Name: Ruiz Nowell, Eliseo Nathanael

Student ID: 20667926

Ontario Education Nbr: 224106427

Beginning of Undergraduate Record

Fall 2016

| Program: Level: | | pineering, Honours, Co-operative Program Load: Full-Time Form Of Study: Ei | nrolment | | |
|--|---|---|---|--|----------------------------------|
| Course | | Description | Attempted | <u>Earned</u> | <u>Grade</u> |
| CHE | 102 | Chemistry for Engineers | 0.50 | 0.50 | 80 |
| ECE | 100A | Electrical and Computer Engineering Practice | 0.20 | 0.20 | 94 |
| ECE | 105 | Degree Requirement, Not in Avg, Not in Fail Count | 0.50 | 0.50 | 86 |
| ECE | 105 140 | Physics of Electrical Engineering 1 Linear Circuits | 0.50 | 0.50 | 88 |
| ECE | 150 | Fundamentals of Programming | 0.50 | 0.50 | 89 |
| MATH | 117 | Calculus 1 for Engineering | 0.50 | 0.50 | 68 |
| | _ | | <u>In GPA</u> | Earned | |
| Term GPA | | 82.20 Term Totals | 2.70 | 2.70 | |
| Cumulativ | | 82.20 Cumulative Totals ellent standing Effective 12/31/2016 | 2.50 | 2.70 | |
| Academic | Standing. Exce | Ellerit standing Ellective 12/31/2010 | | | |
| | | Winter 2017 | | | |
| Program: | | ineering, Honours, Co-operative Program | | | |
| Level: | 1A l | Load: Part-Time Form Of Study: C | o-op Work Term | | |
| Courco | | Description | Attempted | Earned | <u>Grade</u> |
| <u>Course</u> COOP | 1 | Co-operative Work Term | 0.50 | 0.00 | CR |
| PD | 20 | Engineering Workplace Skills I: Developing Reasoned | 0.50 | 0.50 | CR |
| | | Conclusions | | | |
| | | | <u>In GPA</u> | <u>Earned</u> | |
| Term GP/ | | 0.00 Term Totals | 1.00 | 0.50 | |
| Cumulativ | e GPA | 82.20 Cumulative Totals | 2.50 | 3.20 | |
| | | | | | |
| | | Spring 2017 | | | |
| Program: | Computer Eng | Spring 2017 gineering, Honours, Co-operative Program | | | |
| Program: Level: | | ineering, Honours, Co-operative Program Load: Full-Time Form Of Study: E | nrolment | | |
| Level: | | pineering, Honours, Co-operative Program Load: Full-Time Form Of Study: En | | | |
| Level: Course | 1B l | pineering, Honours, Co-operative Program Load: Full-Time Form Of Study: En Description | <u>Attempted</u> | <u>Earned</u> | <u>Grade</u> |
| Level: | | pineering, Honours, Co-operative Program Load: Full-Time Form Of Study: En Description Electrical and Computer Engineering Practice | | <u>Earned</u> 0.20 | <u>Grade</u> CR |
| Level: <u>Course</u> ECE | 1B l | pineering, Honours, Co-operative Program Load: Full-Time Form Of Study: En Description Electrical and Computer Engineering Practice Degree Requirement, Not in Avg, Not in Fail Count | Attempted 0.20 | 0.20 | CR |
| Level: Course | 1B l | pineering, Honours, Co-operative Program Load: Full-Time Form Of Study: En Description Electrical and Computer Engineering Practice Degree Requirement, Not in Avg, Not in Fail Count Discrete Mathematics | <u>Attempted</u> | | |
| Course ECE ECE ECE ECE ECE | 18 I | pineering, Honours, Co-operative Program Load: Full-Time Form Of Study: En Description Electrical and Computer Engineering Practice Degree Requirement, Not in Avg, Not in Fail Count Discrete Mathematics Physics of Electrical Engineering 2 Digital Circuits and Systems | Attempted 0.20 0.50 | 0.20 | CR 85 |
