

POST-SECONDARY PROGRAMS



Accounting Clerk – Microcomputer

Program Code: 2906

Program Length: 1 year/2 semesters

Credential: Ontario College Certificate

Start: Fall, Winter, Summer

Campus: Progress

business@centennialcollege.ca

416-289-5000, ext. 2280

Program Overview

The Accounting Clerk – Microcomputer program helps you to meet the high standards the industry demands.

You will learn to process and store payroll, accounts receivable and accounts payable information. The latest accounting software, including Simply Accounting for Windows and the GL, A/R and A/P modules for ACCPAC for Windows is also taught. Upon graduating, you will be able to transfer, with credit, into Centennial's two- or three-year accounting programs to earn an Accounting diploma or advanced diploma.

The School of Business is committed to student success – we offer flexibility in curriculum design. Most members of the Accounting faculties are professional accountants with solid industry experience.

BENEFITS

PROGRAM HIGHLIGHTS

- The School offers a leading edge information technology infrastructure
- Many classes are taught in a lab environment that is fully equipped with an integrated network of computer systems
- Courses are qualified for exemptions with the Canadian Institute of Bookkeeping (CIB)
- The eight-month program offers short, intensive training
- You will gain effective business communication skills
- An overview of other business functions in an organization is provided
- Knowledgeable and approachable faculty members have extensive business experience
- Transferring into another accounting program is easy

At A Glance

Graduates are prepared to work as:

- Accounting Clerks
- Administrative Assistants
- Bookkeepers
- Accounts Receivable/Payable Clerks

ADMISSION REQUIREMENTS

ELIGIBILITY

- Ontario Secondary School Diploma (OSSD) or equivalent, or mature student status (19 years or older)

ACADEMIC REQUIREMENTS

- English Grade 12 C or U or equivalent, or skills assessment.
- Math Grade 11 C, M or U, or Grade 12 C or U or equivalent or skills assessment

PROGRAM OUTLINE

Semester 1

ACCT-112	Financial Accounting 1
BUSN-129	Business Operations
COMP-106	Microcomputer Applications Software 1
HRMT-318	Payroll
ACCT-226	Taxation 1

Semester 2

ACCT-228	Accounting Microcomputer Applications 1
ACCT-221	Financial Accounting 2
ACCT-222	Management Accounting 1
COMP-126	Microcomputer Applications Software 2
ACCT-150	Small Business Software

Advertising and Marketing Communications Management

Program Code: 6404
Program Length: 3 years/6 semesters
Credential: Ontario College
Advanced Diploma
Start: Fall
Campus: The Centre for
Creative Communications
416-289-5000, ext. 5100
thecentre@centennialcollege.ca

Program Overview

Advertising is a unique field where you'll tap into your creative talent, strategic thinking and business savvy to generate new and exciting ideas.

This three-year Advertising program will prepare you with the critical skills you'll need to enter this dynamic field, as you learn how to tell your clients' stories with persuasive advertising in addition to planning and developing campaigns on mobile platforms.

In this program:

- You'll develop your instincts and strategic abilities while meeting deadlines in a professional and creative environment
- You'll be led by a team of seasoned advertising instructors who possess vast experience in the industry
- You'll complete the program with an industry field placement, acquiring experience in the day-to-day activities of the advertising world

TESTIMONIAL

"Centennial College's Advertising program has given me the insight and hands-on knowledge a student of advertising needs to be successful in the first years of starting out. Each professor has had personal experience and can help students relate to what is currently happening in the industry. This program also offers a great co-op/ internship program that is extremely beneficial to all students, it has helped me get where I am today."

Anthony Luciano, Account Executive, Y&R Brands and 2010 Graduate

BENEFITS

PROGRAM HIGHLIGHTS

- You'll learn the entire advertising process, including: research, developing strategies, campaign planning, copywriting, production, media planning and buying
- You'll gain insight into the main areas of agency operation: copywriting, media and account management
- Firm deadlines, multitasking, working under pressure and delivering professional presentations are part of the program
- Semester 5 features specialization streams that provide an advanced concentration in copywriting, media planning and buying or account service.
- Recognized by the Interactive Advertising Bureau as offering the most breadth of interactive/mobile curriculum.

