

# SENECA PROGRAM SUMMARY

CAMPUS CODES: JN - JANE                      KG - KING                      MK - MARKHAM                      NH - NEWNHAM                      SC - SCARBOROUGH  
 SY - SENECA@YORK                      VA - VAUGHAN                      YG - YORKGATE                      YPQ - PETERBOROUGH  
 START DATES: F - FALL                      W - WINTER                      S - SUMMER

Program Name	Code	Admission Requirements	Career Areas	Campus	Start	Duration	Notes	Page
<b>ANIMATION</b>								
3D Animation (Graduate Certificate)	DAN#	A diploma; <b>or</b> a recognized degree from an accredited institution in a fine art, 2D/3D animation, photography, film/video, architecture, or graphic design.	digital animator; digital modeler; visual effects artist; motion capture specialist	SY	F,W	2 Semesters (8 Months)	1,5	50
Animation	ANI#	Grade 12 English (ENG 4C or ENG 4U) Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	animator; modeler; character designer; storyboard artist; layout artist	SY	F,W	6 Semesters (3 Years)	5	51
Game Art and Animation (Graduate Certificate)	GAA	A diploma; <b>or</b> a recognized degree from an accredited institution in a fine art, 2D/3D animation, photography, film/video, architecture, or graphic design.	animator; modeler; character rigger and 3D painting/texturing/lighting specialist; game designer; level designer	SY	F,W	2 Semesters (8 Months)	1,5	53
Visual Effects for Film and Television (Graduate Certificate)	VFT#	A diploma; <b>or</b> a recognized degree from an accredited institution in a fine art, 2D/3D animation, photography, film/video, architecture, or graphic design.	digital effects artist; effects director; digital compositor; lighting artist	SY	F,W	2 Semesters (8 Months)	1,5	54
<b>AVIATION</b>								
Aviation Operations (Optional Co-op)	AVO	Grade 12 English (ENG 4C or ENG 4U) Grade 12 Mathematics (MCT 4C)* (recommended grade 60% or over) Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	airport operations; flight dispatcher; crew scheduling; airline operations; quality assurance auditor	NH	F	4 Semesters (2 Years)		57
Aviation Safety (Optional Co-op)	ASE	Grade 12 English (ENG 4C or ENG 4U) Grade 12 Mathematics (MCT 4C)* (recommended grade 60% or over) Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	aviation safety officer; emergency response; database administrator; sms co-ordinator	NH	F	6 Semesters (3 Years)		58
Bachelor of Aviation Technology Degree (Co-op)	FPR#	6 Grade 12 (U) or (M) courses (minimum 65% average) including: Grade 12 English (ENG 4U) Grade 12 Mathematics (MCV 4U) Grade 12 Mathematics (MHF 4U) Grade 12 Physics (SPH 4U)	airline pilot; military pilot; flying instructor; charter pilot; aviation management; air traffic control; corporate aviation; civil aviation inspector	YPQ	F	8 Semesters (4 Years)	5	59
<b>BUSINESS</b>								
Accounting	ACC	Grade 12 English (ENG 4C or ENG 4U) Grade 12 Mathematics (C) or (U)** Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	accounting technician; payroll administrator; tax clerk/tax return preparer; accounts receivable/payable administrator; general accounting co-ordinator; small business accountant	MK	F	4 Semesters (2 Years)		63
Accounting	ACC	Grade 12 English (ENG 4C or ENG 4U) Grade 12 Mathematics (C) or (U)** Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	accounting technician; payroll administrator; tax clerk/tax return preparer; accounts receivable/payable administrator; general accounting co-ordinator; small business accountant	NH	F,W,S	4 Semesters (2 Years)		63
Accounting and Finance (Optional Co-op)	ACF	Grade 12 English (ENG 4C or ENG 4U) Grade 12 Mathematics (C) or (U)** Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	accountant, accounting/accounts supervisor; financial analyst (junior); taxation audit analyst; loan officer; internal audit technician; managerial accountant; business analyst; budget co-ordinator	NH	F,W,S	6 Semesters (3 Years)		64

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# This program has additional requirements or is oversubscribed.

\* The best preparation for diploma programs in the Faculty of Applied Science and Engineering Technology is MCT 4C (Mathematics for College Technology). Programs in the Faculty of Applied Science and Engineering Technology (FASET) may also accept Grade 12 (U) Mathematics MHF 4U (Advanced Functions) or MCV 4U (Calculus and Vectors). Grades of 80% or higher in MAP 4C, 70% or higher in MCR 3U may be considered, however students will be assessed for appropriate placement. Refer to the detailed admission requirements on the program information pages.

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<b>BUSINESS (continued)</b>								
Accounting and Payroll (Optional Co-op)	APP	Grade 12 English (ENG 4C or ENG 4U) Grade 12 Mathematics (C) or (U)** Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	payroll administrator; payroll specialist; payroll accountant; human resource & payroll generalist; general accounting co-ordinator	NH	F,W	4 Semesters (2 Years)		67
Accounting Techniques	ACT	Grade 12 English (ENG 4C or ENG 4U) Grade 12 Mathematics (C) or (U)** Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	bookkeeper; accounts payable clerk; accounts receivable clerk; payroll administrator/supervisor	NH	F,W,S	2 Semesters (1 Year)		69
Bachelor of Commerce - Business Management Degree (Co-op)	BBM	6 Grade 12 (U) or (M) courses (minimum 65% average) including: Grade 12 English (ENG 4U) Grade 12 (U) Mathematics (any Grade 12 (U) Mathematics)	entry-level positions in private, public or non-profit sector management; start your own business	NH	F,W	8 Semesters (4 Years)	5	91
Bachelor of Commerce - Business Management Degree (Fast Track) (Co-op)	BBMX	Completion of the Business or Business Administration advanced diplomas required. All credentials will be assessed. Candidates that fully qualify for FAST TRACK will be given direct entry into the second or third year of this program.	entry-level positions in private, public or non-profit sector management; start your own business	NH	S	6 Semesters (3 Years) OR 4 Semesters (2 Years)	5	91
Bachelor of Commerce - Financial Services Management Degree (Co-op)	FSM	6 Grade 12 (U) or (M) courses (minimum 65% average) including: Grade 12 English (ENG 4U) Grade 12 (U) Mathematics (any Grade 12 (U) Mathematics)	entry-level management positions in banking; life insurance; wealth management; financial planning; regulatory administration	NH	F,W	8 Semesters (4 Years)	5	102
Bachelor of Commerce - Human Resources Strategy and Technology Degree (Co-op)	HST	6 Grade 12 (U) or (M) courses (minimum 65% average) including: Grade 12 English (ENG 4U) Grade 12 (U) Mathematics (any Grade 12 (U) Mathematics)	human resources administrator; human resources generalist; human resources specialist	NH	F,W	8 Semesters (4 Years)	5	108
Bachelor of Commerce - International Accounting and Finance Degree (Co-op)	IAF	6 Grade 12 (U) or (M) courses (minimum 65% average) including: Grade 12 English (ENG 4U) Grade 12 (U) Mathematics (any Grade 12 (U) Mathematics)	accounting positions in financial institutions, government and not-for-profit organizations; multinational and small business corporations such as: small business controller, divisional and corporate accountant; accountant technology analyst; international financial analyst or systems analyst	NH	F,W	8 Semesters (4 Years)	5	110
Bachelor of Commerce - International Business Management Degree (Co-op)	BMI	6 Grade 12 (U) or (M) courses (minimum 65% average) including: Grade 12 English (ENG 4U) Grade 12 (U) Mathematics (any Grade 12 (U) Mathematics)	private and public international business environments; government departments; international non-government organizations; customs brokerage; manufacturing; goods and services - exporting and importing; purchasing; procurement; international trade development; international sales and marketing; consulting and finance	NH	F,W	8 Semesters (4 Years)	5	113
Bachelor of Commerce - International Business Management Degree (Fast Track) (Co-op)	BMIX	Completion of the International Business or International Business Administration advanced diploma required. All credentials will be assessed. Candidates that fully qualify for FAST TRACK will be given direct entry into the second or third year of this program.	private and public international business environments; government departments; international non-government organizations; customs brokerage; manufacturing; goods and services - exporting and importing; purchasing; procurement; international trade development; international sales and marketing; consulting and finance	NH	F	6 Semesters (3 Years) or 4 Semesters (2 Years)	5,8	113