| Course ECE ECE ECE ECE ECE ECE | 18 100B 103 106 124 155 | ineering, Honours, Co-operative Program Load: Full-Time Form Of Study: En Description Electrical and Computer Engineering Practice Degree Requirement, Not in Avg, Not in Fail Count Discrete Mathematics Physics of Electrical Engineering 2 Digital Circuits and Systems Engineering Design with Embedded Systems | Attempted 0.20 0.50 0.50 0.50 0.50 | 0.20 0.50 0.50 0.50 0.50 | 85 89 87 96 |
| Course ECE ECE ECE ECE ECE | 18 I | pineering, Honours, Co-operative Program Load: Full-Time Form Of Study: En Description Electrical and Computer Engineering Practice Degree Requirement, Not in Avg, Not in Fail Count Discrete Mathematics Physics of Electrical Engineering 2 Digital Circuits and Systems | Attempted 0.20 0.50 0.50 0.50 0.50 0.50 0.50 | 0.20 0.50 0.50 0.50 0.50 0.50 | CR 85 89 87 |
| Course ECE ECE ECE ECE ECE ECE MATH | 18 100B 103 106 124 155 119 | ineering, Honours, Co-operative Program Load: Full-Time Form Of Study: En Description Electrical and Computer Engineering Practice Degree Requirement, Not in Avg, Not in Fail Count Discrete Mathematics Physics of Electrical Engineering 2 Digital Circuits and Systems Engineering Design with Embedded Systems Calculus 2 for Engineering | Attempted 0.20 0.50 0.50 0.50 0.50 0.50 In GPA | 0.20 0.50 0.50 0.50 0.50 0.50 0.50 Earned | 85 89 87 96 |
| Course ECE ECE ECE ECE ECE MATH | 18 100B 100B 103 106 124 155 119 | ineering, Honours, Co-operative Program Load: Full-Time Form Of Study: En Description Electrical and Computer Engineering Practice Degree Requirement, Not in Avg, Not in Fail Count Discrete Mathematics Physics of Electrical Engineering 2 Digital Circuits and Systems Engineering Design with Embedded Systems Calculus 2 for Engineering 88.80 Term Totals | Attempted 0.20 0.50 0.50 0.50 0.50 0.50 In GPA 2.70 | 0.20 0.50 0.50 0.50 0.50 0.50 <u>Earned</u> 2.70 | 85 89 87 96 |
| Course ECE ECE ECE ECE ECE ECE CCE MATH Term GPA Cumulativ | 1B 100B 103 106 124 155 119 A | ineering, Honours, Co-operative Program Load: Full-Time Form Of Study: En Description Electrical and Computer Engineering Practice Degree Requirement, Not in Avg, Not in Fail Count Discrete Mathematics Physics of Electrical Engineering 2 Digital Circuits and Systems Engineering Design with Embedded Systems Calculus 2 for Engineering 88.80 Term Totals 85.50 Cumulative Totals | Attempted 0.20 0.50 0.50 0.50 0.50 0.50 In GPA | 0.20 0.50 0.50 0.50 0.50 0.50 0.50 Earned | 85 89 87 96 |
| Course ECE ECE ECE ECE ECE ECE CCE MATH Term GPA Cumulativ | 1B 100B 103 106 124 155 119 A | Description Electrical and Computer Engineering Practice Degree Requirement, Not in Avg, Not in Fail Count Discrete Mathematics Physics of Electrical Engineering 2 Digital Circuits and Systems Engineering Design with Embedded Systems Calculus 2 for Engineering 88.80 Term Totals 85.50 Cumulative Totals ellent standing Effective 08/31/2017 | Attempted 0.20 0.50 0.50 0.50 0.50 0.50 In GPA 2.70 | 0.20 0.50 0.50 0.50 0.50 0.50 <u>Earned</u> 2.70 | 85 89 87 96 |
