



NAME: **Faulkner, Ryan Arthur**

RECORD AS OF: 2010-11-11

ISSUED TO: 19 Bellstone Lane
Hamilton ON
L0R1W0

STUDENT NUMBER: 990747368

BIRTH DAY/MONTH: 24/12

REGISTRATION HISTORY

2000 Fall - 2005 Winter : Faculty of Applied Science & Engineering

2007 Summer - 2008 Winter : Faculty of Arts and Science

GRADUATION SUMMARY

BACHELOR OF APPLIED SCIENCE CONFERRED - JUNE 2005

Faculty of Applied Science & Engineering

2000 FALL - BASC - ENGINEERING SCIENCE - DIVISION OF ENGINEERING SCIENCE

SESSIONAL GPA: 3.54 CUMULATIVE GPA: 3.54

SESSIONAL PERS: 80.4

STATUS: PASS WITH HONOURS

| CRS CODE TITLE | WGT | MRK | GRD | CRS | AVG |
|------------------------------|------|-----|-----|-----|-----|
| CIV102H1 STRUCT. & MATERIALS | 0.50 | 74 | B | B | |
| CSC180H1 INT TO COMP PROGRAM | 0.50 | 90 | A+ | B+ | |
| MAT185H1 LINEAR ALGEBRA | 0.50 | 81 | A- | B- | |
| MAT194H1 CALCULUS I | 0.50 | 80 | A- | B | |
| PHY180H1 PHYSICS I-MECHANICS | 0.50 | 77 | B+ | B- | |

May proceed

2001 WINTER - BASC - ENGINEERING SCIENCE - DIVISION OF ENGINEERING SCIENCE

SESSIONAL GPA: 1.98 ANNUAL GPA: 2.76 CUMULATIVE GPA: 2.76

SESSIONAL PERS: 65.4

STATUS: PASS

| CRS CODE TITLE | WGT | MRK | GRD | CRS | AVG |
|--------------------------------|------|-----|-----|-----|-----|
| CHE150H1 CHEMISTRY | 0.50 | 66 | C | B | |
| CSC190H1 ALGO/DATA STRUCT/LAN | 0.50 | 65 | C | B- | |
| ECE150H1 ELECTRICITY & MAGNET. | 0.50 | 59 | D+ | B- | |
| MAT195H1 CALCULUS II | 0.50 | 69 | C+ | B- | |
| PHI193H1 SCI & SOCIAL ISSUES | 0.50 | 68 | C+ | B- | |

May proceed

2001 FALL - BASC - COMPUTER ENGINEERING - EDWARD S. ROGERS SR. DEPT. OF ELECTRICAL & COMPUTER ENGIN.

SESSIONAL GPA: 3.43 CUMULATIVE GPA: 2.95

SESSIONAL PERS: 81.3

STATUS: PASS WITH HONOURS

| CRS CODE TITLE | WGT | MRK | GRD | CRS | AVG |
|-------------------------------|------|-----|-----|-----|-----|
| CLA160Y1 Intro Clas Studies | 1.00 | | IPR | | |
| ECE203H1 DISCRETE MATHEMATICS | 0.50 | 75 | B | C+ | |
| ECE212H1 CIRCUIT ANALYSIS | 0.50 | 73 | B | B- | |
| MAT290H1 ADV ENGINEERING MATH | 0.50 | 93 | A+ | B- | |
| MAT291H1 CALCULUS III | 0.50 | 84 | A- | B | |

May proceed

2002 WINTER - BASC - COMPUTER ENGINEERING - EDWARD S. ROGERS SR. DEPT. OF ELECTRICAL & COMPUTER ENGIN.

SESSIONAL GPA: 2.57 ANNUAL GPA: 2.91 CUMULATIVE GPA: 2.84

SESSIONAL PERS: 70.8

STATUS: PASS

| CRS CODE TITLE | WGT | MRK | GRD | CRS | AVG |
|--------------------------------|------|-----|-----|-----|-----|
| CLA160Y1 Intro Clas Studies | 1.00 | 62 | C- | C+ | |
| ECE221H1 ELE & MAGNET FIELDS 2 | 0.50 | 90 | A+ | C+ | |

| | | | | |
|------------------------------|------|----|---|----|
| ECE231H1 INTRO. ELECTRONICS | 0.50 | 53 | D | C+ |
| ECE241H1 DIGITAL SYSTEMS | 0.50 | 85 | A | B- |
| ENG182H1 EFFECT TECH WRITING | 0.50 | 73 | B | B |

May proceed

2002 FALL - BASC - COMPUTER ENGINEERING - EDWARD S. ROGERS SR. DEPT. OF ELECTRICAL & COMPUTER ENGIN.

SESSIONAL GPA: 3.80 CUMULATIVE GPA: 2.96

SESSIONAL PERS: 85.3

STATUS: PASS WITH HONOURS

| CRS CODE TITLE | WGT | MRK | GRD | CRS | AVG |
|--------------------------------|------|-----|-----|-----|-----|
| ECE302H1 PROBABILITY & APPL. | 0.50 | 83 | A- | B- | |
| ECE310H1 LINEAR SYSTEMS & COM. | 0.50 | 83 | A- | B- | |
| ECE341H1 COMPUTER ORGANIZ. | 0.50 | 90 | A+ | B | |