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<b>BUSINESS (continued)</b>								
Brand Management (Optional Co-op) (Graduate Certificate)	BMK	A recognized degree from an accredited institution with a specialization in a marketing-related discipline (e.g. commerce, economics, statistics, social psychology, cultural anthropology); <b>and/or</b> mature student status (age 19 or older) with 3 to 5 years of documented work experience. English proficiency at the college level.	brand or product manager; brand specialist; brand consultant; marketing manager; account manager; category manager; sales manager	MK	F	2 Semesters (8 Months)	1, 5	70
Business (formerly General Business)	BBS	Grade 12 English (ENG 4C or ENG 4U) Grade 12 Mathematics (C) or (U)** Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	manufacturing, sales and service industries; small business; entry level positions in business	MK,NH	F,W,S	4 Semesters (2 Years)		71
Business - Insurance	BIN	Grade 12 English (ENG 4C or ENG 4U) Grade 12 Mathematics (C) or (U)** Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	claims; underwriter; broker	NH	F,W	4 Semesters (2 Years)		73
Business - International Business (formerly International Business)	BUI	Grade 12 English (ENG 4C or ENG 4U) Grade 12 Mathematics (C) or (U)** Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	entry-level international trade; customs; manufacturing; goods and service exporting; logistics; supply-chain management; purchasing; international trade and research; international sales and marketing	NH	F,W,S	4 Semesters (2 Years)		74
Business - Marketing	BMT	Grade 12 English (ENG 4C or ENG 4U) Grade 12 Mathematics (C) or (U)** Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	market research; media planning; account executive; customer service; sales; marketing and sales associate; event co-ordinator; trade show representative	MK	F,W,S	4 Semesters (2 Years)		76
Business Administration - Entrepreneurship and Small Business	BAS	Grade 12 English (ENG 4C or ENG 4U) Grade 12 Mathematics (C) or (U)** Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	start your own business; acquire an existing business or franchise; take over family business	MK,NH	F,W,S	6 Semesters (3 Years)	7	77
Business Administration - Financial Planning (Optional Co-op)	BAF	Grade 12 English (ENG 4C or ENG 4U) Grade 12 Mathematics (C) or (U)** Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	financial advisor; investment advisor; personal banker; estate and retirement planner	NH	F,W,S	6 Semesters (3 Years)		79
Business Administration - Human Resources (Optional Co-op)	BHR	Grade 12 English (ENG 4C or ENG 4U) Grade 12 Mathematics (C) or (U)** Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	human resources administrator; human resources assistant; human resources generalist; human resources specialist	NH	F,W	6 Semesters (3 Years)		81
Business Administration - International Business (Optional Co-op) (formerly International Business Administration)	BAB	Grade 12 English (ENG 4C or ENG 4U) Grade 12 Mathematics (C) or (U)** Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	entry-level international trade; customs; manufacturing; goods and service exporting; logistics; supply chain management; purchasing; international trade and research; international sales and marketing; international consulting; international finance; business analyst; project management	NH	F,W,S	6 Semesters (3 Years)		83
Business Administration - Management	BAG	Grade 12 English (ENG 4C or ENG 4U) Grade 12 Mathematics (C) or (U)** Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	general business management; project co-ordinator; sales account management; client services; regional sales; business analyst	MK,NH	F,W,S	6 Semesters (3 Years)	7	85

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<b>BUSINESS (continued)</b>								
Business Administration - Marketing (Optional Co-op)	BAM	Grade 12 English (ENG 4C or ENG 4U) Grade 12 Mathematics (C) or (U)** Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	marketing assistant; marketing co-ordinator; sales manager; tradeshow management; media relations; customer service and marketing assistant; project co-ordinator; events co-ordinator; promotional co-ordinator; marketing administrative assistant; market research and analysis; media planning; account executive; sales account management; client services; regional sales; media buyer; product manager; brand manager	MK	F,W,S	6 Semesters (3 Years)		87
Business Administration - Purchasing and Supply Management	BAO	Grade 12 English (ENG 4C or ENG 4U) Grade 12 Mathematics (C) or (U)** Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	production assistant/manager/supervisor; buyer; quality assurance; production planning; inventory management	MK,NH	F,W,S	6 Semesters (3 Years)	7	89
Business Office Skills	BOS	Grade 12 English Grade 12 Mathematics OR CAAT Test	customer service; administrative assistant; bookkeeping/accounting clerk	MK,NM, YG	F,W,S	32 Weeks	3	93
Cosmetic Techniques and Management	CTM	Grade 12 English (ENG 4C or ENG 4U) Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	cosmetician; beauty advisor; freelance make-up artist; freelance demonstrator; account executive	NH	F,W	4 Semesters (2 Years)		94
Esthetician	EST	Grade 12 English (ENG 4C or ENG 4U) Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	esthetician; product representative; trainer; spa operator and entrepreneur	NH	F,W	4 Semesters (2 Years)		95
Esthetics and Spa Therapies	EAS	Grade 12 English (ENG 4C or ENG 4U) Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	esthetician; medical esthetician; skin care therapist; business entrepreneur; trainer	NH	F	6 Semesters (3 Years)		96
Event Marketing - Sports, Entertainment, Arts (Optional Co-op) (Graduate Certificate)	EVM	A two or three-year diploma; <b>or</b> a recognized degree from an accredited institution; <b>or</b> an acceptable combination of related work experience. English proficiency at the college level.	special events organizer; trade show planner/designer; assistant event co-ordinator; assistant creative designer; junior exhibit/event designer; festival organizer	MK	F	2 Semesters (8 Months)	1,5	97
Fashion Business	FAB	Grade 12 English (ENG 4C or ENG 4U) Grade 12 Mathematics (C) or (U)** Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	merchandise allocator; wholesale sales rep; buyer; store merchandiser; and store operations manager	NH	F	4 Semesters (2 Years)		98
Fashion Business Management	FBM	Grade 12 English (ENG 4C or ENG 4U) Grade 12 Mathematics (C) or (U)** Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	product developer; buyer; merchandise planner and allocator; category manager; merchandiser for manufacturing; sourcing specialist; import/exporter; logistics specialist; wholesale sales manager; and marketing communications specialist	NH	F	6 Semesters (3 Years)		99
Financial Services - Client Services	FSA	Grade 12 English (ENG 4C or ENG 4U) Grade 12 Mathematics (C) or (U)** Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	outbound and inbound customer services officer; retail banking officer; customer services representative; mortgage specialist; insurance consultant	NH	F	4 Semesters (2 Years)		100
Financial Services Compliance Administration (Graduate Certificate)	FCA	A three-year diploma; <b>or</b> a recognized degree from an accredited institution; <b>or</b> mature student status (age 19 or older) with 3 to 5 years of documented, related work experience including references. English proficiency at the college level.	compliance and risk management in; banking; insurance; mutual funds; regulatory agencies; securities	NH	F	2 Semesters (8 Months)	1,5	101

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<b>BUSINESS (continued)</b>								
Fraud Examination and Forensic Accounting (Graduate Certificate)	FEA	A diploma; <b>or</b> a recognized degree from an accredited institution in a related business area; <b>and/or</b> mature student status (age 19 or older) with 3 years of documented, related work experience.  Word processing and basic Internet applications.  Thorough understanding of accounting fundamentals.  English proficiency at the college level.	fraud examiner and forensic accountant with public accounting firms, financial institutions, government agencies	NH	F	2 Semesters (8 Months)	1,5	104
Global Logistics and Supply Chain Management (Graduate Certificate)	SCM	A three-year diploma; <b>or</b> a recognized degree from an accredited institution; <b>or</b> mature student status (age 19 or older) with 3 to 5 years of documented, related work experience including references.  English proficiency at the college/ university level.	analyst; manager; specialist in departments such as: transportation; logistics; purchasing/procurement; warehousing; international trade	NH	F,W	2 Semesters (8 Months)	1,5	105
Green Business Management (Graduate Certificate)	GBM	A three-year diploma; <b>or</b> a recognized degree from an accredited institution; <b>or</b> mature student status (age 19 or older) with a minimum of 5 years of documented, related work experience.  English proficiency at the college level.	entry-level management positions in companies that want to increase productivity through sustainability	NH	F	2 Semesters (8 Months)	1,5	106
Human Resources Management (Optional Co-op) (Graduate Certificate)	HRM/ HRMC#	A three-year diploma; <b>or</b> a recognized degree from an accredited institution; <b>or</b> mature student status (age 19 or older) with 3 to 5 years of documented, related work experience including references.  English proficiency at the college level.	human resources administrator; human resources generalist; human resources specialist	NH	F,W	2 Semesters (1 Year)	1,5	107
International Business Management (Graduate Certificate)	IBS	A three-year diploma; <b>or</b> a recognized degree from an accredited institution; <b>or</b> mature student status (age 19 or older) with 3 to 5 years of documented, related work experience including references.  English proficiency at the college level.	entry-level positions with trading houses; banks; multi-national corporations; international sales and marketing; international trade development; freight forwarders; transportation companies; consulting; governments; international institutions	NH	F,W,S	2 Semesters (8 Months)	1,5	112
International Transportation and Customs	TCS	Grade 12 English (ENG 4C or ENG 4U) Grade 12 Mathematics (C) or (U)**  Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	entry-level transportation; customs brokerage; international freight forwarding; compliance; auditing; importing/exporting; logistics; international banking	NH	F,W,S	4 Semesters (2 Years)		115
Marketing Management (Optional Co-op) (Graduate Certificate)	MKM	A recognized degree from an accredited institution; <b>and/or</b> mature student status (age 19 or older) with 3 to 5 years of documented, related work experience.  English proficiency at the college level.	market research analyst; marketing or advertising co-ordinator; direct response marketing or sales promotion co-ordinator; media planner; marketing assistant; account executive; product manager; sales manager	MK	F	2 Semesters (8 Months)	1,5	117
Nonprofit Leadership Management (Graduate Certificate)	NPL	A three-year diploma; <b>or</b> a recognized degree from an accredited institution; <b>and/or</b> mature student status (age 19 or older) with a minimum of 5 years of documented work experience.	entry level management positions in non-profits; charities; advocacy groups; associations; social enterprises and cooperatives in areas such as health care; education; arts and entertainment; housing; community economic development; wildlife preservation; sports and recreation, anti-poverty; environmental and social change action	NH	F	2 Semesters (8 Months)	1,5	118