| Course ECE ECE ECE ECE ECE CCE MATH Term GPA Cumulativ Academic | 1B 100B 100B 1006 124 155 119 A re GPA Standing: Exce | Description Electrical and Computer Engineering Practice Degree Requirement, Not in Avg, Not in Fail Count Discrete Mathematics Physics of Electrical Engineering 2 Digital Circuits and Systems Engineering Design with Embedded Systems Calculus 2 for Engineering 88.80 Term Totals 85.50 Cumulative Totals ellent standing Effective 08/31/2017 | Attempted 0.20 0.50 0.50 0.50 0.50 0.50 In GPA 2.70 | 0.20 0.50 0.50 0.50 0.50 0.50 <u>Earned</u> 2.70 | 85 89 87 96 |
| Course ECE ECE ECE ECE ECE MATH Term GPA Cumulativ Academic | 1B I | Description Electrical and Computer Engineering Practice Degree Requirement, Not in Avg, Not in Fail Count Discrete Mathematics Physics of Electrical Engineering 2 Digital Circuits and Systems Engineering Design with Embedded Systems Calculus 2 for Engineering 88.80 Term Totals 85.50 Cumulative Totals ellent standing Effective 08/31/2017 Fall 2017 gineering, Honours, Co-operative Program | Attempted 0.20 0.50 0.50 0.50 0.50 0.50 0.50 5.00 0.50 0.50 0.50 0.50 0.50 0.50 | 0.20 0.50 0.50 0.50 0.50 0.50 <u>Earned</u> 2.70 | 85 89 87 96 |
| Course ECE ECE ECE ECE ECE CCE MATH Term GPA Cumulativ Academic | 1B I | Description Electrical and Computer Engineering Practice Degree Requirement, Not in Avg, Not in Fail Count Discrete Mathematics Physics of Electrical Engineering 2 Digital Circuits and Systems Engineering Design with Embedded Systems Calculus 2 for Engineering 88.80 Term Totals 85.50 Cumulative Totals ellent standing Effective 08/31/2017 | Attempted 0.20 0.50 0.50 0.50 0.50 0.50 0.50 5.00 0.50 0.50 0.50 0.50 0.50 0.50 | 0.20 0.50 0.50 0.50 0.50 0.50 <u>Earned</u> 2.70 | 85 89 87 96 |
| Level: Course ECE ECE ECE ECE ECE MATH Term GPA Cumulativ Academic | 1B I | Description Electrical and Computer Engineering Practice Degree Requirement, Not in Avg, Not in Fail Count Discrete Mathematics Physics of Electrical Engineering 2 Digital Circuits and Systems Engineering Design with Embedded Systems Calculus 2 for Engineering 88.80 Term Totals 85.50 Cumulative Totals ellent standing Effective 08/31/2017 Fall 2017 gineering, Honours, Co-operative Program Load: Part-Time Form Of Study: Co | Attempted 0.20 0.50 0.50 0.50 0.50 0.50 In GPA 2.70 5.00 | 0.20 0.50 0.50 0.50 0.50 0.50 Earned 2.70 5.90 | 85 89 87 96 87 |
| Course ECE ECE ECE ECE ECE MATH Term GPA Cumulativ Academic | 1B I | Description Electrical and Computer Engineering Practice Degree Requirement, Not in Avg, Not in Fail Count Discrete Mathematics Physics of Electrical Engineering 2 Digital Circuits and Systems Engineering Design with Embedded Systems Calculus 2 for Engineering 88.80 Term Totals 85.50 Cumulative Totals ellent standing Effective 08/31/2017 Fall 2017 gineering, Honours, Co-operative Program Load: Part-Time Description Co-operative Work Term | Attempted 0.20 0.50 0.50 0.50 0.50 0.50 0.50 5.00 0.50 0.50 0.50 0.50 0.50 0.50 | 0.20 0.50 0.50 0.50 0.50 0.50 0.50 Earned 2.70 | 85 89 87 96 |