CAREER OUTLOOK

Companies that have hired program graduates include:

- Agency 58 ninety
- Anderson DDB
- BBDO
- Boom Marketing
- Cossette
- DAC
- Doner
- Draftfcb Toronto
- Grey Canada
- JWT
- Leo Burnett
- MacLaren McCann
- Media Edge
- Mindshare
- MPG
- Saatchi and Saatchi
- Starcom
- TBWA
- Y & R

At A Glance

Graduates start new careers in advertising fields such as:

- Account Management
- Media buying and planning
- Marketing
- Interactive/Mobile
- Copywriting
- Production
- Direct Marketing
- Promotions
- Event Marketing

ADMISSION REQUIREMENTS

ELIGIBILITY

Ontario Secondary School Diploma (OSSD) or equivalent, or mature student status (19 years of age or older)

ACADEMIC REQUIREMENTS

- English Grade 12 C or U (minimum grade required) or equivalent, or skills assessment.

ADDITIONAL REQUIREMENTS

- Attending a program admission session is highly recommended

PROGRAM OUTLINE

Semester 1

CA-104	Advertising Campaign Presentation
COMM-170/171	College Communications 2
GNE-106	Consumer Psychology
CA-105	Foundations in Marketing*
CA-101	Introduction to Agency Advertising*
CO-108	Tools and Processes for Communicators

Semester 2

CA-210	Account Management*
CA-103	Advertising Research*
COMM-180	College Communications 3
CA-200	Copywriting 1*
CO-106	Imaging
CA-106	Integrated Marketing*

Semester 3

CA-209	Advertising Design & Production*
CA-201	Advertising Media Selection*
CA-206	Advertising Planning*
CA-300	Copywriting II*
GNE-500	Global Citizenship: From Social Analysis to Social Action

Semester 4

CA-319	Advertising Business Writing
CA-305	Campaign Planning*
GNE-1	General Education Elective
CA-211	Interactive Media & Print Production*
CA-208	Radio & Television Advertising*

Semester 5

All Streams

CA-321	Advertising Issues*
CA-322	Professional Practice*

Account Service Stream – Section 001

CA-317	Administration and Finance*
CA-318	Special Project*
CA-320	Advertising Campaign Management*
CA-323	Strategic Planning*

Media Stream – Section 002

AMED-405	Broadcast Buying and Measurement*
AMED-401	Interactive Communications 1*
CA-317	Administration & Finance*
CA-318	Special Project*
CA-320	Advertising Campaign Management*

Copywriting Stream (Creative) – Section 003

CA-311	Copywriting III*
CA-318	Special Project*
CA-324	Digital and Social Media
CA-325	Portfolio Design*

Semester 6

CA-350	Field Placement*
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*Minimum C grade required to pass

Architectural Technician

Program Code: 3101

Program Length: 2 years/4 semesters

Credential: Ontario College Diploma

Start: Fall, Winter

Campus: Morningside

archtech@centennialcollege.ca

416-289-5000, ext. 8123

Program Overview

The Architectural Technician program prepares you for a career in the construction industry, working with architects, engineers, builders, contractors and municipal building departments. Using state-of-the-art computer technology, you will prepare designs, construction drawings and specifications needed to communicate with clients, construction professionals and approval authorities.

Student activities include preparing drawings for residential, industrial, commercial and institutional building types. You will also be introduced to building materials, construction methods, structural design, mechanical and electrical services, building codes, contracts, specifications and the business environment for providing design and construction services. Centennial's Architectural Technician program places a strong emphasis on protecting the environment, energy conservation, and sustainable design and construction strategies.

BENEFITS

PROGRAM HIGHLIGHTS

- Graduates are eligible to join the Association of Architectural Technologists of Ontario (AATO) and the Ontario Association for Applied Architectural Sciences (OAAAS)
- Transfer credits/advanced standing may be awarded for previous science or engineering education

EDUCATIONAL PARTNERS

Graduates of this program may qualify for advanced educational programs leading to professional careers through the Royal Architectural Institute of Canada Syllabus.

CAREER OUTLOOK

Graduates are prepared to work with:

- Architects
- Architectural technology firms
- Engineers
- Builders
- Contractors
- Developers
- Construction material manufacturers and suppliers
- Municipal building departments

CERTIFICATION AND ACCREDITATION

Graduates may apply for the following:

- Become a member of the Association of Architectural Technologists of Ontario (AATO)
- Obtain a Building Code Identification Number (BCIN)
- Obtain LEED status through membership with the Canada Green Building Council (CaGBC)

CTAB NATIONALLY ACCREDITED PROGRAM

The Architectural Technician program has met the national technology accreditation requirements established by the Canadian Council of Technicians and Technologists (CCTT) and, as such, has received national accreditation status by the Canadian Technology Accreditation Board (CTAB).

RECOGNITION AS A CERTIFIED ENGINEERING TECHNICIAN/TECHNOLOGIST



The Ontario Association of Certified Engineering Technicians and Technologists recognizes the Architectural Technician program as meeting all the academic requirements for certification in the Technician Category.