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<b>BUSINESS (continued)</b>								
Office Administration - Executive	EXS	Grade 12 English (ENG 4C or ENG 4U) Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	executive assistant; administrative assistant in private business or public sector	NH	F,W	3 Semesters (Accelerated)	5	119
Office Administration - Legal	LES	Grade 12 English (ENG 4C or ENG 4U) Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	legal secretary; office assistant in legal offices, in private business or government	NH	F	3 Semesters (Accelerated)	5	120
Office Administration - Medical	MES	Grade 12 English (ENG 4C or ENG 4U) Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	medical secretary; medical administrative assistant; transcriptionist in offices, clinics, hospitals	NH	F,W,S	3 Semesters (Accelerated)	5	121
Pre-Business	PBS	Grade 12 English (ENG 4C or ENG 4U) Grade 12 Mathematics (C) or (U)** Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	entry-level position in business	NH	F,W,S	2 Semesters (8 Months)		122
Professional Accounting Practice (Graduate Certificate)	PRA	A diploma; <b>or</b> a recognized degree from an accredited institution; <b>and/ or</b> mature student status (age 19 or older) with 3 to 5 years of documented, related work experience including references. English proficiency at the college level.	senior project accountant; assistant or divisional controller; general accountant; accounting systems administrator; production or financial controller; senior financial analyst	NH	F	3 Semesters (consecutive) (42 Weeks)	1,5	123
Real Property Administration (Assessment and Appraisal)	RPA	Grade 12 English (ENG 4C or ENG 4U) Grade 12 Mathematics (C) or (U)** Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	property assessor; tax agent; assessment monitor; appraiser; lease administrator; valuation consultant	NH	F	4 Semesters (2 Years)		124
Real Property Administration (Assessment and Appraisal) (Accelerated)	RPAA	A diploma; <b>or</b> substantial completion of a recognized degree from an accredited institution. Grade 12 Mathematics (C) or (U)** English proficiency at the college level.	property assessor; tax agent; assessment monitor; appraiser; lease administrator; valuation consultant	NH	F	2 Semesters (8 Months)	1,5	125
Social Media (Graduate Certificate)	SMD	A diploma; <b>or</b> a recognized degree from an accredited institution; <b>or</b> mature student status (age 19 or older) with 3 to 5 years of documented work experience in a related field including references. Word processing and basic Internet applications. English proficiency at the college level.	brand ambassador; community manager; content strategist; customer relations specialist; digital content manager; digital media manager; digital marketing manager; director of marketing; director of customer engagement; interactive marketing manager; marketing coordinator; social analytics manager; social media analyst; social media coordinator; social media community manager; social media content curator; social media specialist; or social media strategist within organizations in the for profit, not-for-profit, government and academic sectors	MK	F	2 Semesters (8 Months)	1,5	126

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<b>COMMUNICATIONS &amp; PUBLIC ADMINISTRATION</b>								
Corporate Communications (Graduate Certificate)	CCM	A three-year diploma; <b>or</b> a recognized degree from an accredited institution. English proficiency at the college level.	public relations practitioner	SY	F,W	2 Semesters (1 Year)	1,5	130
Corporate Communications (Co-op) (Graduate Certificate)	CCMC	A three-year diploma; <b>or</b> a recognized degree from an accredited institution. English proficiency at the college level.	public relations practitioner	SY	F,W	2 Semesters (1 Year)	1,5	130
Court and Tribunal Administration	CTA	Grade 12 English (ENG 4C or ENG 4U) Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	court clerk; court and tribunal administrator	NH	F	4 Semesters (2 Years)		132
Court and Tribunal Administration (Articulated)	CTAT	Substantial completion of a B.A. from the Law and Society program of York University; <b>or</b> a recognized degree or equivalent from an Ontario university in Justice Studies.	court clerk; court and tribunal administrator	NH	F	2 Semesters (9 Months)	2,6	133
Government Relations (Optional Co-op) (Graduate Certificate)	GRM	A three-year diploma; <b>or</b> a recognized degree from an accredited institution. English proficiency at the college level.	government relations practitioner; public affairs practitioner	SY	W,S	2 Semesters (1 Year)	1,5	134
Law Clerk	LCK	Grade 12 English (ENG 4C or ENG 4U) Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	law clerk in law firm or law department in private business or government	NH	F,W	4 Semesters (2 Years)		135
Law Clerk (Accelerated)	LCKA	A diploma; <b>or</b> substantial completion of a recognized degree from an accredited institution. English proficiency at the college level.	law clerk in law firm or law department in private business or government	NH	F,W	3 Semesters (13 Months)	1	136
Library and Information Technician	LIT	Grade 12 English (ENG 4C or ENG 4U) Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	library technician; information specialist; database content developer; software trainer	NH	F	4 Semesters (2 Years)		137
Library and Information Technician (Accelerated)	LITA	A diploma; <b>or</b> substantial completion of a recognized degree from an accredited institution. English proficiency at the college level.	library technician; information specialist; database content developer; software trainer	NH	S	3 Semesters (12 Months)	1,5	138
Paralegal	PLE	Grade 12 English (ENG 4C or ENG 4U) Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	licensed paralegal; clerk in legal and government offices	NH	F	4 Semesters (2 Years)		139
Paralegal (Accelerated)	PLEA	A diploma; <b>or</b> substantial completion of a recognized degree from an accredited institution. English proficiency at the college level.	licensed paralegal; clerk in legal and government offices	NH	F,S	3 Semesters (13 Months)	1,5	140
Public Administration (Optional Co-op) (Graduate Certificate)	PAD	A diploma; <b>or</b> a recognized degree from an accredited institution; <b>or</b> mature student status (age 19 or older) with 3 to 5 years of documented work experience in a related field including references.  Word processing and basic Internet applications.  English proficiency at the college/ university level.	policy and compliance analyst; administrative officer; program support officer; project officer in government or non-profit sectors	NH	F	2 Semesters (8 Months)	1,5	141
Public Administration - Municipal	MAP	Grade 12 English (ENG 4C or ENG 4U) Grade 12 Mathematics (C) or (U)**  Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	program support officer or administrative assistant in municipal government; assistant to councillor	NH	F	4 Semesters (2 Years)		142

For diploma programs, incoming first-semester students will have an assessment of their English and Mathematics skills if either of these subjects is required for admission. Based on the assessment, students will be timetabled into first-semester English and Mathematics courses appropriate to their skill level.

\*\* May also consider students with Grade 11 (U) or (M) Mathematics.