| Course ECE ECE ECE ECE ECE ECE MATH Term GPA Cumulativ Academic Program: Level: Course | 1B L | Description Electrical and Computer Engineering Practice Degree Requirement, Not in Avg, Not in Fail Count Discrete Mathematics Physics of Electrical Engineering 2 Digital Circuits and Systems Engineering Design with Embedded Systems Calculus 2 for Engineering 88.80 Term Totals 85.50 Cumulative Totals ellent standing Effective 08/31/2017 Fall 2017 Inneering, Honours, Co-operative Program Load: Part-Time Description Co-operative Work Term Engineering Workplace Skills II: Developing Effective | Attempted 0.20 0.50 0.50 0.50 0.50 0.50 In GPA 2.70 5.00 co-op Work Term | 0.20 0.50 0.50 0.50 0.50 0.50 2.70 5.90 | CR 85 89 87 96 87 |
| Course ECE ECE ECE ECE ECE ECE MATH Term GPA Cumulativ Academic Program: Level: Course COOP | 1B L | Description Electrical and Computer Engineering Practice Degree Requirement, Not in Avg, Not in Fail Count Discrete Mathematics Physics of Electrical Engineering 2 Digital Circuits and Systems Engineering Design with Embedded Systems Calculus 2 for Engineering 88.80 Term Totals 85.50 Cumulative Totals ellent standing Effective 08/31/2017 Fall 2017 gineering, Honours, Co-operative Program Load: Part-Time Description Co-operative Work Term | Attempted 0.20 0.50 0.50 0.50 0.50 0.50 0.50 0.5 | 0.20 0.50 0.50 0.50 0.50 0.50 0.50 0.50 Earned 2.70 5.90 Earned 0.00 0.50 | CR 85 89 87 96 87 |
| Course ECE ECE ECE ECE ECE ECE ECE MATH Term GPA Cumulativ Academic Program: Level: Course COOP PD | 1B 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | Description Electrical and Computer Engineering Practice Degree Requirement, Not in Avg, Not in Fail Count Discrete Mathematics Physics of Electrical Engineering 2 Digital Circuits and Systems Engineering Design with Embedded Systems Calculus 2 for Engineering 88.80 Term Totals 85.50 Cumulative Totals ellent standing Effective 08/31/2017 Fall 2017 pineering, Honours, Co-operative Program Load: Part-Time Description Co-operative Work Term Engineering Workplace Skills II: Developing Effective Plans | Attempted 0.20 0.50 0.50 0.50 0.50 0.50 0.50 0.5 | 0.20 0.50 0.50 0.50 0.50 0.50 0.50 5.90 Earned 0.00 0.50 Earned | CR 85 89 87 96 87 |
| Course ECE ECE ECE ECE ECE ECE MATH Term GPA Cumulativ Academic Program: Level: Course COOP | 1B I | Description Electrical and Computer Engineering Practice Degree Requirement, Not in Avg, Not in Fail Count Discrete Mathematics Physics of Electrical Engineering 2 Digital Circuits and Systems Engineering Design with Embedded Systems Calculus 2 for Engineering 88.80 Term Totals 85.50 Cumulative Totals ellent standing Effective 08/31/2017 Fall 2017 Inneering, Honours, Co-operative Program Load: Part-Time Description Co-operative Work Term Engineering Workplace Skills II: Developing Effective | Attempted 0.20 0.50 0.50 0.50 0.50 0.50 0.50 0.5 | 0.20 0.50 0.50 0.50 0.50 0.50 0.50 0.50 Earned 2.70 5.90 Earned 0.00 0.50 | CR 85 89 87 96 87 |