ADMISSION REQUIREMENTS

ELIGIBILITY

- Ontario Secondary School Diploma (OSSD) or equivalent, or mature student status (19 years or older)

ACADEMIC REQUIREMENTS

- English Grade 12 C or U or equivalent, or skills assessment.
- Math Grade 11 M or U or Grade 12 C or U, or equivalent, or skills assessment

PROGRAM OUTLINE

Semester 1

COMM-170/171 College Communications 2*
ARCH-101 Design and Computer Aided Drafting Project 1

ENVR-101 Environment 1
GNED General Education Elective
MATM-101 Materials and Methods 1
MATH-111 Mathematics for Architecture 1*
MATH-154 Microcomputer Applications for Technology A

Semester 2

ARAP-124 Applied Physics
ARCH-121 Design and Computer Aided Drafting Project 2

ENVR-123 Environment 2
GNED-500 Global Citizenship: From Social Analysis to Social Action
MATM-122 Materials and Methods 2
MATH-112 Mathematics for Architecture 2

Semester 3

ARBC-205 Builders and Contractors
ACHS-204 Construction Health & Safety
ARCH-201 Design and Computer Aided Drafting Project 3

ENVR-203 Environment 3
GNED-158 History of Western Architecture
MATM-202 Materials and Methods 3

Semester 4

ARGR-224 Architectural Graphics
ARBS-222 Building Services 1
ARCH-221 Design and Computer Aided Drafting Project 4

ENVR-223 Environment 4
ARST-305 Structures

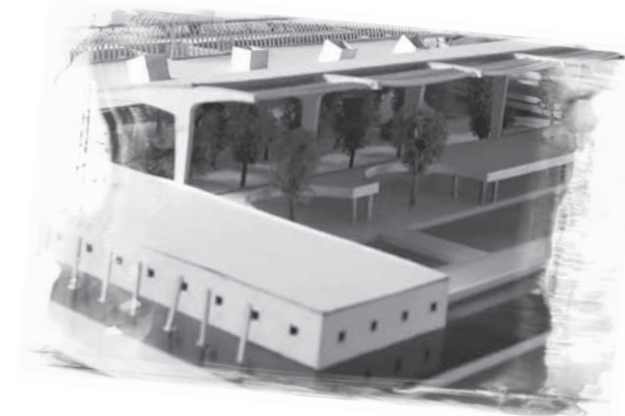
* MATH-111 & COMM-170/171 must be successfully completed before the start of semester 3.

Note: Students will be placed in the appropriate English level based on skills assessment results.

At A Glance

Companies hiring graduates include:

- Cassidy & Company
- Architectural Technologists
- Hunt Design Associates Inc.
- SNC Lavalin Nexacor
- Viljoen Architect Inc.



Architectural Technology

Program Code: 3105

3115 (co-op)

Program Length: 3 years/6 semesters (3105)

3 years/9 semesters (3115)

Credential: Ontario College

Advanced Diploma

Start: Fall, Winter

Campus: Morningside

archtech@centennialcollege.ca

416-289-5000, ext. 8123

Program Overview

The Architectural Technology program will prepare you for a career in the construction industry, working with architects, engineers, builders, contractors and municipal building departments. Using state-of-the-art computer technology, you will prepare designs, construction drawings and specifications needed to communicate with clients, construction professionals and approval authorities. Student activities include preparing drawings for residential, industrial, commercial and institutional building types, as well as complex buildings and multi-use buildings. You will also be introduced to building materials, construction methods, structural design, mechanical and electrical services, building codes, contracts, specifications and the business environment for providing design and construction services. Centennial's Architectural Technology program places a strong emphasis on protecting the environment, energy conservation and sustainable design and construction strategies.

Academically qualified students can enhance their education by working as paid employees in the architectural technology field, for a total of up to 12 months. This experience puts classroom learning into practice and provides valuable career contacts. Students who successfully complete the first two years of the three-year Architectural Technology program may apply to graduate from the two-year Architectural Technician program.

RECOGNITION AS A CERTIFIED ENGINEERING TECHNICIAN/TECHNOLOGIST



The Ontario Association of Certified Engineering Technicians and Technologists (OACETT) recognizes the Architectural Technology program as meeting all the academic requirements for certification in the Technologist Category. This certification may lead to membership with the Ontario Association for Applied Architectural Sciences (OAAAS), which is a stepping stone to membership with the Ontario Association of Architects (OAA) as a Licensed Technologist OAA.