# SENECA PROGRAM SUMMARY

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 START DATES: F - FALL                      W - WINTER                      S - SUMMER

Program Name	Code	Admission Requirements	Career Areas	Campus	Start	Duration	Notes	Page
<b>COMMUNICATIONS &amp; PUBLIC ADMINISTRATION (continued)</b>								
Technical Communication (Co-op) (Graduate Certificate)	TECC	A three-year diploma; <b>or</b> a recognized degree from an accredited institution; <b>or</b> mature student status (age 19 or older) with 3 to 5 years of documented, related work experience including references.  English proficiency at the college level.	technical writer; technical editor; documentation specialist	SY	F,S	2 Semesters (1 Year)	1,5	143
<b>COMMUNITY SERVICES</b>								
Bachelor of Child Development Degree (Co-op)	BCD	6 Grade 12 (U) or (M) courses (minimum 65% average) including: Grade 12 English (ENG 4U)	early childhood educator; resource teacher; ECE consultant; child and family professional; ECE supervisor/administrator; early interventionist	KG, NH	F	8 Semesters (4 Years)	5	146
Bachelor of Child Development Degree (Fast Track) (Co-op)	BCDX	ECE diploma or ECE equivalency with a minimum 3.0 G.P.A. would be eligible to apply into semester four.	early childhood educator; resource teacher; ECE consultant; child and family professional; ECE supervisor/administrator; early interventionist	KG, NH	F,W	8 Semesters (4 Years)	5,8	146
Child and Youth Worker	CYW	Grade 12 English (ENG 4C or ENG 4U) Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	group homes; therapeutic preschool programs; hospitals; community-based programs; schools	KG	F	6 Semesters (3 Years)		148
Early Childhood Education	ECE	Grade 12 English (ENG 4C or ENG 4U) Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	child care director; ECE teacher (preschool, infant/toddler and school-age); private home child care supervisor; ECE in kindergarten	KG, NH	F,W,S	4 Semesters (2 Years)		149
Early Childhood Education (Accelerated)	ECYA	A recognized Ontario B.A. Degree (or other undergraduate degree) or documentation of assessed degree equivalency.  Documentation which reflects previous paid or volunteer experience with young children.  Completion of all required Summer semester subjects at a minimum "C" grade level.  English proficiency at the college level.	child care director; ECE consultant; ECE teacher (preschool, infant/toddler and school-age); ECE in kindergarten	NH	S	3 Semesters (35 Weeks)	1	150
Environmental Landscape Management (Co-op)	EVLC	Grade 12 English (ENG 4C or ENG 4U) Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	environmental landscaper; horticulturist/nursery worker; park technician	KG	F	4 Semesters (2 Years)		151
Social Service Worker	SSW	Grade 12 English (ENG 4C or ENG 4U) Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	social service worker	KG,SY	F	4 Semesters (2 Years)		152
Social Service Worker (Accelerated)	SSWA	B.A. in Social Sciences. English proficiency at the college level.	social service worker	KG	S	3 Semesters (35 Weeks)	1	153
Social Service Worker - Gerontology	SSWG	Grade 12 English (ENG 4C or ENG 4U) Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	social worker specializing in gerontology; activation co-ordinator; home support services co-ordinator; dementia worker	KG	F	4 Semesters (2 Years)		155
Social Service Worker - Immigrants and Refugees	SSWI	Grade 12 English (ENG 4C or ENG 4U) Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	social worker specializing in working with immigrants and refugees	SY	F	4 Semesters (2 Years)		157
Social Service Worker - Immigrants and Refugees (Accelerated)	SSIA	A diploma; <b>or</b> a B.A. in Social Sciences. English proficiency at the college level.	social worker specializing in working with immigrants and refugees	SY	S	3 Semesters (1 Year)		158

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# SENECA PROGRAM SUMMARY

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 START DATES: F - FALL                      W - WINTER                      S - SUMMER

Program Name	Code	Admission Requirements	Career Areas	Campus	Start	Duration	Notes	Page
<b>HEALTH SCIENCES</b>								
Behavioural Sciences	BHS	Grade 12 English (ENG 4C or ENG 4U) Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	behavioural interventionist; educational assistant or educational resource facilitator in a school; employment in correctional facilities, group homes or other specialized centres	KG	F	4 Semesters (2 Years)		162
Nursing – Collaborative BScN Degree Program with Seneca College/ York University	BSCN#	6 Grade 12 (U) or (M) courses (minimum 80% average) including: Grade 12 English (ENG 4U) Grade 12 (U) Mathematics Grade 12 (U) Biology (SBI 4U) Grade 12 (U) Chemistry (SCH 4U) <b>or</b> Grade 12 (U) Physics (SPH 4U)	registered nurse	KG	F,W	8 Semesters (4 Years)  <i>consisting of: 4 Semesters (2 Years) – King Campus  4 Semesters (2 Years) – York University</i>	2,5	163
Opticianry (Co-op)	OPTC	Grade 12 English (ENG 4C or ENG 4U) Grade 12 Mathematics (C) or (U) Any Grade 12 Science (C) or (U) <b>or</b> Grade 11 Biology (C)  Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	registered optician; eye glass and contact lens dispenser	NH	F	2 Years	5	165
Pharmaceutical Regulatory Affairs and Quality Operations (Co-op) (Graduate Certificate)	RAQC#	A recognized degree from an accredited institution in science with a focus on chemistry, biology or pharmaceutical studies.  English proficiency at the college/ university level.	regulatory affairs associate; quality assurance associate; documentation administrator	SY	F,W,S	2 Semesters (1 Year)	1,5	276
Practical Nursing	PND	Grade 12 English (ENG 4C or ENG 4U) Grade 12 Mathematics (C) or (U)** Grade 11 Biology (SBI 3C or SBI 3U) Grade 12 Physics (SPH 4C or SPH 3U) <b>or</b> Grade 12 Chemistry (SCH 4C or SCH 3U)  Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	nursing in a hospital, long-term care facility or in the community	KG	F,W	5 Semesters (2 Years)		166
Pre-Health Science	PHS	Grade 12 English (ENG 4C or ENG 4U) Grade 12 Mathematics (C) or (U)  Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	preparing for further education in the health science field	KG	F,W	2 Semesters (1 Year)		167
Veterinary Technician	VTE#	Grade 12 English (ENG 4C or ENG 4U) Grade 12 Mathematics (C) or (U)** Grade 11 Biology (C) or (U) (SBI 3C or SBI 3U) Grade 12 Chemistry (C) or (U)  Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	veterinary assistant; animal research assistant; wildlife services officer	KG	F	4 Semesters (2 Years)	5	168
<b>HOSPITALITY &amp; TOURISM</b>								
Flight Services	FLS	Grade 12 English (ENG 4C or ENG 4U) Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	airline passenger representative; airline check-in agent; customer service representative	MK	F,W,S	2 Semesters (8 Months)		171
Hospitality Foundations	HFC	Grade 12 English (ENG 4C or ENG 4U) Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	entry-level careers in hotel front office; food and beverage service and operations; catering and banquet service	MK	F,W,S	2 Semesters (8 Months)		172

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# This program has additional requirements or is oversubscribed.

\*\* May also consider students with Grade 11 (U) or (M) Mathematics.

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 START DATES: F - FALL      W - WINTER      S - SUMMER

Program Name	Code	Admission Requirements	Career Areas	Campus	Start	Duration	Notes	Page
<b>HOSPITALITY &amp; TOURISM (continued)</b>								
Hospitality Management - Hotel and Restaurant (Optional Co-op)	HTM	Grade 12 English (ENG 4C or ENG 4U) Grade 11 Mathematics (C) or (U) Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	hotel front office; food and beverage operations; catering; resort hosting; banquet planning; human resources; room booking; event and meeting planning; marketing and sales or hotel and restaurant administration	MK	F,W	4 Semesters (2 Years)		173
Tourism - Travel Operations	TTO	Grade 12 English (ENG 4C or ENG 4U) Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	ticket and counter agent; marketing representative; reservationist; front desk clerk; home-based travel counsellor; convention/conference/meeting planner assistant; Internet travel retailer	MK	F,W,S	2 Semesters (8 Months)		175
Tourism and Travel (Optional Co-op)	TIS	Grade 12 English (ENG 4C or ENG 4U) Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	customer service; marketing and sales representative; reservationist; hotel front desk clerk; tour manager; tour guide; eco-adventure tourism host; resort host; leisure and corporate travel counsellor; cruise specialist; convention/conference/meeting planner assistant; incentive travel coordinator; municipal or provincial tourism advisor; corporate travel coordinator; customer-care call-service agent	MK	F,W,S	4 Semesters (2 Years)		176
Tourism and Travel (Flight Services Option)	TFS	Grade 12 English (ENG 4C or ENG 4U) Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	flight attendant; airline passenger service representative; airline check-in agent; cabin crew, airline reservation agent for Canadian or international air carriers	MK	F,W,S	4 Semesters (2 Years)		178
Tourism and Travel (Meetings, Conventions, and Conferences Option)	TLM	Grade 12 English (ENG 4C or ENG 4U) Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	event planner; wedding planner; conference and convention planner; meeting planner; program planner for incentives travel; cultural event planner; festivals planner; sports planner	MK	F,W	4 Semesters (2 Years)		179

