# **Undergraduate Unofficial Transcript**

Name: Le, Dang Student ID: 21003537

Ontario Education Nbr: 953035714

# **Beginning of Undergraduate Record**

		Fall 2022			
Program: Level:	Computer E 1A	ngineering, Honours, Co-operative Program Form Of Study: Enrolment			
Course ARTS Course To	190	<u>Description</u> First-Year Topics in Arts Disciplines Comm in the Eng. Profession	Attempted 0.50	Earned 0.50	<u>Grade</u> 90
ECE	105	Classical Mechanics	0.50	0.50	65
ECE	150	Fundamentals of Programming	0.50	0.50	74
ECE	190	Engineering Profession and Practice	0.25	0.25	91
ECE	198	Project Studio	0.25	0.25	88
MATH	115	Linear Algebra for Engineering	0.50	0.50	78
MATH MTHEL	117	Calculus 1 for Engineering	0.50	0.50	80 CD
Course To	99	First-Year Mathematics Readiness First year readiness	0.00	0.00	CR
Course 10	ppic.	First year readiliess	In GPA	Earned	
Term GPA	١	79.42 Term Totals	3.00	3.00	
Cumulative	e GPA	79.42 Cumulative Totals	3.00	3.00	
Academic	Standing: Go	ood Standing Effective 01/19/2023			
_		Winter 2023			
Program: Level:	Computer E	ngineering, Honours, Co-operative Program Form Of Study: Co-op Work Term			
Level.	IA	Form Of Study. Co-op Work Term			
Course		Description	<u>Attempted</u>	Earned	<u>Grade</u>
COOP	1	Co-operative Work Term	0.50	0.00	CR
PD	19	Tactics for Workplace Success	0.50	0.50	CR
T 054		0.00 T . T. I	<u>In GPA</u>	<u>Earned</u>	
Term GPA	-	0.00 Term Totals	1.00	0.50	
Cumulative	e GPA	79.42 Cumulative Totals	3.00	3.50	
		Spring 2023			
Program: Level:	Computer E 1B	ngineering, Honours, Co-operative Program Form Of Study: Enrolment			
Course		Description	<u>Attempted</u>	Earned	Grade
ECE	106	Electricity and Magnetism	0.50	0.50	76
ECE	108	Discrete Mathematics and Logic 1	0.50	0.50	83
ECE	124	Digital Circuits and Systems	0.50	0.50	86
ECE	140	Linear Circuits	0.50	0.50	67
ECE	192	Engineering Economics and Impact on Society	0.25	0.25	84
MATH	119	Calculus 2 for Engineering	0.50 In GPA	0.50 Earned	77
Term GPA	1	78.36 Term Totals	2.75	2.75	
Cumulative		78.91 Cumulative Totals	5.75	6.25	
Academic	Standing: Go	ood Standing Effective 09/14/2023			
		Fall 2022			
Program: Level:	Computer E 1B	Fall 2023 ngineering, Honours, Co-operative Program Form Of Study: Co-op Work Term			
Course		Description	Attempted	Earned	<u>Grade</u>
				0.00	CR
COOP	2	Co-operative Work Term	0.50	0.00	CK
	2 20	Co-operative Work Term Strategies for Career Success	0.50	0.50	CR
COOP PD	20	Strategies for Career Success	0.50 <u>In GPA</u>	0.50 <u>Earned</u>	
COOP	20 A		0.50	0.50	