BENEFITS

PROGRAM HIGHLIGHTS

Graduates are eligible to join the Association of Architectural Technologists of Ontario (AATO) and the Ontario Association for Applied Architectural Sciences (OAAAS)

EDUCATIONAL PARTNERS

Graduates of this program may qualify for advanced standing in educational programs leading to professional careers, through the Royal Architectural Institute of Canada Syllabus.

CAREER OUTLOOK

Program graduates are prepared to work with

- Architects
- Architectural technology firms
- Engineers
- Builders
- Contractors
- Developers
- Construction material manufacturers & suppliers
- Municipal building departments.

CERTIFICATION AND ACCREDITATION

- Graduates may apply for the following:
- To become a member of the Association of Architectural Technologists of Ontario (AATO)
- To obtain a Building Code Identification Number (BCIN)
- To obtain LEED status through membership with the Canada Green Building Council (CaGBC)

CTAB NATIONALLY ACCREDITED PROGRAM

The Architectural Technology program has met the national technology accreditation requirements established by the Canadian Council of Technicians and Technologists (CCTT) and, as such, has received national accreditation status by the Canadian Technology Accreditation Board (CTAB).

ADMISSION REQUIREMENTS

ELIGIBILITY

- Ontario Secondary School Diploma (OSSD) or equivalent, or mature student status (19 years or older)

ACADEMIC REQUIREMENTS

- English Grade 12 C or U or equivalent, or skills assessment.
- Math Grade 11 M or U or Grade 12 C or U, or equivalent, or skills assessment

CO-OP REQUIREMENTS

- Minimum C grade in COMM-170, minimum 2.5 GPA, and successfully complete minimum 80 per cent of first year courses required for COOP-221 and subsequent co-op work placements
- Departmental academic standards for co-op eligibility also apply

SEMESTER REQUIREMENTS

- Minimum 2.0 GPA required for entry into semester 5
- Students who have completed all courses in semesters 3 and 4 will have met all the prerequisites requirements for courses in semester 5 and 6

PROGRAM OUTLINE

Semester 1 COMM-170/171 ARCH-101	College Communications 2** Design and Computer Aided Drafting Project 1*
ENVR-101 GNED	Environment 1*
MATM-101 MATH-111 MATH-154	General Education Elective Materials and Methods 1* Mathematics for Architecture 1** Microcomputer Applications for Technology A*
Semester 2 ARAP-124 ARCH-121	Applied Physics* Design and Computer Aided Drafting Project 2*
ENVR-123 GNED-500	Environment 2* Global Citizenship: From Social Analysis to Social Action
MATM-122 MATH-112	Materials and Methods 2* Mathematics for Architecture 2*
Semester 3 ARBC-205 ACHS-204 ARCH-201	Builders and Contractors* Construction Health & Safety* Design and Computer Aided Drafting Project 3*
COOP-221 ENVR-203 GNED-158 MATM-202	Employment Preplacement (3115) Environment 3* History of Western Architecture* Materials and Methods 3*
COOP-222	Co-op Work Term 1 (3115)
Semester 4 ARGR-224 ARBS-222 ARCH-221	Architectural Graphics* Building Services 1* Design and Computer Aided Drafting Project 4*
ENVR-223 ARST-305	Environment 4* Structures*
COOP-331	Co-op Work Term 2 (3115)
Semester 5 ARPT-304 ARST-306 ARBS-302 ARCH-301 ENVR-303 ARPM-225 ARBW-307	Advanced Presentation Techniques Advanced Structures Building Services 2 Design and CAD Complex Project Environment 5 Project Management Technical Writing
COOP-332	Co-op Work Term 3 (3115)
Semester 6 ARPE-326	Building Code Sustainable Qualification Preparation
ARBL-324 ARCL-322	Building Within the Municipality Contracts, Law and Professional Practice & Ethics
ARCH-321 ENVR-323 ARSW-325	Design and CAD Multi-Use Project Environment 6 Specification Writing & Contracts

* Minimum C-grade required for Technologist.

** MATH-111 & COMM-170/171 must be successfully completed before the start of semester 3.

Art and Design Foundation Studies

Program Code: 6409

Program Length: 1 year/2 semesters

Credential: Ontario College Certificate

Start: Fall, Winter

Campus: The Centre for

Creative Communications

thecentre@centennialcollege.ca

416-289-5000, ext. 5100

Program Overview

Art and Design Foundation Studies is an accelerated visual art fundamentals program that will allow you to nurture your artistic talents and build new creative and practical skills. Established in 1974, this program is a unique blend of traditional and digital art that will prepare you with the critical basics for a career in art and design, animation and game design.