## INFORMATION & COMMUNICATIONS TECHNOLOGY

Applied Electronics Design (Optional Co-op) (Graduate Certificate)	AED	A three-year diploma in Electronics or Computer Engineering Technology; <b>or</b> a recognized degree from an accredited institution in Engineering.  Working knowledge of current digital design practices using VHDL and PLD, analog design principles, programming in the 'C' language, Windows environment, word processors and web browsers.  English proficiency at the college level.	product development and support in microelectronics and wireless communications	NH	F	2 Semesters (8 Months)	1,5	182
Bachelor of Technology (Informatics and Security) Degree (Co-op)	IFS	6 Grade 12 (U) or (M) courses (minimum 65% average) including: Grade 12 English (ENG 4U) Grade 12 (U) Mathematics (any Grade 12 (U) Mathematics)	security operator; junior security analyst; security analyst; network administrator; IT auditor; information security analyst; cyber security consultant; security specialist	SY	F,W	8 Semesters (4 Years)	5	192
Bachelor of Technology (Software Development) Degree (Co-op)	BSD	6 Grade 12 (U) or (M) courses (minimum 65% average) including: Grade 12 English (ENG 4U) Grade 12 (U) Mathematics (any Grade 12 (U) Mathematics)	systems analyst; programmer/analyst; internet designer/developer; client/server application developer; database application specialist; project manager	SY	F,W	8 Semesters (4 Years)	5	195
Computer Engineering Technology (Optional Co-op)	ECT	Grade 12 English (ENG 4C or ENG 4U) Grade 12 Mathematics (MCT 4C)* (recommended grade 60% or over) Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	industrial programmer; network administrator; network support specialist; software specialist; computer repair specialist; computer consultant; network analyst/installer; product support; specialized electronic designer	NH	F,W,S	6 Semesters (3 Years)		183

For diploma programs, incoming first-semester students will have an assessment of their English and Mathematics skills if either of these subjects is required for admission. Based on the assessment, students will be timetabled into first-semester English and Mathematics courses appropriate to their skill level.

\* The best preparation for diploma programs in the Faculty of Applied Science and Engineering Technology is MCT 4C (Mathematics for College Technology). Programs in the Faculty of Applied Science and Engineering Technology (FASET) may also accept Grade 12 (U) Mathematics MHF 4U (Advanced Functions) or MCV 4U (Calculus and Vectors). Grades of 80% or higher in MAP 4C, 70% or higher in MCR 3U may be considered, however students will be assessed for appropriate placement. Refer to the detailed admission requirements on the program information pages.

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 START DATES: F - FALL                      W - WINTER                      S - SUMMER

Program Name	Code	Admission Requirements	Career Areas	Campus	Start	Duration	Notes	Page
<b>INFORMATION &amp; COMMUNICATIONS TECHNOLOGY (continued)</b>								
Computer Networking and Technical Support	CNS	Grade 12 English (ENG 4C or ENG 4U) Grade 12 Mathematics (C) or (U)** Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	technical support specialist; network administrator; LAN/PC technician; computer consultant; web management	SY	F,W,S	4 Semesters (2 Years)	5	185
Computer Programmer	CPD	Grade 12 English (ENG 4C or ENG 4U) Grade 12 Mathematics (C) or (U)** Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	computer programmer; software developer; computer consultant	SY	F,W,S	4 Semesters (2 Years)		186
Computer Programming and Analysis (Optional Co-op)	CPA	Grade 12 English (ENG 4C or ENG 4U) Grade 12 Mathematics (C) or (U)** Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	computer programmer; systems analyst; software developer; web developer; network designer; database administration	SY	F,W,S	6 Semesters (3 Years)		187
Computer Systems Technology (Optional Co-op)	CTY	Grade 12 English (ENG 4C or ENG 4U) Grade 12 Mathematics (C) or (U)** Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	technical support specialist; network administrator; LAN/PC technician; computer consultant; web management	SY	F,W,S	6 Semesters (3 Years)	5	189
Database Application Developer (Optional Co-op) (Graduate Certificate)	DAD#	A three-year diploma; <b>or</b> a recognized degree from an accredited institution in computers <b>or</b> in a non-computer field with 2 or more years of IT work experience <b>or</b> in a non-computer field and completion of IT programming courses. English proficiency at the college level.	database developers; database web programmers; database programmers; web developers	SY	F,W	2 Semesters (1 Year)	1,5	191
Project Management - Information Technology (Optional Co-op) (Graduate Certificate)	PMC	A diploma; <b>or</b> a recognized degree from an accredited institution in electronics, software development or IT administration; <b>or</b> A diploma or a recognized degree from an accredited institution in Business or Liberal Arts with 2 years IT-related work experience. English proficiency at the college level.	project coordinator; assistant project manager; junior project manager; project analyst; work manager; project lead	SY	F,W	2 Semesters (8 Months)	1,5	194
<b>LAW &amp; PUBLIC SAFETY</b>								
911 and Emergency Services Communications	ESC	Grade 12 English (ENG 4C or ENG 4U) Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	communicator/dispatcher with police; fire, ambulance; private police; security; alarm response; other public safety agencies	KG	F,W	2 Semesters (8 Months)	5	199
Advanced Investigations and Enforcement (Graduate Certificate)	AIE	A diploma in Police Foundations, Law and Security Administration, or other relevant course of study from a recognized post-secondary institution; <b>or</b> a recognized degree from an accredited institution in a relevant course of study. Grade 12 English (ENG 4C or ENG 4U)	policing; private policing; security; private investigator	KG	F	2 Semesters (8 Months)	1	200
Firefighter, Pre-Service Education and Training	FFP#	Grade 12 English (ENG 4C or ENG 4U) Grade 12 Mathematics (MCT 4C)*** (recommended grade 60% or over) Grade 11 or 12 Biology (C) or (U) (SBI 3C or SBI 3U) Grade 11 or 12 Chemistry (C) or (U) (SCH 4C or SCH 4U) Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	firefighting	NH	F,W,S	3 Semesters (1 Year)	5	201

For diploma programs, incoming first-semester students will have an assessment of their English and Mathematics skills if either of these subjects is required for admission. Based on the assessment, students will be timetabled into first-semester English and Mathematics courses appropriate to their skill level.

# This program has additional requirements or is oversubscribed.

\*\* May also consider students with Grade 11 (U) or (M) Mathematics.

\*\*\* May also consider applicants with good grades in MAP 4C or MCR3U.

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 START DATES: F - FALL                      W - WINTER                      S - SUMMER

Program Name	Code	Admission Requirements	Career Areas	Campus	Start	Duration	Notes	Page
<b>LAW &amp; PUBLIC SAFETY</b> <i>(continued)</i>								
Fire Protection Engineering Technician	FPN	Grade 12 English (ENG 4C or ENG 4U) Grade 12 Mathematics (MCT 4C)*** (recommended grade 60% or over)  Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	firefighter; fire alarm installer	NH	F,W	4 Semesters (2 Years)		267
Fire Protection Engineering Technology (Optional Co-op)	FPT	Grade 12 English (ENG 4C or ENG 4U) Grade 12 Mathematics (MCT 4C)*** (recommended grade 60% or over)  Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	firefighter; alarm/sprinkler designer; fire regulations co-ordinator	NH	F,W	6 Semesters (3 Years)		268
Forensic Investigative Studies	FOR	Please see program page	police officer; police investigator; private investigator, corporate and government investigator; forensic investigator (contact King Campus)	KG	F,W,S	Part-time	3,4	202
Law Clerk	LCK	Grade 12 English (ENG 4C or ENG 4U) Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	law clerk in law firm or law department in private business or government	NH	F,W	4 Semesters (2 Years)		135
Law Clerk (Accelerated)	LCKA	A diploma; <b>or</b> substantial completion of a recognized degree from an accredited institution.  English proficiency at the college level.	law clerk in law firm or law department in private business or government	NH	F,W	3 Semesters (13 Months)	1	136
Paralegal	PLE	Grade 12 English (ENG 4C or ENG 4U) Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	licensed paralegal; clerk in legal and government offices	NH	F	4 Semesters (2 Years)		139
Paralegal (Accelerated)	PLEA	A diploma; <b>or</b> substantial completion of a recognized degree from an accredited institution.  English proficiency at the college level.	licensed paralegal; clerk in legal and government offices	NH	F,S	3 Semesters (13 Months)	1,5	140
Police Foundations	LAW	Grade 12 English (ENG 4C or ENG 4U) Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	police officer; corrections; private police; security professional; private investigator; border services	KG	F,W	4 Semesters (2 Years)		203
<b>MEDIA &amp; DESIGN</b>								
Art Fundamentals	AFD#	Grade 12 English (ENG 4C or ENG 4U) Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	drawing; colour theory; photography; art history	SY	F,W,S	2 Semesters (8 Months)		206
Broadcasting - Radio	RTVR#	Grade 12 English (ENG 4C or ENG 4U) Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	radio announcer; radio scriptwriter; sales and promotion	SY	F,W	4 Semesters (2 Years)	5	207
Broadcasting - Radio (Joint with York University)	RTYR#	Completion of two years of a B.A. program or three years of an honours B.A. program at York University.	radio announcer; radio scriptwriter; sales and promotion	SY	F	4 Semesters (2 Years)	2,5,6	207
Broadcasting - Television	RTVT#	Grade 12 English (ENG 4C or ENG 4U) Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	television producer or director; television scriptwriter; production co-ordinator; camera person; video editor	SY	F,W	4 Semesters (2 Years)	5	208
Broadcasting - Television (Joint with York University)	RTYT#	Completion of two years of a B.A. program or three years of an honours B.A. program at York University.	television producer or director; television scriptwriter; production co-ordinator; camera person; video editor	SY	F	4 Semesters (2 Years)	2,5,6	208

