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

OFFICIAL TRANSCRIPT

Page: 1

Student: Dongli Liu ID: 301268638 Date Issued: 07-SEP-2023 Level: Post Secondary

Issued To: Dongli Liu

OFFICIAL SIGNATURE

OFFICIAL TRANSCRIPTS BEAR SIGNATURE STAMP

	Post Secondary AL COLLEGE CENT Returning Regular ENTENNIAL COL Fall 2022 NAME COLLEGE CENT			
SUBJ NO.	EGE CENTENNIAL COLLEGE CENT NNIAL COLLEGE CENTENNIAL COL EGE CENTENNIAL COLLEGE CENT	CRED	GRD PTS	OLLEGE NTENNIA OLLEGE
INSTITUTION CR	NNIAL COLLEGE CENTENNIAL COL EDIT: CENTENNIAL COLLEGE CENT			
Software Eng	Applied Science Techy - AI ODL			
COMM 161	College Communications 1 (ESL)	3.000	CEN	12.000
COMP 100	Programming 1	4.000	A+	18.000
COMP 120 COLL	Software Engineering Fundament	4.000		18.000
COMP 213 COLL	Web Interface Design LEGE CENT	4.000	A+	18.000
GNED 228	AI: Are Robots People, Too?	3.000	A	12.000
MATH 175 ENTE	Functions & Number Systems	3.000	A+	13.500
Ehrs:	21.000 QPts: CENTENNAL 91.			
Software Eng	Applied Science Techy - AI ODL	ENNIA LEGE ENNIA		
COMM 171	College Communications 2 (ESL)	3.000	A+ CEN	13.500
COMP 122	Introduction To Database Conce	4.000	A+CCEN	18.000
******	****** CONTINUED ON NEXT COLUMN ***	*****	****	*****

CSUBJENNO.AL L COLLEGE C	COLLEGE C COURSE TITLE OLLEGE	GE CE	CRED		
Institution	Information continued:	AL OL		- ^ -	CENTEN
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		
CENTENNIAL	COLLEGE CENTENNIAL COLLEG		NTEN		
COMP 301	EN Unix/Linux Operating Systems		4.000	A+	
MATH 185	Discrete Mathematics		3.000	NIA	18.000
MAIH 185	Discrete Mathematics		3.000	Α+	13.500
CENTENNIAL Ehrs:	26.000 OPts:	117.0	nno EN		IL TOUTE
GPA-Hrs:	26.000 GPA:	4.5			
CENTENNIAL	COLLEGE CENTENNIAL COLLEG	GE ĈE	NTEN		
Summer 2023					
Eng. Tech.	& Applied Science				
(Software E	Ing Techy - AI ODLEGE CENTEN				
COMP 246	Software Systems Design		4.000	A+	
					18.000
Ehrs:	4.000 QPts:	18.0	000		
GPA-Hrs:	4.000 GPA:	4.5	500		
CENTENNIAL					
Fall 2023					
IN PROGRESS	WORK Java Programming	VIAL C	1 000	TAT	PROGRESS
COMP 228					PROGRESS
COMP 223	Introduction to AI				PROGRESS
COOP 421	Employment Preparation				PROGRESS
GNED 500	Global Citizenship				PROGRESS
MATH 210	Linear Algebra & Statistics				PROGRESS
		.000			
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Page:

****** TRANSCRIPT TOTALS *****

Student: Dongli Liu ID: 301268638 Date Issued: 07-SEP-2023

Level: Post Secondary

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Ehrs: 51.000 QPts: 226.500 51.000 GPA: 4.441 GPA-Hrs: TRANSFER 0.000 QPts: 0.000 GPA-Hrs: 0.000 0.000 GPA: ****** 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 NOTI an original.

An electronic copy is considered official when issued through myCreds.ca.

GRADE SYSTEM EFFECTIVE SUMMER SEMESTER 2006

LETTER	GRADE DESCRIPTION	NUMERICAL	GRADE	
GRADE		EQUIVALENTS	POINT	
A+	Outstanding Achievement	90-100	4.5	
A	Excellent Achievement	80-89	4.0	
B+	Very Good Achievement	75-79	3.5	
В	Good Achievement	70-74	3.0	
C+	Satisfactory Achievement	65-69	2.5	
С	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		15	
P	Pass (GPA Neutral)			ı
1	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		*	
	GRADE A+ A B+ B C+ C D+ D F FNA P I CIP AEG AUN GNR SUB WNGR TCR	GRADE A+ Outstanding Achievement B+ Very Good Achievement B- Good Achievement C+ Satisfactory Achievement C- Acceptable Achievement D+ Pass D- Pass F- Failure 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 WMP Withdraw Without Academic Penalty NGR NGR Required TCR Transfer Credit	GRADE	GRADE A+ Outstanding Achievement BOUNALENTS POINT A Excellent Achievement 80-89 4.5 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 * * Grade Not Reported * * NR Grade Not Yet Reported * NGR Substitution of One Required Course by Another * </td

* Not computed in GPA

GRADE SYSTEM USED PRIOR TO SUMMER SEMESTER 2006

	LETTER	GRADE DESCRIPTION	NUMERICAL	GRADE	
1	GRADE		EQUIVALENTS	POINT	
-	A+	Outstanding Achievement	90-100	4.5	
1	A	Excellent Achievement	80-89	4.0	
-	B+	Very Good Achievement	75-79	3.5	
1	В	Good Achievement	70-74	3.0	
1	C+	Satisfactory Achievement	65-69	2.5	
-	C	Acceptable Achievement	60-64	2.0	
-1	D+	Pass	55-59	1.5	
-	D	Pass	50-54	1.0	
-	U	Unsatisfactory	0-49	0	
1	1	Incomplete		*	
1	S	Satisfactory (GPA Neutral)		*	
-	CIP	Course in Progress		*	
-	AEG	Aegrotat Standing		×2	
-	AUD	Audit Status			
-	GNR	Grade Not Reported			
-	SUB	Substitution of One Required Course by Another			
1	WNP	Withdraw Without Academic Penalty			
	NGR	No Grade Required		*	
-	TCR	Transfer Credit		*	
-	EXW	Exceptional Waiver			
	NR	Grade Not Yet Recorded			
- 1	1		T. Company		

Not computed in GPA

GRADE SYSTEM USED PRIOR TO FALL SEMESTER 1992 Primary Grade System

LETTER	GRADE DESCRIPTION	NUMERICAL FOUIVALENTS	GRADE
			POINT
A	Consistently Outstanding Achievement	80-100	4
В	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		
	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		
l w	Withdrawal in Good Standing		
Z	Advanced Standing		
GU	Grade Unavailable		,

Apprenticeship Grade System

LETTER	GRADE DESCRIPTION	NUMERICAL	GRADE
GRADE		EQUIVALENTS	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		

^{**} 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 avriable 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.