Name: Ruiz Nowell, Eliseo Nathanael Student ID: 20667926 Ontario Education Nbr: 224106427

Winter 2018

| _ | | | Vinter 2018 | | | |
|--|--|---|--|---|--|----------------------------|
| Program: Level: | | ineering, Honours, Co-operative Program Load: Full-Time | Form Of Study: E | nrolment | | |
| Course ECE | 200A | <u>Description</u> Electrical and Computer Engineerin | | Attempted 0.10 | Earned 0.10 | <u>Grade</u> CR |
| ECE ECE | 204A 205 | Degree Requirement, Not in Avg, N Numerical Methods 1 Advanced Calculus 1 for Electrical | | 0.25 0.50 | 0.25 0.50 | 97 86 |
| ECE ECE ECE ECE MATH | 222 240 250 290 215 | Engineers Digital Computers Electronic Circuits 1 Algorithms and Data Structures Engineering Profession, Ethics, and Linear Algebra for Engineering | d Law | 0.50 0.50 0.50 0.50 0.50 In GPA | 0.50 0.50 0.50 0.50 0.50 Earned | 94 83 94 84 88 |
| Term GPA Cumulative Academic Term Hono | e GPA Standing: Exce | 88.85 Term Totals 86.82 Cumulative Totals ellent standing Effective 05/18/2018 In Dean's Honours List | | 3.35 8.25 | 3.35 9.75 | |
| | | | pring 2018 | | | |
| Program: Level: | | ineering, Honours, Co-operative Program Load: Part-Time | Form Of Study: C | co-op Work Term | | |
| Course COOP PD | 3 10 | <u>Description</u> Co-operative Work Term Professional Responsibility in Com | puting | Attempted 0.50 0.50 In GPA | Earned 0.00 0.50 Earned | <u>Grade</u> CR CR |
| Term GPA Cumulative | | 0.00 Term Totals 86.82 Cumulative Totals | | 1.00 8.25 | 0.50 10.25 | |
| | | | | | | |
| _ | | | Fall 2018 | | | |
| Program: Level: | | ineering, Honours, Co-operative Program oad: Full-Time | | nrolment | | |
| • | | | Form Of Study: En | nrolment Attempted 0.10 | <u>Earned</u> 0.10 | <u>Grade</u> CR |
| Course ECE ECE ECE ECE ECE | 28 L 200B 207 224 242 | Description Electrical and Computer Engineerin Degree Requirement, Not in Avg, N Signals and Systems Embedded Microprocessor System Electronic Circuits 2 | Form Of Study: En ng Practice Not in Fail Count | Attempted 0.10 0.50 0.50 0.50 | 0.10 0.50 0.50 0.50 | CR 76 97 94 |
| Level: Course ECE ECE ECE | 28 L 200B 207 224 | Description Electrical and Computer Engineerin Degree Requirement, Not in Avg, N Signals and Systems Embedded Microprocessor System Electronic Circuits 2 Operating Systems and Systems P Introductory Psychology Work-term Report | Form Of Study: En ng Practice Not in Fail Count ns trogramming | Attempted 0.10 0.50 0.50 | 0.10 0.50 0.50 | 76 97 |
| Course ECE ECE ECE ECE ECE ECE ECE ECE PSYCH WKRPT | 28 L 200B 207 224 242 254 101 201 e GPA Standing: Exce | Description Electrical and Computer Engineerin Degree Requirement, Not in Avg, N Signals and Systems Embedded Microprocessor System Electronic Circuits 2 Operating Systems and Systems P Introductory Psychology | Form Of Study: En ng Practice Not in Fail Count ns trogramming | Attempted 0.10 0.50 0.50 0.50 0.50 0.50 | 0.10 0.50 0.50 0.50 0.50 0.50 | 76 97 94 91 87 |
| Course ECE ECE ECE ECE ECE ECE PSYCH WKRPT Term GPA Cumulative Academic Term Hono | 28 L 200B 207 224 242 254 101 201 e GPA Standing: Exce | Description Electrical and Computer Engineerin Degree Requirement, Not in Avg, N Signals and Systems Embedded Microprocessor System Electronic Circuits 2 Operating Systems and Systems P Introductory Psychology Work-term Report Degree Requirement, Not in Avg, N 89.00 Term Totals 87.33 Cumulative Totals ellent standing Effective 01/18/2019 In Dean's Honours List | Form Of Study: Eng Practice Not in Fail Count as Programming Not in Fail Count | Attempted 0.10 0.50 0.50 0.50 0.50 0.50 0.13 In GPA 2.73 | 0.10 0.50 0.50 0.50 0.50 0.50 0.13 Earned 2.73 | 76 97 94 91 87 |
| Course ECE ECE ECE ECE ECE ECE ECE CCE CCE CC | 28 L 200B 207 224 242 254 101 201 e GPA Standing: Exceptors: Term | Description Electrical and Computer Engineerin Degree Requirement, Not in Avg, N Signals and Systems Embedded Microprocessor System Electronic Circuits 2 Operating Systems and Systems P Introductory Psychology Work-term Report Degree Requirement, Not in Avg, N 89.00 Term Totals 87.33 Cumulative Totals ellent standing Effective 01/18/2019 in Dean's Honours List | Form Of Study: Eng Practice Not in Fail Count as Programming Not in Fail Count | Attempted 0.10 0.50 0.50 0.50 0.50 0.50 0.13 In GPA 2.73 10.75 | 0.10 0.50 0.50 0.50 0.50 0.50 0.13 Earned 2.73 | 76 97 94 91 87 |
| Course ECE ECE ECE ECE ECE ECE PSYCH WKRPT Term GPA Cumulative Academic Term Hono | 28 L 200B 207 224 242 254 101 201 e GPA Standing: Exceptors: Term | Description Electrical and Computer Engineerin Degree Requirement, Not in Avg, N Signals and Systems Embedded Microprocessor System Electronic Circuits 2 Operating Systems and Systems P Introductory Psychology Work-term Report Degree Requirement, Not in Avg, N 89.00 Term Totals 87.33 Cumulative Totals ellent standing Effective 01/18/2019 In Dean's Honours List V ineering, Honours, Co-operative Program | Form Of Study: Eng Practice Not in Fail Count as Programming Not in Fail Count | Attempted 0.10 0.50 0.50 0.50 0.50 0.50 0.13 In GPA 2.73 10.75 | 0.10 0.50 0.50 0.50 0.50 0.50 0.13 Earned 2.73 | 76 97 94 91 87 |