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 START DATES: F - FALL                      W - WINTER                      S - SUMMER

Program Name	Code	Admission Requirements	Career Areas	Campus	Start	Duration	Notes	Page
<b>MEDIA &amp; DESIGN (continued)</b>								
Creative Advertising	CAB#	Grade 12 English (ENG 4C or ENG 4U) Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	advertising copywriter; account executive; marketing co-ordinator; media buyer; media planner	MK	F,W,S	4 Semesters (2 Years)	5	209
Creative Advertising (Joint with York University)	CABY#	Completed two years of a B.A. program or three years of an honours B.A. program at York University.	advertising copywriter; account executive; marketing co-ordinator; media buyer; media planner	MK	F	4 Semesters (2 Years)	2,5,6	209
Documentary and Non-Fiction Media Production (Graduate Certificate)	DNM	A diploma; <b>or</b> a recognized degree from an accredited institution.	independent documentary filmmaker; new media content producer; videographer; story producer; positions in post-production department	SY	S	2 Semesters (1 Year)	1,5	211
Event and Media Production	EMP#	Grade 12 English (ENG 4C or ENG 4U) Grade 12 Mathematics (C) or (U) Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	corporate event producer; audio-visual technician; corporate video producer/editor	SY	F,W	4 Semesters (2 Years)	5	212
Event Management - Event and Exhibit Design (Graduate Certificate)	EVT	An Ontario College Diploma, Ontario College Advanced Diploma; a recognized degree from an accredited institution; <b>or</b> equivalent preferably in design such as Visual Merchandising Arts, Fashion Design, Interior Design, Industrial Design or Graphic Design.  English proficiency at the college level.  Demonstrated understanding of the principles of applied design.  Hands-on experience with physical skills such as painting, sewing, cutting, designing.  Proficient with a computer, software and applications such as Word, Excel, PowerPoint, email and Internet.	special events organizer; trade show planner/designer; assistant event co-ordinator; assistant creative designer; junior exhibit/event designer; festival organizer	NH	F	2 Semesters (8 Months)	1,5	213
Fashion Arts	FAA	Grade 12 English (ENG 4C or ENG 4U) Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	designer; stylist; pattern maker; quality control; production manager; trend forecaster; technical designer; product developer; fashion entrepreneur	NH	F,W	6 Semesters (3 Years)		214
Fashion Business	FAB	Grade 12 English (ENG 4C or ENG 4U) Grade 12 Mathematics (C) or (U)** Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	merchandise allocator; wholesale sales rep; buyer; store merchandiser; and store operations manager	NH	F	4 Semesters (2 Years)		98
Fashion Business Management	FBM	Grade 12 English (ENG 4C or ENG 4U) Grade 12 Mathematics (C) or (U)** Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	product developer; buyer; merchandise planner and allocator; category manager; merchandiser for manufacturing; sourcing specialist; import/exporter; logistics specialist; wholesale sales manager; and marketing communications specialist	NH	F	6 Semesters (3 Years)		99
Fashion Studies	FST	Grade 12 English (ENG 4C or ENG 4U) Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	drawing; colour theory; painting; trend forecasting; design history; visual culture; preparation for further education in the fashion area	NH	F,W	2 Semesters (8 Months)		215
Floral Design	FDN	Grade 12 English (ENG 4C or ENG 4U) Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	floral designer; sales consultant/ advisor; management trainee in retail floral industry; event designer and planner	NH	F	2 Semesters (8 Months)		216
Graphic Design	GRA#	Grade 12 English (ENG 4C or ENG 4U) Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	webpage designer; graphic designer; package designer; information designer	SY	F,W,S	6 Semesters (3 Years)	5	217

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# This program has additional requirements or is oversubscribed.

\*\* May also consider students with Grade 11 (U) or (M) Mathematics.

# SENECA PROGRAM SUMMARY

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 START DATES: F - FALL                      W - WINTER                      S - SUMMER

Program Name	Code	Admission Requirements	Career Areas	Campus	Start	Duration	Notes	Page
<b>MEDIA &amp; DESIGN (continued)</b>								
Independent Digital Photography	IDP#	Grade 12 English (ENG 4C or ENG 4U) Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	photographer; digital imager	SY	F,W	4 Semesters (2 Years)	5	218
Independent Illustration	ILU#	Grade 12 English (ENG 4C or ENG 4U) Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	freelance illustrator employed by print and e-publishers, advertising agencies, broadcasters, film production companies, digital media production companies	SY	F,W	4 Semesters (2 Years)	5	219
Interactive Media Design (formerly Digital Media Arts)	INM#	Grade 12 English (ENG 4C or ENG 4U) Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	interactive media designer; web designer; computer imaging specialist; dvd creation; video editing and graphics; flash artist	SY	F,W,S	4 Semesters (2 Years)	5	220
Journalism	JRN#	Grade 12 English (ENG 4C or ENG 4U) Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	broadcast journalism; media relations	SY	F,S	4 Semesters (2 Years)	5	221
Journalism (Joint with York University)	JRNY#	Completion of two years of a B.A. program or three years of an honours B.A. program at York University.	broadcast journalism; media relations	SY	F	4 Semesters (2 Years)	2,5,6	221
Pre-Media (Media and Communications Fundamentals)	MFD#	Grade 12 English (ENG 4C or ENG 4U) Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	preparation for further study in Communication Arts	SY	F,W	2 Semesters (8 Months)		222
Social Media (Graduate Certificate)	SMD	A diploma; <b>or</b> a recognized degree from an accredited institution; <b>or</b> mature student status (age 19 or older) with 3 to 5 years of documented work experience in a related field including references.  Word processing and basic Internet applications.  English proficiency at the college level.	brand ambassador; community manager; content strategist; customer relations specialist; digital content manager; digital media manager; digital marketing manager; director of marketing; director of customer engagement; interactive marketing manager; marketing coordinator; social analytics manager; social media analyst; social media coordinator; social media community manager; social media content curator; social media specialist; or social media strategist within organizations in the for profit, not-for-profit, government and academic sectors	MK	F	2 Semesters (8 Months)	1,5	126
Visual Merchandising Arts	VMA	Grade 12 English (ENG 4C or ENG 4U) Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	retail and exhibition display designer; promotional photography	NH	F	4 Semesters (2 Years)		223
<b>PERFORMANCE</b>								
Acting for Camera and Voice	ACV#	Grade 12 English (ENG 4C or ENG 4U) Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	film/tv actor; theatre actor; voice-over actor; radio/tv commercial actor; animation character actor; video games voice-over actor	SY	F,W,S	4 Semesters (2 Years)	5	226
Independent Music Production	IMP#	Grade 12 English (ENG 4C or ENG 4U) Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	recording; live performance; sound track production for movies and television	SY	F,W,S	2 Semesters (8 Months)	5	227

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Program Name	Code	Admission Requirements	Career Areas	Campus	Start	Duration	Notes	Page
<b>PREPARATORY STUDIES</b>								
Academic Upgrading	N/A	Mature Student (19 years or older)	upgrade basic skills to meet college entry requirements	NM, NH, SC, VA, YG	F,W,S	Continuous/ Semester Intake	3	230
College Opportunities	CAP	OSSD or Mature Student (19 years or older)	explore pathways to a wide variety of work settings, social services, apprenticeship and business; further training opportunities in college and university	NH	F,W	2 Semesters		231
General Arts (1 Year Certificate)	GAP	Grade 12 English (ENG 4C or ENG 4U) Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	other college programs	KG, NH, SY	F,W	2 Semesters (8 Months)		232
General Arts - English for Academic Purposes	GEA	Grade 12 English (ENG 4C or ENG 4U) Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	other college programs	NH	F	2 Semesters (8 Months)		233
Pre-Business	PBS	Grade 12 English (ENG 4C or ENG 4U) Grade 12 Mathematics (C) or (U)** Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	entry-level position in business	NH	F,W,S	2 Semesters (8 Months)		122
Pre-Health Science	PHS	Grade 12 English (ENG 4C or ENG 4U) Grade 12 Mathematics (C) or (U) Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	preparing for further education in the health science field	KG	F,W	2 Semesters (1 Year)		167
<b>RECREATION &amp; WELLNESS</b>								
Bachelor of Therapeutic Recreation Degree (Co-op)	DTR	6 Grade 12 (U) or (M) courses (minimum 65% average) including: Grade 12 English (ENG 4U) Grade 12 (U) Mathematics (any Grade 12 (U) Mathematics)	recreation therapist in health clinics, hospital settings, rehabilitation centres, mental health settings, homes for the aged, community centres, family service centres, correctional facilities	KG	F	8 Semesters (4 Years)	5	237
Cosmetic Techniques and Management	CTM	Grade 12 English (ENG 4C or ENG 4U) Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	cosmetician; beauty advisor; freelance make-up artist; freelance demonstrator; account executive	NH	F,W	4 Semesters (2 Years)		94
Esthetician	EST	Grade 12 English (ENG 4C or ENG 4U) Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	esthetician; product representative; trainer; spa operator and entrepreneur	NH	F,W	4 Semesters (2 Years)		95
Esthetics and Spa Therapies	EAS	Grade 12 English (ENG 4C or ENG 4U) Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	esthetician; medical esthetician; skin care therapist; business entrepreneur; trainer	NH	F	6 Semesters (3 Years)		96
Recreation and Leisure Services (Co-op)	RLSC	Grade 12 English (ENG 4C or ENG 4U) Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	recreation programmer/leader; skill instructor; outdoor facilities operator; outdoor educator	KG	F	4 Semesters (2 Years)		236

