
	Ehrs:	10.000 QPts:	45.000		
	GPA-Hrs:	10.000 GPA:	4.500		
Fall 2024					
Eng. Tech. & Applied Science					
Soft Eng Tchy - AI COOP ODL					
COMP	251	Big Data Tools - Machine Lrng	4.000	A+	18.000
COMP	257	Unsupervised & Reinfrcmt Lrng	4.000	A+	18.000
COMP	262	Natural Language & Recom Sys	4.000	A+	18.000
COMP	263	Deep Learning	4.000	A+	18.000
COMP	385	AI Capstone Project	4.000	A+	18.000
GNED	140	Healthy Lifestyle Management	3.000	A	12.000

******************* CONTINUED ON NEXT COLUMN *******************

SUBJ	NO.	COURSE TITLE	CRED	GRD	R PTS
Institution Information continued:					
	Ehrs:	23.000 QPts:	102.000		
	GPA-Hrs:	23.000 GPA:	4.434		
******************** TRANSCRIPT TOTALS ********************					
INSTITUTION	Ehrs:	167.000 QPts:	734.000		
	GPA-Hrs:	167.000 GPA:	4.395		
TRANSFER	Ehrs:	0.000 QPts:	0.000		
	GPA-Hrs:	0.000 GPA:	0.000		
************ End of Post Secondary Academic Record ************					

EXPLANATORY NOTES:

* Established in 1966, Centennial College of Applied Arts and Technology is the first college of applied arts and technology incorporated by the Government of Ontario, Canada.

Transfer Credits (Advance Standing)
Courses taken at another institution (or work experience in special circumstances) prior to admission into Centennial College, and recognized as part of the student's program are listed on the transcript. These courses are not entered into the calculation of the grade point average. If grades for transfer-credit courses are required, the student must request a transcript directly from the institution concerned.

Release of Information
The Freedom of Information and Protection of Privacy Act which was introduced in 1987 by the government of Ontario, Canada, prohibits the release of this record or disclosure of its contents to any third party without the written consent of the student.

Course Title
The course title is the descriptive name of the course.

GRD (Grade)
The grade is a rating or evaluation of a student's achievement in a course. At Centennial College, grades are expressed on a letter scale. Only courses graded with A+, A, B+, B, C+, C, D+, D, F and U are used in the calculation of grade-point average (GPA).

CRED (Credit Hours)
A credit hour is the unit by which the institution measures its course work.

AHRS (Attempted Hours)
These are the number of academic credit hours assigned to a course in which the student enrolled and received a grade. Attempted hours are not included for a course in which a grade of WNP (withdrew without academic penalty) is assigned.

EHRS (Earned Hours)
These are the number academic credit hours earned that will apply to the student's certificate or diploma requirements.

GPA-Hrs (GPA Hours)
These are academic credit hours used in calculating the student's grade point average (GPA).

Grade-Point
The numerical value (see grade system) assigned to a letter grade in order to provide a basis for quantitative determination of a grade-point average (GPA).

QPts (Quality Points)
These are calculated based upon the quality hours and grades received. Each grade has a fixed number of grade points associated with it. When a student is graded, the grade points for grade are multiplied by the quality hours to derive the quality points. The quality points are then divided by the quality hours to determine the grade-point average (GPA).

GPA (Grade-Point Average)
This is a measure of scholastic performance over a set of courses obtained by dividing the sum of the quality points by the total number of the quality hours.

"I" Grade (Incomplete)
An "I" grade indicates the student was doing satisfactory work, but was unable to complete required course work for some reason beyond his/her control. The student has up to 12 calendar months after the scheduled end of the course to complete required additional work as determined by the teacher who assigned the "I" and to thereby qualify for a passing grade. After 12 calendar months outstanding "I" grades are converted to "F" or "U", and thereafter, the course must be repeated to achieve a passing grade.

R (Repeat Indicator)
When a course is repeated, the repeat indicator identifies which course is included in the GPA calculation. A value of "I" indicates that the course was included in the calculation. A value of "E" indicates the course was excluded from the GPA calculation.