# **Undergraduate Unofficial Transcript**

Name: Le, Dang Student ID: 21003537

Ontario Education Nbr: 953035714

### Winter 2024

Program: Level:		ineering, Honours, Co-operative Program form Of Study: Enrolment			
Course		<u>Description</u>	<u>Attempted</u>	Earned	<u>Grade</u>
ECE	109	Materials Chemistry for Engineers	0.25	0.25	64
ECE	204	Numerical Methods	0.50	0.50	84
ECE	205	Advanced Calculus 1 for Electrical and Computer	0.50	0.50	90
		Engineers			
ECE	222	Digital Computers	0.50	0.50	87
ECE	240	Electronic Circuits 1	0.50	0.50	71
ECE	250	Algorithms and Data Structures	0.50	0.50	85
T OD/		OA CA Tarra Tatala	In GPA	Earned	
Term GPA		81.64 Term Totals 79.79 Cumulative Totals	2.75 8.50	2.75 9.50	
Cumulativ		Pllent Standing Effective 05/16/2024	0.30	9.50	
Academic	Standing. Exce	ellerit Standing Effective 05/16/2024			
Drogram:	Computer Eng	Spring 2024			
Program: Level:		ineering, Honours, Co-operative Program form Of Study: Co-op Work Term			
LCVCI.	2/1	om or olday. Go op work rom			
Course		Description	Attempted	Earned	Grade
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	
Cumulativ	e GPA	79.79 Cumulative Totals	8.50	10.00	
		Fall 2024			
Program:		ineering, Honours, Co-operative Program			
Program: Level:					
Level:		ineering, Honours, Co-operative Program form Of Study: Enrolment	A.,		0 1
Level:	2B F	ineering, Honours, Co-operative Program form Of Study: Enrolment  Description	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
Level: <u>Course</u> ECE	2B F	ineering, Honours, Co-operative Program form Of Study: Enrolment  Description Probability Theory and Statistics 1	0.50	0.50	61
Level:  Course ECE ECE	2B F	ineering, Honours, Co-operative Program form Of Study: Enrolment  Description Probability Theory and Statistics 1 Signals and Systems	0.50 0.50	0.50 0.50	61 65
Level:  Course ECE ECE ECE	2B F	ineering, Honours, Co-operative Program form Of Study: Enrolment  Description Probability Theory and Statistics 1 Signals and Systems Discrete Mathematics and Logic 2	0.50 0.50 0.50	0.50 0.50 0.50	61 65 77
Course ECE ECE ECE ECE ECE	2B F 203 207 208 224	ineering, Honours, Co-operative Program form Of Study: Enrolment  Description Probability Theory and Statistics 1 Signals and Systems Discrete Mathematics and Logic 2 Embedded Microprocessor Systems	0.50 0.50 0.50 0.50	0.50 0.50 0.50 0.50	61 65 77 82
Course ECE ECE ECE ECE ECE ECE	2B F 203 207 208 224 252	ineering, Honours, Co-operative Program form Of Study: Enrolment  Description Probability Theory and Statistics 1 Signals and Systems Discrete Mathematics and Logic 2 Embedded Microprocessor Systems Systems Programming and Concurrency	0.50 0.50 0.50 0.50 0.50	0.50 0.50 0.50 0.50 0.50	61 65 77 82 72
Course ECE ECE ECE ECE ECE	2B F 203 207 208 224	ineering, Honours, Co-operative Program form Of Study: Enrolment  Description Probability Theory and Statistics 1 Signals and Systems Discrete Mathematics and Logic 2 Embedded Microprocessor Systems	0.50 0.50 0.50 0.50 0.50 0.50	0.50 0.50 0.50 0.50 0.50 0.50	61 65 77 82
Course ECE ECE ECE ECE ECE ECE	2B F  203 207 208 224 252 298	ineering, Honours, Co-operative Program form Of Study: Enrolment  Description Probability Theory and Statistics 1 Signals and Systems Discrete Mathematics and Logic 2 Embedded Microprocessor Systems Systems Programming and Concurrency	0.50 0.50 0.50 0.50 0.50	0.50 0.50 0.50 0.50 0.50	61 65 77 82 72
Course ECE ECE ECE ECE ECE ECE ECE	2B F  203 207 208 224 252 298	ineering, Honours, Co-operative Program form Of Study: Enrolment    Description	0.50 0.50 0.50 0.50 0.50 0.25 In GPA	0.50 0.50 0.50 0.50 0.50 0.25 Earned	61 65 77 82 72
Course ECE ECE ECE ECE ECE ECE CCE CCE CCE CUmulativ	2B F  203 207 208 224 252 298  A e GPA	ineering, Honours, Co-operative Program form Of Study: Enrolment    Description	0.50 0.50 0.50 0.50 0.50 0.25 In GPA 2.75	0.50 0.50 0.50 0.50 0.50 0.25 <u>Earned</u> 2.75	61 65 77 82 72
Course ECE ECE ECE ECE ECE ECE CCE CCE CCE CUmulativ	2B F  203 207 208 224 252 298  A e GPA	ineering, Honours, Co-operative Program form Of Study: Enrolment    Description	0.50 0.50 0.50 0.50 0.50 0.25 In GPA 2.75	0.50 0.50 0.50 0.50 0.50 0.25 <u>Earned</u> 2.75	61 65 77 82 72
Course ECE ECE ECE ECE ECE CCE CCE CUmulativ Academic	2B F  203 207 208 224 252 298  A e GPA Standing: Goo	ineering, Honours, Co-operative Program form Of Study: Enrolment    Description	0.50 0.50 0.50 0.50 0.50 0.25 In GPA 2.75	0.50 0.50 0.50 0.50 0.50 0.25 <u>Earned</u> 2.75	61 65 77 82 72
Course ECE ECE ECE ECE ECE CCE CUMUlativ Academic	2B F  203 207 208 224 252 298  A e GPA Standing: Goo	ineering, Honours, Co-operative Program form Of Study: Enrolment    Description	0.50 0.50 0.50 0.50 0.50 0.25 In GPA 2.75	0.50 0.50 0.50 0.50 0.50 0.25 <u>Earned</u> 2.75	61 65 77 82 72
Course ECE ECE ECE ECE ECE CCE CCE CUmulativ Academic	2B F  203 207 208 224 252 298  A e GPA Standing: Goo	ineering, Honours, Co-operative Program form Of Study: Enrolment    Description	0.50 0.50 0.50 0.50 0.50 0.25 In GPA 2.75	0.50 0.50 0.50 0.50 0.50 0.25 <u>Earned</u> 2.75	61 65 77 82 72
Course ECE ECE ECE ECE ECE Cumulativ Academic  Program: Level:	2B F  203 207 208 224 252 298  A e GPA Standing: Goo	ineering, Honours, Co-operative Program form Of Study: Enrolment    Description	0.50 0.50 0.50 0.50 0.50 0.25 In GPA 2.75 11.25	0.50 0.50 0.50 0.50 0.50 0.25 Earned 2.75 12.75	61 65 77 82 72 83
Course ECE ECE ECE ECE ECE ECE ECE ECE ECE EC	2B F  203 207 208 224 252 298  A e GPA Standing: Goo  Computer Eng 2B F	ineering, Honours, Co-operative Program form Of Study: Enrolment    Description	0.50 0.50 0.50 0.50 0.50 0.25 In GPA 2.75 11.25	0.50 0.50 0.50 0.50 0.50 0.25 Earned 2.75 12.75	61 65 77 82 72 83
Course ECE ECE ECE ECE ECE Cumulativ Academic  Program: Level:	2B F  203 207 208 224 252 298  A e GPA Standing: Goo	ineering, Honours, Co-operative Program form Of Study: Enrolment    Description	0.50 0.50 0.50 0.50 0.50 0.25 In GPA 2.75 11.25	0.50 0.50 0.50 0.50 0.50 0.25 Earned 2.75 12.75	61 65 77 82 72 83
Course ECE ECE ECE ECE ECE ECE ECE ECE ECE Cumulativ Academic  Program: Level:  Course PD	2B F  203 207 208 224 252 298  A e GPA Standing: Goo  Computer Eng 2B F	ineering, Honours, Co-operative Program form Of Study: Enrolment    Description	0.50 0.50 0.50 0.50 0.25 In GPA 2.75 11.25	0.50 0.50 0.50 0.50 0.50 0.25 Earned 2.75 12.75	61 65 77 82 72 83
Course ECE ECE ECE ECE ECE ECE ECE ECE ECE EC	2B F  203 207 208 224 252 298  A Ge GPA Standing: Goo  Computer Eng 2B F	ineering, Honours, Co-operative Program form Of Study: Enrolment    Description	0.50 0.50 0.50 0.50 0.50 0.25 In GPA 2.75 11.25	0.50 0.50 0.50 0.50 0.50 0.25 Earned 2.75 12.75	61 65 77 82 72 83
Course ECE ECE ECE ECE ECE ECE ECE ECE ECE Cumulativ Academic  Program: Level:  Course PD  Term GPA	2B F  203 207 208 224 252 298  A Ge GPA Standing: Goo  Computer Eng 2B F	ineering, Honours, Co-operative Program form Of Study: Enrolment    Description	0.50 0.50 0.50 0.50 0.50 0.25 In GPA 2.75 11.25	0.50 0.50 0.50 0.50 0.50 0.25 Earned 2.75 12.75	61 65 77 82 72 83