For diploma programs, incoming first-semester students will have an assessment of their English and Mathematics skills if either of these subjects is required for admission. Based on the assessment, students will be timetabled into first-semester English and Mathematics courses appropriate to their skill level.

\*\* May also consider students with Grade 11 (U) or (M) Mathematics.

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Program Name	Code	Admission Requirements	Career Areas	Campus	Start	Duration	Notes	Page
<b>SCIENCE &amp; ENGINEERING TECHNOLOGY</b>								
Applied Electronics Design (Optional Co-op) (Graduate Certificate)	AED	A three-year diploma in Electronics or Computer Engineering Technology; <b>or</b> a recognized degree in Engineering from an accredited institution.  Working knowledge of current digital design practices using VHDL and PLD, analog design principles, programming in the 'C' language, Windows environment, word processors and web browsers.  English proficiency at the college level.	product development and support in microelectronics and wireless communications	NH	F	2 Semesters (8 Months)	1,5	182
Applied Science and Technology Fundamentals	AST	Grade 12 English (ENG 4C or ENG 4U) Grade 12 Mathematics (C) or (U)**  Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	preparation for further study	NH, SY	F,W,S	2 Semesters (8 Months)		241
Bioinformatics (Optional Co-op) (Graduate Certificate)	BIF#	A three-year diploma; <b>or</b> a recognized degree from an accredited institution in Biotechnology, Biology or a closely related field.  Working knowledge of a Windows environment, word processors and web browsers.  English proficiency at the college level.	bioinformatics technician; bioinformatics scientist	SY	F	2 Semesters (8 Months)	1,5	242
Biotechnologist - Advanced (Optional Co-op) (formerly Biotechnology Technologist (Research))	BTA	Grade 12 English (ENG 4C or ENG 4U) Grade 12 Mathematics (MCT 4C)* (recommended grade 60% or over) Grade 11 (C) or (U) Biology (SBI 3C or SBI 3U) Grade 12 Chemistry (SCH 4C)  Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	laboratory technologist in molecular genetics; biochemistry; research assistant or technologist; cell culture	SY	F,W	6 Semesters (3 Years)		243
Building Systems Engineering Technician (Optional Co-op)	BTS	Grade 12 English (ENG 4C or ENG 4U) Grade 12 Mathematics (MCT 4C)* (recommended grade 60% or over)  Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	building systems engineering technician; energy system operations practitioner; energy systems operator	NH	F,W	4 Semesters (2 Years)		245
Chemical Engineering Technology (Optional Co-op)	CHY	Grade 12 English (ENG 4C or ENG 4U) Grade 11 (C) or (U) Biology (SBI 3C or SBI 3U) Grade 12 (C) Chemistry (SCH 4C) Grade 12 Mathematics (MCT 4C)* (recommended grade 60% or over)  Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	analytical chemistry technologist; quality control/quality assurance technologist; occupational health chemistry technologist; environmental chemistry technologist	SY	F,W	6 Semesters (3 Years)		246
Chemical Laboratory Technician	CLT	Grade 12 English (ENG 4C or ENG 4U) Grade 11 (C) or (U) Biology (SBI 3C or SBI 3U) Grade 12 (C) Chemistry (SCH 4C) Grade 12 Mathematics (MCT 4C)* (recommended grade 60% or over)  Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	laboratory technician; quality control technician; analytical chemistry technician	SY	F,W,S	4 Semesters (2 Years)		248

For diploma programs, incoming first-semester students will have an assessment of their English and Mathematics skills if either of these subjects is required for admission. Based on the assessment, students will be timetabled into first-semester English and Mathematics courses appropriate to their skill level.

\* The best preparation for diploma programs in the Faculty of Applied Science and Engineering Technology is MCT 4C (Mathematics for College Technology). Programs in the Faculty of Applied Science and Engineering Technology (FASET) may also accept Grade 12 (U) Mathematics MHF 4U (Advanced Functions) or MCV 4U (Calculus and Vectors). Grades of 80% or higher in MAP 4C, 70% or higher in MCR 3U may be considered, however students will be assessed for appropriate placement. Refer to the detailed admission requirements on the program information pages.

\*\* May also consider students with Grade 11 (U) or (M) Mathematics.



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Program Name	Code	Admission Requirements	Career Areas	Campus	Start	Duration	Notes	Page
<b>SCIENCE &amp; ENGINEERING TECHNOLOGY (continued)</b>								
Chemical Laboratory Technology - Pharmaceutical (Optional Co-op)	CLP	Grade 12 English (ENG 4C or ENG 4U) Grade 11 (C) or (U) Biology (SBI 3C or SBI 3U) Grade 12 (C) Chemistry (SCH 4C) Grade 12 Mathematics (MCT 4C)* (recommended grade 60% or over) Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	pharmaceutical technologist; quality control/quality assurance technologist; production/manufacturing/formulation technologist	SY	F,W	6 Semesters (3 Years)		249
Civil Engineering Technician (Optional Co-op)	CVL	Grade 12 English (ENG 4C or ENG 4U) Grade 12 Mathematics (MCT 4C)* (recommended grade 60% or over) Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	AutoCAD technician; survey technician; material testing/quality control; construction specialist	NH	F,W	4 Semesters (2 Years)		251
Civil Engineering Technology (Optional Co-op)	CVT	Grade 12 English (ENG 4C or ENG 4U) Grade 12 Mathematics (MCT 4C)* (recommended grade 60% or over) Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	designer; supervisor; contractor; inspector for construction; project manager; environmental enhancement and protection	NH	F,W	6 Semesters (3 Years)		252
Electronics Engineering Technician - Broadband Cable	ELCB	Grade 12 English (ENG 4C or ENG 4U) Grade 12 Mathematics (MCT 4C)* (recommended grade 60% or over) Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	home entertainment specialists; CATV technician; telecom technician; technical/sales representative; equipment installer	NH	F,W	4 Semesters (2 Years)		254
Electronics Engineering Technician - Communications	ELCM	Grade 12 English (ENG 4C or ENG 4U) Grade 12 Mathematics (MCT 4C)* (recommended grade 60% or over) Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	cabling technician; specialized electronic designer; equipment installer; technical/sales representative; telecom technician; telephone network technician	NH	F,W	4 Semesters (2 Years)		255
Electronics Engineering Technician - Computers	ELCC	Grade 12 English (ENG 4C or ENG 4U) Grade 12 Mathematics (MCT 4C)* (recommended grade 60% or over) Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	network administrator; network support technician; equipment installer; specialized electronic designer; technical/sales representative	NH	F,W	4 Semesters (2 Years)		257
Electronics Engineering Technology - Communications (Optional Co-op)	ELM	Grade 12 English (ENG 4C or ENG 4U) Grade 12 Mathematics (MCT 4C)* (recommended grade 60% or over) Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	researcher/designer; electronic sales or service representative; electronics consultant; communications specialist; telecom technologist	NH	F,W,S	6 Semesters (3 Years)		259
Electronics Engineering Technology - Control Systems (Optional Co-op)	ELN	Grade 12 English (ENG 4C or ENG 4U) Grade 12 Mathematics (MCT 4C)* (recommended grade 60% or over) Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	researcher/designer; electronic sales or service representative; electronics consultant; automation specialist; automation & robotics technologist	NH	F,W,S	6 Semesters (3 Years)		261
Energy Management - Built Environment (Graduate Certificate)	EMB	A three-year diploma with a minimum of 3 years of documented, related work experience; <b>and/or</b> mature student status (age 19 or older); <b>or</b> a recognized degree from an accredited institution in Engineering Technology or Life Sciences. English proficiency at the college level.	energy management specialists; energy auditors; energy technicians; property managers; environmental assessors; eco advisors	NH	F	2 Semesters (8 Months)	1	263

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# This program has additional requirements or is oversubscribed.

