



¬ ♦ A diamond appears beside a course number to indicate a multi-term course.

\* An asterisk appears next to the credit value of courses not counted in the total credits earned.

### Remarks column:

- I Course is included in credits and included in the GPA.
- E Course is <u>excluded</u> from credits and <u>excluded</u> from the GPA.
- A Course is excluded from credits and included in the GPA.

Please click <u>help</u> for more transcript information.

Student Name with Preferred First Name: Speal, Nick McGill ID: 260367447 Permanent Code: SPFN25059108

**Subject** Number Title Cr. / C.E.U. Grade Remarks Earned Class Avg.

#### PREVIOUS EDUCATION

Ontario High School

Credits Required for B Eng Mechanical - 141 credits

#### Fall 2009

Bachelor of Engineering Full-time Year 0 Undeclared

CHEM 110	001 General Chemistry 1	4	Α	4	B+
FACC 100	001 Intro to the Eng. Profession	1	Α	1	A-
MATH 133	003 Vectors, Matrices and Geometry	3	A-	3	C+
MATH 140	003 Calculus 1	3	Α	3	В
PHYS 131	001 Mechanics and Waves	4	Α	4	В

		Advanced Standing			Att Cr	Earned Cr	GPA Cr	Points
TERM GPA:	3.94	& Transfer Credits:	0.00	TERM TOTALS:	15.00	15.00	15.00	59.10
CUM GPA:	3.94	TOTAL CREDITS:	15.00	CUM TOTALS:	15.00	15.00	15.00	59.10

Standing: Satisfactory

## Winter 2010

Bachelor of Engineering

Full-time Year 0 Undeclared

CHEM 120	001 General Chemistry 2	4	Α	4	B+
MATH 141	002 Calculus 2	4	Α	4	C+
PHYS 142	001 Electromagnetism & Optics	4	Α	4	C+
PSYC 215	001 Social Psychology	3	A-	3	В

**Advanced Standing** Att Cr Earned Cr GPA Cr **Points** & Transfer Credits: 0.00 **TERM** 3.94 **TERM** 15.00 15.00 15.00 59.10 GPA: TOTALS: **CUM GPA: 3.94** TOTAL CREDITS: 30.00 CUM TOTALS: 30.00 30.00 30.00 118.20

Standing: Satisfactory

Louis C Ho Scholarship in Engineering Dean's Honour List

### Fall 2010

Bachelor of Engineering Full-time Year 1 Mechanical Engineering

COMP 208	002 Computers in Engineering	3	Α	3	В
MATH 262	003 Intermediate Calculus	3	A-	3	В
MECH 201	001 Intro to Mechanical Eng	2	Α	2	Α
MECH 260	002 Machine Tool Lab	2	Α	2	A-
MECH 289	001 Design Graphics	3	Α	3	A-

		Advanced Standing			Att Cr	Earned Cr	GPA Cr	Points
TERM GPA:	3.93	& Transfer Credits:	0.00	TERM TOTALS:	13.00	13.00	13.00	51.10
CUM GPA:	3.93	TOTAL CREDITS:	43.00	CUM TOTALS:	43.00	43.00	43.00	169.30

Standing: Satisfactory

# Winter 2011

Bachelor of Engineering Full-time Year 1 Mechanical Engineering

MATH 263	002 ODEs for Engineers	3	Α	3	A-
MATH 264	002 Adv Calculus for Engineers	3	Α	3	B+
MECH 210	001 Mechanics 1	2	A-	2	B-
MECH 262	001 Statistics and Measurement Lab	3	Α	3	В
MIME 260	001 Materials Science&Engineering	3	Α	3	R+

		Advanced Standing			Att Cr	Earned Cr	GPA Cr	Points
TERM GPA:	3.95	& Transfer Credits:	0.00	TERM TOTALS:	14.00	14.00	14.00	55.40
CUM GPA:	3.94	TOTAL CREDITS:	57.00	CUM TOTALS:	57.00	57.00	57.00	224.70

Standing: Satisfactory

Louis C Ho Scholarship in Engineering Dean's Honour List

### Fall 2011

Bachelor of Engineering Full-time Year 2 Mechanical Engineering

CIVE 207

001 Solid Mechanics

М	ATH 271 ECH 220 ECH 240	001 Linear Alg 001 Mechanic 001 Thermody	_	3 4 3	A A A	3 4 3	B- C+ C+	
TERM GPA:		Advanced Standing & Transfer Credits:		TERM TOTALS:	Att Cr 14.00	Earned Cr 14.00	GPA Cr 14.00	Points 54.80
CUM GPA:	3.93	TOTAL CREDITS:	71.00	CUM TOTALS:	71.00	71.00	71.00	279.50