In this program you will:

- Build your portfolio and be prepared for more specialized programs in Digital Animation, Interactive Digital Media, Fine Arts Studio, Game Design or Graphic Design Media
- Study a wide range of courses from traditional approaches in drawing, life drawing and three-dimensional design, to introductory courses in imaging, animation and design
- Develop a familiarity with digital media complemented with a practical understanding of drawing, colour theory and 3D art and design
- Develop your creative and practical skills in the studio

BENEFITS

PROGRAM HIGHLIGHTS

- Industry leaders have crafted the program and employers tell Centennial what skills are needed in the evolving workplace, which ensures that your education is current, practical and always hands-on
- You'll create a comprehensive portfolio of artwork required for admission to specialized arts programs
- The program is broadly-based and includes traditional and digital media
- A dynamic working relationship between faculty and students is encouraged
- The renowned Centre for Creative Communications campus is located in Canada's cultural and artistic centre and offers extensive facilities
- An increasing number of agreements with other colleges provide Centennial graduates with greater access to specialized programs
- Certificate that is earned reflects high standards of learning

TESTIMONIALS

"Enrolling in the Arts and Design Foundations program at Centennial College was the best gift I could have given myself. I had worked as a professional photographer for many years and wanted to expand my art experiences and theory. This program gave me hands-on exposure to all forms and levels of visual art and there was step-by-step encouragement and support from the staff and faculty throughout. The guidance in creating an exciting new portfolio and career path were invaluable skills. The knowledge I've taken away with me has opened up new possibilities in my job choices."

Carol Rooney, ADFS 2008-09

ADMISSION REQUIREMENTS

ELIGIBILITY

Ontario Secondary School Diploma (OSSD) or equivalent, or mature applicant status (19 years or older)

ACADEMIC REQUIREMENTS

- English Grade 12 C or U (minimum grade required) or equivalent, or skills assessment.

PROGRAM OUTLINE

Semester 1

COMM-160/161	College Communications 1
VISU-111	Colour Studio
VISU-109	Digital Imaging*
VISU-114	Drawing 1*
VISU-118	Portfolio Development*
VISU-127	Visual Culture*
VISU-116	Visual Design Fundamentals*

Semester 2

VISU-121	3D Art and Design Studio*
COMM-170/171	College Communications 2
VISU-115	Digital Art & Design Studio*
VISU-124	Drawing 2*
GNE0	General Education Elective
VISU-126	Professional Practice*
VISU-117	Time-based Art & Design*

**minimum C grade required to pass*

Note: Students will be placed in the appropriate English level based on skills assessment results.

At A Glance

Qualified graduates may be eligible to participate in an articulated program with selected universities, institutes and professional associations. These partnerships allow graduates to apply academic credit towards further study.

Our partner is:

- Athabasca University (AB), Professional Arts degree (Communication Studies)

Auto Body Repair Techniques

Program Code: 8405

Program Length: 36 weeks/3 semesters

Credential: Ontario College Certificate

Start: Fall

Campus: Ashtonbee

sot@centennialcollege.ca

416-289-5000, ext. 7298

Program Overview

Open the door to a career in the automotive industry – even if you have no previous auto body experience. The goal of this program is to lead you to that all-important first job by giving you the practical skills to ensure you are current and have a competitive edge in the auto body repair field. Auto Body Repair Techniques provides an alternate route towards obtaining hard-to-get apprenticeship positions with courses approved by the Ministry of Training, Colleges and Universities. The curriculum has been modelled on the apprenticeship in-school program and has been structured to allocate about 40 per cent of your schedule to hands-on practice time. You'll learn how to repair automobile bodies and prepare them for painting. You will also gain practice in welding using MIG and oxy-acetylene equipment; auto body and frame repair; refinishing procedures and related mechanical systems.

BENEFITS

PROGRAM HIGHLIGHTS

- You will gain a certificate that is highly recognized by the auto industry and the knowledge and skills to make you more employable
- Faculty that is committed to student success and helps to maximize graduates' skills
- The program is industry-driven through an active Program Advisory Committee providing insights on current industry developments and practices
- You will learn in a state-of-the-art auto body repair lab
- Graduates may have an opportunity to apply for credit toward their apprenticeship requirements

ACCREDITATION

Our commitment to the pursuit of excellence in the delivery of education and training has led to the assessment of the program by the Canadian Automotive Repair and Service Council (CARS). The CARS National Accreditation Board unanimously endorsed the program's full compliance with the national industry standards on February 1, 2001 and the program has been re-accredited until April 30, 2014.