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Program Name	Code	Admission Requirements	Career Areas	Campus	Start	Duration	Notes	Page
<b>SCIENCE &amp; ENGINEERING TECHNOLOGY (continued)</b>								
Environmental Technician (Optional Co-op)	ETM	Grade 12 English (ENG 4C or ENG 4U) Grade 12 Mathematics (MCT 4C)* (recommended grade 60% or over)  Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	environmental assessment investigator; construction monitor	NH	F	4 Semesters (2 Years)		264
Environmental Technician – Sampling and Monitoring	ESM	Grade 12 English (ENG 4C or ENG 4U) Grade 12 Mathematics (MCT 4C)* (recommended grade 60% or over)  Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	environmental technician; environmental specialist; junior environmental scientist; field technician (air/water/soil); environmental coordinator	NH,KG	W	4 Semesters (16 Months Consecutive)		265
Environmental Technology (Optional Co-op)	EMT	Grade 12 English (ENG 4C or ENG 4U) Grade 12 Mathematics (MCT 4C)* (recommended grade 60% or over)  Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	data collector and monitor; computer modeler; watershed planner	NH	F	6 Semesters (3 Years)		266
Firefighter, Pre-Service Education and Training	FFP#	Grade 12 English (ENG 4C or ENG 4U) Grade 12 Mathematics (MCT 4C)*** (recommended grade 60% or over) Grade 11 or 12 Biology (C) or (U) (SBI 3C or SBI 3U) Grade 11 or 12 Chemistry (C) or (U) (SCH 4C or SCH 4U)  Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	firefighting	NH	F,W,S	3 Semesters (1 Year)	5	201
Fire Protection Engineering Technician	FPN	Grade 12 English (ENG 4C or ENG 4U) Grade 12 Mathematics (MCT 4C)*** (recommended grade 60% or over)  Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	firefighter; fire alarm installer	NH	F,W	4 Semesters (2 Years)		267
Fire Protection Engineering Technology (Optional Co-op)	FPT	Grade 12 English (ENG 4C or ENG 4U) Grade 12 Mathematics (MCT 4C)*** (recommended grade 60% or over)  Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	firefighter; alarm/sprinkler designer; fire regulations co-ordinator	NH	F,W	6 Semesters (3 Years)		268
Mechanical Engineering Technician – Tool Design	MATD	Grade 12 English (ENG 4C or ENG 4U) Grade 12 Mathematics (MCT 4C)*** (recommended grade 60% or over)  Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	designer of production tools used to mass-produce plastic or metal parts	JN	F	4 Semesters (2 Years)		270
Mechanical Engineering Technology – Building Sciences (Optional Co-op)	MBT	Grade 12 English (ENG 4C or ENG 4U) Grade 12 Mathematics (MCT 4C)* (recommended grade 60% or over)  Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	building systems technologist; systems asset manager; energy technology manager	NH	F,W	6 Semesters (3 Years)		271
Mechanical Engineering Technology – Industrial Design	MIT	Grade 12 English (ENG 4C or ENG 4U) Grade 12 Mathematics (MCT 4C)*** (recommended grade 60% or over)  Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	design of ergonomics; covers for a wide variety of products	JN	F	6 Semesters (3 Years)		273

For diploma programs, incoming first-semester students will have an assessment of their English and Mathematics skills if either of these subjects is required for admission. Based on the assessment, students will be timetabled into first-semester English and Mathematics courses appropriate to their skill level.

# This program has additional requirements or is oversubscribed.

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\*\*\* May also consider applicants with good grades in MAP 4C or MCR3U.

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Program Name	Code	Admission Requirements	Career Areas	Campus	Start	Duration	Notes	Page
<b>SCIENCE &amp; ENGINEERING TECHNOLOGY (continued)</b>								
Mechanical Techniques (Tool and Die/Mould Making)	MATT	Grade 12 English (ENG 4C or ENG 4U) Grade 12 Mathematics (MCT 4C)*** (recommended grade 60% or over)  Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	general machinist; tool and die maker; mould maker	JN	F	2 Semesters (8 Months)		274
Mechanical Techniques - CNC Programming	MATP	Grade 12 English (ENG 4C or ENG 4U) Grade 12 Mathematics (MCT 4C)*** (recommended grade 60% or over)  Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	computer numerical control (CNC) programmer or operator in precision manufacturing	JN	F	2 Semesters (8 Months)		275
Pharmaceutical Regulatory Affairs and Quality Operations (Co-op) (Graduate Certificate)	RAQC#	A recognized degree from an accredited institution in science with a focus on chemistry, biology or pharmaceutical studies.  English proficiency at the college/ university level.	regulatory affairs associate; quality assurance associate; documentation administrator	SY	F,W,S	2 Semesters (1 Year)	1,5	276
Project Management - Environmental (Graduate Certificate)	PME	A three-year advanced diploma in Environmental Technology or Engineering Technology from a recognized college/university or equivalent and a minimum of 3 years documented, related work experience including references; <b>and/or</b> Mature Student Status (age 19 or older); <b>or</b> a recognized degree from an accredited institution in Environmental Studies, Planning, General Science, Environmental Science, Earth Sciences, Life Sciences.  English proficiency at the college/ university level.  Computer literacy, superior communication skills.	team lead or project manager for environmental site remediation projects; field investigations; policy creation; policy analysis	NH	F	2 Semesters (8 Months)	1,5	277
Underwater Skills	UWS#	Grade 12 English (ENG 4C or ENG 4U) Grade 12 Mathematics (C) or (U)**  Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	commercial diver; underwater welder; underwater construction; inspection and repair diver	KG	F	35 Weeks	5	278
Urban Land Regeneration (Graduate Certificate)	ULR	A three-year advanced diploma with a minimum of 3 years documented work experience in a related field including references from relevant work; <b>or</b> a recognized degree from an accredited institution in the fields of applied science, engineering or engineering technology.  English proficiency at the college/ university level.	contaminated site researcher; site assessor; risk management specialist; site restoration project officer	NH	F	2 Semesters	1,5	279
<b>PATHWAYS</b>								
Bachelor of Interdisciplinary Studies Degree (Co-op)	INS	6 Grade 12 (U) or (M) courses (minimum 65% average) including: Grade 12 English (ENG 4U) Grade 12 (U) Mathematics (any Grade 12 (U) Mathematics)	community-based not-for-profit organizations; education; government; financial services; conservation authorities; police forces; military; retail/ merchandising	NH	F,W	8 Semesters (4 Years)	5	286
Liberal Arts	LAT	Grade 12 English (ENG 4C or ENG 4U)  Or appropriate Academic and Career Entrance (ACE) Certificate program credits (see Academic Upgrading)	further academic studies - university or college	NH,SY	F,W	4 Semesters (2 Years)	2,9	283

For diploma programs, incoming first-semester students will have an assessment of their English and Mathematics skills if either of these subjects is required for admission. Based on the assessment, students will be timetabled into first-semester English and Mathematics courses appropriate to their skill level.

# This program has additional requirements or is oversubscribed.

\*\* May also consider students with Grade 11 (U) or (M) Mathematics.

\*\*\* May also consider applicants with good grades in MAP 4C or MCR3U.

## NOTES

1. These programs require a degree/college diploma or equivalent work experience. Secondary School students are not eligible for these programs.
2. Articulated with York University degree program.
3. These programs start frequently throughout the year. Contact program advisors directly for registration information.
4. Non-Ministry funded. Contact the Registration Office for a current fee schedule.
5. Higher tuition rates apply to these programs.
6. Students must complete 2 or 3 years of study at York University to be eligible to apply.
7. Students completing year one and year two at Markham Campus can continue at Newnham Campus for year three or can transfer to the Business Administration - Marketing program at Markham Campus.
8. Direct entry into year two of study. Applicants to fast-track programs must submit official transcripts demonstrating proof of successful study at the post-secondary level. This may be completion or partial completion of a credential in a related field. Applicants with partial completion and relevant work experience may also be considered.
9. Selected students who meet specific academic requirements may be allowed to attend the St. George Campus through Woodsworth College. Students will be enrolled at the Newnham campus and will take a University of Toronto course in between their first and second years while at Seneca. Successful students may be allowed to take a second U of T course while enrolled in their second LAT year at Seneca.

**International applicants must submit a complete transcript, a secondary school leaving certificate/diploma and proof of English language proficiency (if applicable). For more information, contact [seneca.international@senecacollege.ca](mailto:seneca.international@senecacollege.ca)**