May proceed

2003 WINTER - BASC - COMPUTER ENGINEERING - EDWARD S. ROGERS SR. DEPT. OF ELECTRICAL & COMPUTER ENGIN.

SESSIONAL GPA: 3.33 ANNUAL GPA: 3.57 CUMULATIVE GPA: 3.00

SESSIONAL PERS: 79.0

STATUS: PASS

| CRS CODE TITLE | WGT | MRK | GRD | CRS | AVG |
|--------------------------------|------|-----|-----|-----|-----|
| CSC366H1 THEOR. OF COMPUTATION | 0.50 | 71 | B- | C- | |
| ECE311H1 DYNAMIC SYS & CONTROL | 0.50 | 79 | B+ | C+ | |
| ECE342H1 COMPUTER HARDWARE | 0.50 | 87 | A | B | |

May proceed

2003 FALL - BASC - COMPUTER ENGINEERING - EDWARD S. ROGERS SR. DEPT. OF ELECTRICAL & COMPUTER ENGIN.

SESSIONAL GPA: 4.00 CUMULATIVE GPA: 3.08

SESSIONAL PERS: 88.0

STATUS: PASS WITH HONOURS

| CRS CODE TITLE | WGT | MRK | GRD | CRS | AVG |
|-------------------------------|------|-----|-----|-----|-----|
| CSC326H1 PROGRAMMIN LANGUAGES | 0.50 | 85 | A | B | |
| ECE334H1 DIGITAL ELECTRONICS | 0.50 | 91 | A+ | C+ | |

May proceed

2004 WINTER - BASC - COMPUTER ENGINEERING - EDWARD S. ROGERS SR. DEPT. OF ELECTRICAL & COMPUTER ENGIN.

Exchange: Exchange Agreement with the University of Melbourne - outgoing U of T student

| CRS CODE TITLE | WGT | MRK | GRD | CRS | AVG |
|---------------------------------------------------------------------------|------|-----|-----|-----|-----|
| APS001H1 APSC - STUDY ELSEWHERE 166112 Introduction to Political Ideas | 0.50 | | | CR | |
| APS002H1 APSC - STUDY ELSEWHERE 433332 Operating Systems | 0.50 | | | CR | |
| APS003H1 APSC - STUDY ELSEWHERE 433351 Database Systems | 0.50 | | | CR | |

May proceed

2004 FALL - BASC - COMPUTER ENGINEERING - EDWARD S. ROGERS SR. DEPT. OF ELECTRICAL & COMPUTER ENGIN.

SESSIONAL GPA: 3.25 CUMULATIVE GPA: 3.10



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SESSIONAL PERS: 76.8

STATUS: PASS

| CRS CODE TITLE | WGT | MRK | GRD | CRS | AVG |
|-------------------------------------|------|-----|-----|-----|-----|
| CSC384H1 Intro Artif Intell | 0.50 | 85 | A | B- | |
| CSC418H1 Computer Graphics | 0.50 | 78 | B+ | B | |
| CSC444H1 Software Engineer I | 0.50 | 71 | B- | B+ | |
| CSC467H1 COMPILERS AND INTERPRETERS | 0.50 | 73 | B | B+ | |
| ECE496Y1 DESIGN PROJECT | 1.00 | | IPR | | |

May proceed

2005 WINTER - BASC - COMPUTER ENGINEERING - EDWARD S. ROGERS SR. DEPT. OF ELECTRICAL & COMPUTER ENGIN.

SESSIONAL GPA: 2.55 ANNUAL GPA: 2.83 CUMULATIVE GPA: 3.01

SESSIONAL PERS: 70.5

STATUS: PASS

| CRS CODE TITLE | WGT | MRK | GRD | CRS | AVG |
|--------------------------------------|------|-----|-----|-----|-----|
| CSC401H1 Natural Lang Comp | 0.50 | 74 | B | C+ | |
| ECE361H1 COMPUTER NETWORKS I | 0.50 | 78 | B+ | B | |
| ECE431H1 DIGITAL SIGNAL PROC. | 0.50 | 72 | B- | B | |
| ECE472H1 ENG.ECO.ANA.&ENTRE. | 0.50 | 61 | C- | C+ | |
| ECE496Y1 DESIGN PROJECT | 1.00 | 69 | C+ | B+ | |
| PER001H1 PRACTICAL EXPR. REQUIREMENT | 0.00 | | CR | | |

May proceed

Faculty of Arts and Science

2007 SUMMER - NON-DEGREE STUDENT - WOODSWORTH COLLEGE

SESSIONAL GPA: 4.00 CUMULATIVE GPA: 4.00

STATUS: NOT ASSESSED

| CRS CODE TITLE | WGT | MRK | GRD | CRS | AVG |
|---------------------------------|------|-----|-----|-----|-----|
| CSC373H1 Algo Design & Analysis | 0.50 | 90 | A+ | C- | |