ADMISSION REQUIREMENTS

ELIGIBILITY

- Ontario Secondary School Diploma (OSSD) or equivalent, or mature student status (19 years or older)

ACADEMIC REQUIREMENTS

- English Grade 12 C or U or equivalent, or skills assessment

PROGRAM OUTLINE

Semester 1

BODY-101	Applied Work Practices/Procedures 1
BODY-102	Body and Frame Repair 1
BODY-103	Refinishing 1
BODY-104	Electrical, Batteries, Cooling and Tires
GNE-126	Occupational Health & Safety
MATH-132	Trade Related Mathematics

Semester 2

BODY-201	Applied Work Practices/Procedures 2
BODY-202	Body and Frame Repair 2
BODY-203	Refinishing 2
BODY-204	Applied Mechanical Systems 2
NE-205	Trade Related Communications

Semester 3

BODY-301	Applied Work Practices/Procedures 3
BODY-302	Body and Frame Repair 3
BODY-303	Refinishing 3
BODY-304	Applied Mechanical Systems 3
NE-305	Computers for Autobody Technicians

At A Glance

Program graduates are prepared to work as:

- Auto body apprentices
- Apprentice painters
- Service advisors
- Appraisal trainees
- Parts technicians



(Automotive) Motive Power Technician

Program Code: 8201 (Administration)
8202 (Technical)

Program Length: 2 years/4 semesters

Credential: Ontario College Diploma

Start: Fall

Campus: Ashtonbee

sot@centennialcollege.ca

Program Overview

This program prepares students to work in the automotive industry with an emphasis on motor vehicle technology. Theory and practical training equips the student for challenging positions in a variety of careers.

The first semester is common to both the administration and technical streams, which allows the student time to choose which is right for them. Moving into second semester, the administration stream covers accounting, marketing and statistics, as they relate to the automotive industry; while the technical stream focuses on applied mechanics, vehicle dynamics, etc providing a good understanding of component design.

As part of the curriculum, the student will train on automobile assemblies in fully-equipped automotive shops. Both streams provide the same vehicle technology and in-school content as the Automotive Service Technician (AST) apprenticeship qualification. This program prepares the student to enter the industry and be successful on exemption testing for licensing qualification.

BENEFITS

PROGRAM HIGHLIGHTS

During classroom and shop activities, students gain both theoretical and practical knowledge as well as hands-on skills and experience through the demonstration and application of standard industry techniques and processes that are included/imbedded in the program curriculum. Highlights include:

- The Administration stream is suitable for those with a professional interest in the business component of the automotive industry
- The Technical stream is ideal for those with strengths in mathematics and physics
- Combination of theory and shop experience
- Facilities are in one of Ontario's largest transportation training centres, Ashtonbee campus
- Program is accredited by the Canadian Automotive Repair and Service (CARS) National Accreditation Board
- Offers equal opportunity to begin an apprenticeship upon graduation

ADMISSION REQUIREMENTS

ELIGIBILITY

- Ontario Secondary School Diploma (OSSD) or equivalent, or mature student status (19 years or older)

ACADEMIC REQUIREMENTS

- English Grade 12 C or U or equivalent, or skills assessment
- Math Grade 11M or U or Grade 12C, M or U or equivalent, or skills assessment

NOTES

1. All students are required to complete the English and math testing assessments
2. Students will be placed in the appropriate English level based on skills assessment results
3. Students may receive an exemption for math based on outcome of required testing results

PROGRAM OUTLINE

Semester 1	(Common semester)+
ATEC-107	Applied Mechanics
AUTO-101	Engines 1
AUTO-102	Electrical Diagnosis 1
AUTO-103	Alignment 1
AUTO-104	Transmissions 1
AUTO-105	Fuels 1
AUTO-109	Vehicle Technology 1
COMM-160/161	College Communications 1
GNE-126	Occupational Health & Safety+
MATH-130	Mathematics
Semester 2	(Administration stream)+ (2801)
ATEC-116	Transportation Administration 1**
AUTO-111	Engines 2
AUTO-112	Electrical Diagnosis 2
AUTO-113	Alignment 2
AUTO-114	Transmissions 2
AUTO-115	Fuels 2
AUTO-119	Vehicle Technology 2*
COMM-170/171	College Communications 2
MKTG-123	Marketing for Auto Technicians
Semester 2	(Technical stream)+ (2802)
COMM-170/171	College Communications 2*
ATEC-116	Transportation Administration 1*
ATEC-117	Applied Vehicle Dynamics
AUTO-111	Engines 2
AUTO-112	Electrical Diagnosis 2
AUTO-113	Alignment 2
AUTO-114	Transmissions 2
AUTO-115	Fuels 2
AUTO-119	Vehicle Technology 2*
MATH-131	Mathematics