# **Undergraduate Unofficial Transcript**

Name: Le, Dang Student ID: 21003537

Ontario Education Nbr: 953035714

## Spring 2025

		Spring 2020	)		
Program:	Computer E	Engineering, Honours, Co-operative Program			
Level:	3A	Form Of Study: Enrolment			
Course		<u>Description</u>	<u>Attempted</u>	Earned	<u>Grade</u>
ECE	318	Communication Systems	0.50	0.50	76
ECE	327	Digital Hardware Systems	0.50	0.50	83
ECE	350	Real-Time Operating Systems	0.50	0.50	73
ECE	380	Analog Control Systems	0.50	0.50	70
SOC	101	Introduction to Sociology	0.50	0.50	87
			<u>In GPA</u>	<u>Earned</u>	
Term GP/	4	77.80 Term Totals	2.50	2.50	
Cumulativ	re GPA	77.96 Cumulative Totals	13.75	15.25	

#### Fall 2025

Program: Computer Engineering, Honours, Co-operative Program

3B Form Of Study: Enrolment Level:

Course		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
ECE	307	Probability Theory and Statistics 2			
ECE	320	Computer Architecture			
ECE	351	Compilers			
ECE	358	Computer Networks			
ECE	722	Reconfigurable Computing			
SOC	202	Classical Sociological Theory			

#### Milestones

Date Completed	<u>Description</u>	<u>Status</u>
10/12/2022	Workplace Hazardous Materials Information System	Completed
12/31/2022	Undergraduate Communication Requirement	Completed
04/30/2023	Work Term 1	Completed
12/31/2023	Work Term 2	Completed
08/31/2024	Work Term 3	Completed

### **Scholarships and Awards**

2023 University of Waterloo President's Scholarship of Distinction

**End of Undergraduate Unofficial Transcript**