

Undergraduate Unofficial Transcript

Name: Chung, Colin Daniel
Student ID: 20768822
Ontario Education Nbr: 861263622

Beginning of Undergraduate Record

Fall 2018

Program: Computer Engineering, Honours, Co-operative Program
Level: 1A Load: Full-Time Form Of Study: Enrolment

<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
ECE	105	Classical Mechanics	0.50	0.50	82
ECE	150	Fundamentals of Programming	0.50	0.50	93
ECE	190	Engineering Profession and Practice	0.25	0.25	93
GENE	191	Communication in the Engineering Profession	0.50	0.50	85
MATH	115	Linear Algebra for Engineering	0.50	0.50	85
MATH	117	Calculus 1 for Engineering	0.50	0.50	85
			<u>In GPA</u>	<u>Earned</u>	
Term GPA	86.64	Term Totals	2.75	2.75	
Cumulative GPA	86.64	Cumulative Totals	2.75	2.75	
Academic Standing: Excellent standing Effective 01/18/2019					

Winter 2019

Program: Computer Engineering, Honours, Co-operative Program
Level: 1A Load: Part-Time Form Of Study: Co-op Work Term

<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
COOP	1	Co-operative Work Term	0.50	0.00	CR
PD	20	Engineering Workplace Skills I: Developing Reasoned Conclusions	0.50	0.50	CR
			<u>In GPA</u>	<u>Earned</u>	
Term GPA	0.00	Term Totals	1.00	0.50	
Cumulative GPA	86.64	Cumulative Totals	2.75	3.25	

Spring 2019

Program: Computer Engineering, Honours, Co-operative Program
Level: 1B Load: Full-Time Form Of Study: Enrolment

<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
ECE	106	Electricity and Magnetism	0.50	0.50	69
ECE	108	Discrete Mathematics and Logic 1	0.50	0.50	93
ECE	124	Digital Circuits and Systems	0.50	0.50	87
ECE	140	Linear Circuits	0.50	0.50	85
ECE	192	Engineering Economics and Impact on Society	0.25	0.25	93
MATH	119	Calculus 2 for Engineering	0.50	0.50	81
WKRPT	201	Work-term Report	0.13	0.13	89
<i>Degree Requirement, Not in Avg, Not in Fail Count</i>					
			<u>In GPA</u>	<u>Earned</u>	
Term GPA	83.91	Term Totals	2.88	2.88	
Cumulative GPA	85.27	Cumulative Totals	5.50	6.13	
Academic Standing: Excellent standing Effective 09/18/2019					

Fall 2019

Program: Computer Engineering, Honours, Co-operative Program
Level: 1B Load: Part-Time Form Of Study: Co-op Work Term

<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
COOP	2	Co-operative Work Term	0.50	0.00	CR
PD	21	Engineering Workplace Skills II: Developing Effective Plans	0.50	0.50	CR
			<u>In GPA</u>	<u>Earned</u>	
Term GPA	0.00	Term Totals	1.00	0.50	
Cumulative GPA	85.27	Cumulative Totals	5.50	6.63	

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Winter 2020

Program: Computer Engineering, Honours, Co-operative Program
Level: 2A Load: Full-Time Form Of Study: Enrolment

COVID-19 impacted assessment methods and performance in many courses this term.

<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
ECE	109	Materials Chemistry for Engineers	0.25	0.25	82
ECE	204	Numerical Methods	0.50	0.50	88
ECE	205	Advanced Calculus 1 for Electrical and Computer Engineers	0.50	0.50	85
ECE	222	Digital Computers	0.50	0.50	92
ECE	240	Electronic Circuits 1	0.50	0.50	71
ECE	250	Algorithms and Data Structures	0.50	0.50	88
WKRPT	301	Work-term Report	0.13	0.13	75
<i>Degree Requirement, Not in Avg, Not in Fail Count</i>					
			<u>In GPA</u>	<u>Earned</u>	
Term GPA	84.54	Term Totals	2.88	2.88	
Cumulative GPA	85.03	Cumulative Totals	8.25	9.51	
Academic Standing: Excellent standing Effective 05/27/2020					

Spring 2020

Program: Computer Engineering, Honours, Co-operative Program
Level: 2A Load: Part-Time Form Of Study: Co-op Work Term

<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
COOP	3	Co-operative Work Term	0.50	0.00	CR
PD	22	Professionalism and Ethics in Engineering Practice	0.50	0.50	CR
			<u>In GPA</u>	<u>Earned</u>	
Term GPA	0.00	Term Totals	1.00	0.50	
Cumulative GPA	85.03	Cumulative Totals	8.25	10.01	