Semester 3

ACCT-122 Accounting for Auto Technicians
AUTO-201 Engines 3
AUTO-202 Electrical Diagnosis 3
AUTO-203 Alignment 3
AUTO-204 Transmission 3
AUTO-205 Fuels 3
AUTO-207 Air Conditioning
AUTO-209 Vehicle Technology 3
GNE- General Education Elective
GNE-500 Global Citizenship: From Social Analysis to Social Action
Elementary Statistics

Semester 3

Atec-209 Applied Mechanics 2
AUTO-201 Engines 3
AUTO-202 Electrical Diagnosis 3
AUTO-203 Alignment 3
AUTO-204 Transmission 3
AUTO-205 Fuels 3
AUTO-207 Air Conditioning
AUTO-209 Vehicle Technology 3
GNE- General Education Elective
GNE-500 Global Citizenship: From Social Analysis to Social Action

Semester 4

Atec-208 Technical Drawings
ATEC-216 Transportation Administration 2*
AUTO-211 Engines 4
AUTO-212 Electrical Diagnosis 4
AUTO-213 Alignment 4
AUTO-214 Transmission 4
AUTO-215 Fuels 4
AUTO-217 Air Conditioning
AUTO-219 Vehicle Technology*
ENGL-219 Communications for Professionals in the Automotive Industry

Semester 4

Atec-208 Technical Drawings
ATEC-219 Properties of Materials
AUTO-211 Engines 4
AUTO-212 Electrical Diagnosis 4
AUTO-213 Alignment 4
AUTO-214 Transmission 4
AUTO-215 Fuels 4
AUTO-217 Air Conditioning
AUTO-219 Vehicle Technology 4*
ENGL-219 Communications for Professionals in the Automotive Industry

*Minimum grade C required.

+ Course presentation format/structure may be subject to change.

At A Glance

Enrolment in the (Automotive) Motive Power Technician program will provide students with a basic level of knowledge and skills to pursue a career in various roles and sectors of the automotive industry, including:

- Automotive apprentices
- Service advisors
- Lead hands
- Repair technicians
- Automotive service and parts management/ departments
- Automotive import/export

Automotive Service Technician Co-op Apprenticeship (Partnered with Chrysler Canada Inc.)

Program Code: 8206
Program Length: 2 years/6 semesters
Credential: Ontario College Diploma
Start: Summer, Winter
Campus: Ashtonbee
sot@centennialcollege.ca
416-289-5000, ext. 7298

Program Overview

The Automotive Services Technician program, of which Chrysler Canada Inc. is a valuable partner, will prepare you for an exciting future as a skilled professional in the transportation field, one of Canada's largest industries.

This in-school training is an essential part of the apprenticeship. Successful students will earn an Ontario College diploma, will have eight months of practical, on-the-job, co-op training in a Chrysler dealership and complete their entire Ontario apprenticeship in-school curriculum within two years. In addition, you will take a unique advanced electrical and electronics diagnosis course.

You will spend the first eight months of the program in school, eight months in co-op as a registered apprentice and a final eight months in school. As part of the in-school curriculum, you will train on automobile assemblies in fully-equipped campus automotive labs. You will focus on Chrysler product component design and repair, as it applies to the apprenticeship curriculum. In addition, you will take courses in automotive trade business, English and general education that will help prepare you for employment opportunities in a dealership administrative role.

BENEFITS

PROGRAM HIGHLIGHTS

- In-school theory and lab experience is combined, focusing on Chrysler product generously donated for this program
- Facilities are in one of Ontario's largest transportation training centres
- Requirements for both in-school apprenticeship curriculum and an Ontario College diploma are completed
- Advanced vocational and automotive business-related courses
- On-the-job experience in a paid co-op placement at a Chrysler Canada Inc. dealership.

ADMISSION REQUIREMENTS

- Ontario Secondary School Diploma (OSSD) or General Educational Development (GED) or equivalent.

ACADEMIC REQUIREMENTS

- English Grade 12 C or U (minimum grade required) or equivalent, or skills assessment
- Mathematics Grade 11 M or U or Grade 12 C, M or U (minimum grade required) or equivalent, or skills assessment

ADDITIONAL REQUIREMENTS

- Submit a resumé and questionnaire that describes experience and aptitude
- Attend an interview (by invite only, based on resumé and questionnaire) with faculty/potential employer.