A-

Standing: Satisfactory

## Winter 2012

Bachelor of Engineering Full-time Year 2 Mechanical Engineering

(	CCOM 206	708	Communi	cation in Engineering	3	Α	3	A-	
N	MECH 292	001	Conceptu	al Design	3	Α	3	Α	
N	MECH 315	001	Mechanic	s 3	4	Α	4	B+	
N	MECH 341	001	Thermody	namics 2	3	Α	3	A-	
N	MIME 310	002	Engineeri	ng Economy	3	Α	3	B-	
		Advanced	•			Att Cr	Earned Cr	GPA Cr	Points
TERM GPA:	4.00	& Transfer	r Credits:	0.00	TERM TOTALS:	16.00	16.00	16.00	64.00
CUM GPA	: 3.94	TOTAL CF	REDITS:	87.00	CUM TOTALS:	87.00	87.00	87.00	343.50

Standing: Satisfactory

B-

Louis C Ho Scholarship in Engineering Dean's Honour List

### Fall 2012

Bachelor of Engineering Full-time Year 3 Mechanical Engineering

ECSE 461	001	Electric Machinery	3	Α	3	В
MATH 317	001	Numerical Analysis	3	Α	3	B-
MECH 314	001	Dynamics of Mechanisms	3	Α	3	B+
MECH 321	001	Mechanics of Deformable Solids	3	Α	3	В
MECH 383	001	Appl Electronics&Instrumentn	3	Α	3	A-

		Advanced Standing			Att Cr	Earned Cr	GPA Cr	Points
TERM	4.00	& Transfer Credits:	0.00	TERM	15.00	15.00	15.00	60.00
GPA:				TOTALS:				
CUM GPA:	3.95	TOTAL CREDITS:	102.00	CUM TOTALS:	102.00	102.00	102.00	403.50

Standing: Satisfactory

## Winter 2013

Bachelor of Engineering Full-time Year 3 Mechanical Engineering

ECSE 424	001 Human-Computer Interaction	3	B+	3	
MECH 331	001 Fluid Mechanics 1	3	В	3	B-
MECH 393	001 Machine Element Design	3	Α	3	Α
MECH 412	001 System Dynamics and Control	3	В	3	B-

TERM GPA:	3.32	& Transfer Credits:	0.00	TERM TOTALS:	12.00	12.00	12.00	39.90
CUM GPA	3.88	TOTAL CREDITS:	114.00	CUM TOTALS:	114.00	114.00	114.00	443.40

Att Cr

Earned Cr GPA Cr

Standing: Satisfactory

# Fall 2013

Bachelor of Engineering Full-time Year 3 Mechanical Engineering

BUSA 465	001 Technological Entrepreneurship	3	S	3	B+
MECH 346	001 Heat Transfer	3	Α	3	A-
MECH 463D1 ♦	001 Mechanical Engineering Project	3	Α	3	

Advanced Standing

**Points** 

	MECH 513	002 Control S	Systems	3	A-	3		
	SOCI 235	001 Technolo	gy and Society	3	Α	3	В	
		Advanced Standing			Att Cr	Earned Cr	GPA Cr	Points
TERM GPA:	3.92	& Transfer Credits:	0.00	TERM TOTALS:	15.00	15.00	12.00	47.10
CUM GP/	A: 3.89	TOTAL CREDITS:	129.00	CUM TOTALS:	129.00	129.00	126.00	490.50

Standing: Satisfactory

## Winter 2014

Bachelor of Engineering Full-time Year 3 Mechanical Engineering

	FACC 400	002	P Eng Prof	essional Practice	1	Α	1	A-	
	MECH 362	001	Mechani	cal Lab 1	2	Α	2	Α	
	MECH 430	001	Fluid Me	chanics 2	3	Α	3	B+	
	MECH 463E	02 ♦ 001	Mechani	cal Engineering Project	3	Α	3	Α	
	MECH 541 0		002 Kinematic Synthesis		3	Α	3		
		Advance	d Standing			Att Cr	Earned Cr	GPA Cr	Points
TERM	4.00	& Transfe	er Credits:	0.00	TERM	12.00	12.00	12.00	48.00
GPA:					TOTALS:				
CUM GP	A: 3.90	TOTAL C	REDITS:	141.00	CUM TOTALS:	141.00	141.00	138.00	538.50

Standing: Satisfactory

**Bachelor of Engineering Granted: May 2014** 

Mechanical Engineering

Dean's Honour List

RELEASE: 1.15

FORM NAME: SWFTRAN