Fall 2020

Program: Computer Engineering, Honours, Co-operative Program
Level: 2B Load: Full-Time Form Of Study: Enrolment

<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
EARTH	123	Introductory Hydrology	0.50	0.50	86
ECE	203	Probability Theory and Statistics 1	0.50	0.50	82
ECE	207	Signals and Systems	0.50	0.50	82
ECE	208	Discrete Mathematics and Logic 2	0.50	0.50	95
ECE	224	Embedded Microprocessor Systems	0.50	0.50	87
ECE	252	Systems Programming and Concurrency	0.50	0.50	88
WKRPT	401	Work-term Report	0.13	0.13	89
<i>Degree Requirement, Not in Avg, Not in Fail Count</i>					
			<u>In GPA</u>	<u>Earned</u>	
Term GPA	86.67	Term Totals	3.13	3.13	
Cumulative GPA	85.47	Cumulative Totals	11.25	13.14	
Academic Standing: Excellent Standing Effective 01/21/2021					

Winter 2021

Program: Computer Engineering, Honours, Co-operative Program
Level: 2B Load: Part-Time Form Of Study: Co-op Work Term

<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
COOP	4	Co-operative Work Term	0.50	0.00	CR
PD	8	Intercultural Skills	0.50	0.50	CR
			<u>In GPA</u>	<u>Earned</u>	
Term GPA	0.00	Term Totals	1.00	0.50	
Cumulative GPA	85.47	Cumulative Totals	11.25	13.64	

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Spring 2021

Program: Computer Engineering, Honours, Co-operative Program
Level: 3A Load: Full-Time Form Of Study: Enrolment

<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
CLAS	104	Classical Mythology	0.50	0.50	89
ECE	298	Instrumentation and Prototyping Laboratory	0.25	0.25	85
ECE	318	Communication Systems 1	0.50	0.50	88
ECE	327	Digital Hardware Systems	0.50	0.50	84
ECE	350	Real-Time Operating Systems	0.50	0.50	88
ECE	380	Analog Control Systems	0.50	0.50	78
			<u>In GPA</u>	<u>Earned</u>	
Term GPA			85.36	2.75	2.75
Cumulative GPA			85.45	14.00	16.39
Academic Standing: Excellent Standing Effective 09/14/2021					

Fall 2021

Program: Computer Engineering, Honours, Co-operative Program
Level: 3B Load: Full-Time Form Of Study: Enrolment

<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
EARTH	121	Introductory Earth Sciences	0.50	0.50	84
ECE	307	Probability Theory and Statistics 2	0.50	0.50	99
ECE	320	Computer Architecture	0.50	0.50	77
ECE	356	Database Systems	0.50	0.50	70
ECE	358	Computer Networks	0.50	0.50	85
			<u>In GPA</u>	<u>Earned</u>	
Term GPA			83.00	2.50	2.50
Cumulative GPA			85.08	16.50	18.89
Academic Standing: Excellent Standing Effective 01/20/2022					

Winter 2022

Program: Computer Engineering, Honours, Co-operative Program
Level: 3B Load: Part-Time Form Of Study: Co-op Work Term

<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
COOP	5	Co-operative Work Term	0.50	0.00	CR
PD	12	Reflection and Learning in the Workplace	0.50	0.50	CR
			<u>In GPA</u>	<u>Earned</u>	
Term GPA			0.00	1.00	0.50
Cumulative GPA			85.08	16.50	19.39

Spring 2022

Program: Computer Engineering, Honours, Co-operative Program
Level: 4A Load: Full-Time Form Of Study: Enrolment

<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
ECE	454	Distributed Computing			
ECE	457A	Cooperative and Adaptive Algorithms			
ECE	458	Computer Security			
ECE	498A	Engineering Design Project			
HRM	200	Basic Human Resources Management			

Milestones

<u>Date Completed</u>	<u>Description</u>	<u>Status</u>
10/02/2018	Workplace Hazardous Materials	Completed
12/31/2018	Undergraduate Communication Requirement	Completed
04/30/2019	Work Term 1	Completed
08/31/2019	Work Report 2	Completed
12/31/2019	Work Term 2	Completed
04/30/2020	Work Report 3	Completed
08/31/2020	Work Term 3	Completed
12/31/2020	Work Report 4	Completed
04/30/2021	Work Term 4	Completed
04/30/2022	Work Term 5	Completed

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Scholarships and Awards

2019	University of Waterloo President's Scholarship of Distinction
2019	Faculty of Engineering Entrance Scholarship
2020	Faculty of Engineering Entrance Scholarship

End of Undergraduate Unofficial Transcript