Credits earned: 0.50

2007 FALL - NON-DEGREE STUDENT - WOODSWORTH COLLEGE

Credits earned: 0.00

2008 WINTER - NON-DEGREE STUDENT - WOODSWORTH COLLEGE

SESSIONAL GPA: 4.00 ANNUAL GPA: 4.00 CUMULATIVE GPA: 4.00

STATUS: NOT ASSESSED

| CRS CODE TITLE | WGT | MRK | GRD | CRS | AVG |
|------------------------------|------|-----|-----|-----|-----|
| CSC321H1 Neural Networks | 0.50 | 91 | A+ | B- | |
| CSC448H1 Formal Langs & Auto | 0.50 | 86 | A | * | |

Credits earned: 1.00



Karel Swift
University Registrar

End of Transcript

University of Toronto Guide to Transcript

Effective September 1998

| Grade Meanings | Undergraduate Grade Scale | | | Graduate Grade Scale | |
|----------------|----------------------------|--------------------------|-------------------|------------------------------|--------------------------|
| | Refined Letter Grade Scale | Numerical Scale of Marks | Grade Point Value | Truncated Letter Grade Scale | Numerical Scale of Marks |
| Excellent | A+ | 90 - 100% | 4.0 | A+ | 90 - 100% |
| | A | 85 - 89% | 4.0 | A | 85 - 89% |
| | A- | 80 - 84% | 3.7 | A- | 80 - 84% |
| Good | B+ | 77 - 79% | 3.3 | B+ | 77 - 79% |
| | B | 73 - 76% | 3.0 | B | 73 - 76% |
| | B- | 70 - 72% | 2.7 | B- | 70 - 72% |
| Adequate | C+ | 67 - 69% | 2.3 | | |
| | C | 63 - 66% | 2.0 | | |
| | C- | 60 - 62% | 1.7 | | |
| Marginal | D+ | 57 - 59% | 1.3 | | |
| | D | 53 - 56% | 1.0 | | |
| | D- | 50 - 52% | 0.7 | | |
| Inadequate | F | 0 - 49% | 0.0 | FZ | 0 - 69% |

Approved grade scales that are outside the standard system:

H (Honours), P (Pass), FL (Failure).

In cases where the FL grade is used in calculating grade point averages, the symbol FL% is used and a grade point value of 0.0 is assigned.

CR (Credit), NCR (No Credit).

In cases where the NCR grade is used in calculating grade point averages, the symbol NC% is used and a grade point value of 0.0 is assigned.

Other Symbols and Notations:

| | |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ADD | Additional course, taken for credit. Included in grade point averages. (note: the following symbols are not used in calculating grade point averages.) |
| AEG | Aegrotat standing granted on the basis of term work and medical or similar evidence. Course credit granted. |
| DNW | Did not write/did not attend/did little work. |
| EXT | Extra course, not for credit. |
| GWR | Grade withheld pending review. |
| INC | Incomplete. |
| IPR | In progress. (IPR will also appear if the course has not yet started or the course has finished but an approved grade is not yet available.) |
| LWD | Late withdrawal without academic penalty. |
| NGA | No grade available. |
| SDF | Standing deferred on the basis of incomplete course work because of medical or similar reasons. |
| WDR | Withdrawn without academic penalty. |
| XMP | Exemption granted on the basis of credit for work done elsewhere. Course credit granted. |
| Candidacy Achieved | A student who has completed all program requirements for the PhD degree exclusive of thesis research will be considered a candidate in the School of Graduate Studies. |

Averages Information:

The following types of averages may appear:

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GPA Grade Point Average*
(*for CTEP programs, the GPA does not include performance in B.Ed. courses)

ACCA GPA on the Academic Activity Component of the Bachelor of Physical Health and Education

CICA GPA on the Curriculum and Instruction Component of the Bachelor of Education and Diploma in Technical Education

CTPA GPA on the Bachelor of Education Activity Component of the Concurrent Teacher Education Program

FNCA GPA on Foundations Component of the Bachelor of Education and Diploma in Technical Education

PACA GPA on the Physical Activity Component of the Bachelor of Physical and Health Education

PERS Percentage Average

ACCUM. AVG
Accumulated Average

Awards Information:

Academic awards information is not listed on University of Toronto transcripts.

Academic Sessions:

Fall Session (September - December)

Winter Session (January - April)

Summer Session (May - August)

Course Credits:

A course with a weight of 1.00 equals 6 semester hours.

Course Average:

Course average is shown for undergraduate courses with a size of 12 or more and is expressed as a letter grade corresponding to the refined letter grade scale. The symbol "*" is used to indicate an undergraduate course with fewer than 12 students. A "blank" is used to indicate that a course average has not been calculated.

End of Guide