Ruiz Nowell, Eliseo Nathanael Name:

Student ID: 20667926 Ontario Education Nbr: 224106427

| 5 | 0 . 5 . | | Spring 2019 | | | |
|---|---------------------------------|--|---|--|---|----------------------------|
| Program: Level: | | ering, Honours, Co-operative Progra d: Full-Time | im Form Of Study: Eni | rolment | | |
| Course CHINA ECE | 102R 300A | <u>Description</u> First-Year Chinese 2 Electrical and Computer Enginee | 0 | Attempted 0.50 0.10 | Earned 0.50 0.10 | Grade 96 CR |
| ECE ECE ECE ECE WKRPT | 316 327 351 380 301 | Degree Requirement, Not in Avg, Probability Theory and Statistics Digital Hardware Systems Compilers Analog Control Systems Work-term Report Degree Requirement, Not in Avg, | | 0.50 0.50 0.50 0.50 0.13 | 0.50 0.50 0.50 0.50 0.13 | 90 90 96 93 95 |
| Term GPA Cumulative Academic Term Hone | e GPA Standing: Excelle | 93.00 Term Totals 88.40 Cumulative Totals nt standing Effective 09/18/2019 lean's Honours List | | <u>In GPA</u> 2.73 13.25 | <u>Earned</u> 2.73 16.21 | |
| _ | | | Fall 2019 | | | |
| Program: Level: | | ering, Honours, Co-operative Progra d: Part-Time | rm Form Of Study: Co | o-op Work Term | | |
| Course COOP PD Term GPA Cumulative | | Description Co-operative Work Term Project Management 0.00 Term Totals 88.40 Cumulative Totals | | Attempted 0.50 0.50 In GPA 1.00 13.25 | Earned 0.00 0.50 Earned 0.50 16.71 | <u>Grade</u> CR CR |
| | | | Winter 2000 | | | |
| Program: Level: | | ering, Honours, Co-operative Progra d: Full-Time | Winter 2020 im Form Of Study: Eni | rolment | | |
| COVID-19 <u>Course</u> CHINA | impacted assessr 201R | nent methods and performance in ma <u>Description</u> Second-Year Chinese 1 Not Required, Not in Average | any courses this term. | Attempted 0.50 | Earned 0.50 | <u>Grade</u> 91 |
| ECE | 300B | Electrical and Computer Enginee Degree Requirement, Not in Avg, | 0 | 0.10 | 0.10 | CR |
| ECE ECE ECE | 318 356 358 390 | Communication Systems 1 Database Systems Computer Networks Engineering Design, Economics, | | 0.50 0.50 0.50 0.50 | 0.50 0.50 0.50 0.50 | 92 95 96 91 |
| ECON WKRPT | 101 401 | Society Introduction to Microeconomics Work-term Report Degree Requirement, Not in Avg, | Not in Fail Count | 0.50 0.13 In GPA | 0.50 0.13 Earned | 99 95 |
| Term GPA Cumulative Academic Term Hone | e GPA Standing: Excelle | 94.60 Term Totals 89.38 Cumulative Totals nt standing Effective 05/27/2020 lean's Honours List | | 3.23 15.75 | 3.23 19.94 | |