Authenticity of Transcript
This transcript format was introduced by Centennial College in the Summer semester of 2006. The transcript is official if the signature of the registrar or designate appears at the upper right side on the face of the transcript. When an official printed transcript is copied in colour or in black and white, the word COPY appears prominently across the face of the entire document. A black and white document is NOT an original.
An electronic copy is considered official when issued through myCreds.ca.

GRADE SYSTEM EFFECTIVE SUMMER SEMESTER 2006

LETTER GRADE	GRADE DESCRIPTION	NUMERICAL EQUIVALENTS	GRADE POINT
A+	Outstanding Achievement	90-100	4.5
A	Excellent Achievement	80-89	4.0
B+	Very Good Achievement	75-79	3.5
B	Good Achievement	70-74	3.0
C+	Satisfactory Achievement	65-69	2.5
C	Acceptable Achievement	60-64	2.0
D+	Pass	55-59	1.5
D	Pass	50-54	1.0
F	Failure	0-49	0
FNA	Failure Non-Attendance		*
P	Pass (GPA Neutral)		*
I	Incomplete		*
CIP	Course in Progress		*
AEG	Aegrotat Standing		*
AUD	Audit Status		*
GNR	Grade Not Reported		*
NR	Grade Not Yet Reported		*
SUB	Substitution of One Required Course by Another		*
WNP	Withdraw Without Academic Penalty		*
NGR	No Grade Required		*
TCR	Transfer Credit		*
EXW	Exceptional Waiver		*

* Not computed in GPA

GRADE SYSTEM USED PRIOR TO SUMMER SEMESTER 2006

LETTER GRADE	GRADE DESCRIPTION	NUMERICAL EQUIVALENTS	GRADE POINT
A+	Outstanding Achievement	90-100	4.5
A	Excellent Achievement	80-89	4.0
B+	Very Good Achievement	75-79	3.5
B	Good Achievement	70-74	3.0
C+	Satisfactory Achievement	65-69	2.5
C	Acceptable Achievement	60-64	2.0
D+	Pass	55-59	1.5
D	Pass	50-54	1.0
U	Unsatisfactory	0-49	0
I	Incomplete		*
S	Satisfactory (GPA Neutral)		*
CIP	Course in Progress		*
AEG	Aegrotat Standing		*
AUD	Audit Status		*
GNR	Grade Not Reported		*
SUB	Substitution of One Required Course by Another		*
WNP	Withdraw Without Academic Penalty		*
NGR	No Grade Required		*
TCR	Transfer Credit		*
EXW	Exceptional Waiver		*
NR	Grade Not Yet Recorded		*

* Not computed in GPA

** GPA Note: The grade system introduced in Fall 1992 allows for a maximum GPA of 4.5 The maximum GPA under the previous system was 4.0 hence, should a student's performance be graded by both old (pre-Fall'92) and new (effective Fall'92) grade systems, the maximum GPA avilable to this student is "more than 4.0 but less than 4.5" To accurately assess the student's performance, the reader should refer to "Current GPA" which is a per semester GPA and which is restricted to one grade system

GRADE SYSTEM USED PRIOR TO FALL SEMESTER 1992
Primary Grade System

LETTER GRADE	GRADE DESCRIPTION	NUMERICAL EQUIVALENTS	GRADE POINT
A	Consistently Outstanding Achievement	80-100	4
B	Very Good Achievement	70-79	3
C	Acceptable Achievement	60-69	2
D	Below Average Achievement	50-59	1
X	No Grade	0-49	0
E	Equivalent Substitute/Waivers		
I	Incomplete		
J	Successful Completion Special Interest Course Only		
K	Course Cancelled by the College		
Q	Approved Equivalent Course Taken External to Centennial College		
R	Registered Auditor		
S	Duration of this Course Continues Beyond the Period Covered by this Grade Report		
W	Withdrawal in Good Standing		
Z	Advanced Standing		
GU	Grade Unavailable		

Apprenticeship Grade System

LETTER GRADE	GRADE DESCRIPTION	NUMERICAL EQUIVALENTS	GRADE POINT
A	Excellent	81-100	4
B	Above Average	66-80	3
C	Average	53-65	2
D	Below Average	48-52	1
F	Failure	0-47	0
GU	Grade Unavailable		