Name: Ruiz Nowell, Eliseo Nathanael

Student ID: 20667926

Cumulative GPA

Ontario Education Nbr: 224106427

Spring 2020

| | | | 9 =0=0 |
|----------|-------|---|--------------------------|
| Program: | Compu | iter Engineering, Honours, Co-operative Program | |
| Level: | 4A | Load: Full-Time | Form Of Study: Enrolment |

| Course | | Description | <u>Attempted</u> | <u>Earned</u> | <u>Grade</u> |
|---------------|------|---|------------------|---------------|--------------|
| ECE | 209 | Electronic and Electrical Properties of Materials | 0.50 | 0.50 | 90 |
| | | Degree Requirement, Not in Average | | | |
| ECE | 400A | Electrical and Computer Engineering Practice | 0.10 | 0.10 | CR |
| | | Degree Requirement, Not in Avg, Not in Fail Count | | | |
| ECE | 454 | Distributed Computing | 0.50 | 0.50 | 92 |
| ECE | 455 | Embedded Software | 0.50 | 0.50 | 87 |
| ECE | 457A | Cooperative and Adaptive Algorithms | 0.50 | 0.50 | 95 |
| ECE | 493 | Special Topics in Electrical and Computer Engineering | 0.50 | 0.50 | 93 |
| Course Topic: | | Prob. Reason & Reinforce Learn | | | |
| ECE | 498A | Engineering Design Project | 0.50 | 0.50 | 87 |
| | | | <u>In GPA</u> | <u>Earned</u> | |
| Term GPA | | 90.80 Term Totals | 3.10 | 3.10 | |

Academic Standing: Excellent standing Effective 09/15/2020

Fall 2020

18.25

23.04

Program: Computer Engineering, Honours, Co-operative Program

Level: 4A Load: Part-Time Form Of Study: Co-op Work Term

89.58 Cumulative Totals

| <u>Course</u> | | <u>Description</u> | <u>Attempted</u> | Earned | <u>Grade</u> |
|----------------|---|-------------------------|------------------|---------------|--------------|
| COOP | 6 | Co-operative Work Term | 0.50 | 0.00 | CR |
| | | | <u>In GPA</u> | Earned | |
| Term GPA | | 0.00 Term Totals | 0.50 | 0.00 | |
| Cumulative GPA | ١ | 89.58 Cumulative Totals | 18.25 | 23.04 | |

Winter 2021

Program: Computer Engineering, Honours, Co-operative Program

Artificial Intelligence Option

Level: 4B Load: Full-Time Form Of Study: Enrolment

| Course | | Description | Attempted | Earned | <u>Grade</u> |
|--------|------|--|-----------|--------|--------------|
| CHINA | 202R | Second-Year Chinese 2 | • | | |
| | | Not Required, Not in Average | | | |
| ECE | 400B | Electrical and Computer Engineering Practice | | | |
| | | Degree Requirement, Not in Avg, Not in Fail Count | | | |
| ECE | 405 | Introduction to Quantum Mechanics | | | |
| ECE | 457B | Fundamentals of Computational Intelligence | | | |
| ECE | 459 | Programming for Performance | | | |
| ECE | 498B | Engineering Design Project | | | |
| MSCI | 442 | Impact of Information Systems on Organizations and | | | |
| | | Society | | | |
| MSCI | 446 | Data Mining | | | |

Milestones

| Milestones | |
|-------------------------------|--|
| <u>Description</u> | <u>Status</u> |
| Workplace Hazardous Materials | Completed |
| English Proficiency | Completed |
| Work Report 1 | Completed |
| Work Term 1 | Completed |
| Work Term 2 | Completed |
| Work Term 3 | Completed |
| Technical Presentation | Completed |
| Work Report 2 | Completed |
| Work Term 4 | Completed |
| Work Report 3 | Completed |
| Work Term 5 | Completed |
| Work Report 4 | Completed |
| Work Term 6 | Completed |
| | Description Workplace Hazardous Materials English Proficiency Work Report 1 Work Term 1 Work Term 2 Work Term 3 Technical Presentation Work Report 2 Work Term 4 Work Report 3 Work Term 5 Work Report 4 |

Scholarships and Awards

17 University of Waterloo President's Scholarship of Distinction

Name: Ruiz Nowell, Eliseo Nathanael

Student ID: 20667926

Ontario Education Nbr: 224106427

2020 President's International Experience Award

End of Undergraduate Unofficial Transcript