PROGRAM OUTLINE

Semester 1

DAST-101	Work Place Practices & Procedures
DAST-102	Engine Systems
DAST-105	Drive Train Systems
DAST-106	Suspension/Steering & Brake Systems
DAST-107	Electrical/Electronics & Emissions
GNED-126	Occupational Health & Safety

Semester 2

COMM-170/171	College Communication 2
COOP-521	Employment Preplacement 1
DAST-201	Work Place Practice
DAST-202	Engine Systems
DAST-205	Drive Train Systems
DAST-206	Suspension/Steering & Brakes
DAST-207	Electrical, Electronic & Emissions Systems

Co-op Work Terms 1 and 2

Semester 3

BUSN-221	Organizational Behaviour
DAST-302	Engine Systems
DAST-306	Suspension/Steering & Brake Systems
DAST-307	Electrical/Electronics & Emission Systems
DAST-501	Autobody Estimating
ENGL-219	Communications for Professionals in the Auto Industry

Semester 4

DACO-611	Fixed Operations Management
DAST-301	Electronic Climate Control
DAST-305	Drive Train Systems
DAST-607	Advanced Electrical & Diagnostics
DAST-608	Diesel, Hybrid and Alternate Fuel Technology
GNED	General Education Elective
GNED-500	Global Citizenship: From Social Analysis to Social Action

At A Glance

Graduates are prepared to work as:

- Automotive service technicians
- Service writers/advisors
- Service managers
- Instructors/professors
- Auto company representatives

Automotive Service Technician Co-op Apprenticeship (Partnered with T.A.D.A.)

Program Code: 8216
Program Length: 2 years/6 semesters
Credential: Ontario College Diploma
Start: Summer, Winter
Campus: Ashtonbee
sot@centennialcollege.ca

Program Overview

This program is partnered with the Toronto Automobile Dealers' Association (T.A.D.A.), and will prepare students for exciting futures as skilled professionals in the transportation field, one of Canada's largest industries. This in-school training includes an essential part of an Automotive Service Technician apprenticeship.

Successful students will earn an Ontario College Diploma, will have eight months of practical, on-the-job, co-op training in a T.A.D.A. dealership and complete their entire Ontario Apprenticeship in-school curriculum within two years. In addition, students will take a unique advanced electrical and electronics diagnosis course in this program.

To complete the program, students will spend the first eight months in school, eight months in co-op as a registered apprentice and a final eight months in school. As part of the in-school curriculum, students will train on automobile assemblies in fully-equipped campus automotive labs. The vehicles worked on in our labs will reflect the products sold by supporting T.A.D.A. dealerships. In addition, students will take courses in automotive trade business, English and general education which will help prepare them for employment opportunities in a dealership administrative role.

BENEFITS

PROGRAM HIGHLIGHTS

- Combination of in-school theory and lab experience
- Facilities are in Ontario's largest transportation training centre, Ashtonbee campus
- Student will earn an Ontario college diploma, which will include the in-school apprenticeship curriculum required by the Ministry of Training, Colleges and Universities
- Advanced vocational and automotive business related courses
- On-the-job experience in a paid co-op placement at a T.A.D.A. dealership

At A Glance

Graduates are prepared to work as:

- Automotive service technicians
- Service writers/advisors
- Service managers
- Instructors/professors
- Auto company representatives

ADMISSION REQUIREMENTS:

ELIGIBILITY

- Ontario Secondary School Diploma (OSSD) or General Educational Development (GED) or equivalent.

ACADEMIC REQUIREMENTS

- English Grade 12 C or U (minimum grade required) or equivalent, or skills assessment
- Mathematics Grade 11 M or U or Grade 12 C, M or U (minimum grade required) or equivalent, or skills assessment

ADDITIONAL REQUIREMENTS

- Submit a resumé and questionnaire that describes experience and aptitude
- Attend an interview (by invite only, based on resumé and questionnaire) with faculty/potential employer.

PROGRAM OUTLINE

Semester 1

DAST-101	Work Place Practices & Procedures
DAST-102	Engine Systems
DAST-105	Drive Train Systems
DAST-106	Suspension/Steering & Brake Systems
DAST-107	Electrical/Electronics & Emissions
GNED-126	Occupational Health & Safety

Semester 2

COMM-170/171	College Communication 2
COOP-521	Employment Pre-placement
DAST-201	Work Place Practice
DAST-202	Engine Systems
DAST-205	Suspension/Steering & Brakes
DAST-206	Suspension/Steering & Brakes
DAST-207	Electrical/Electronics & Emissions Systems

Co-op Work Terms 1 and 2

Semester 3

BUSN-221	Organizational Behaviour
DAST-302	Engine Systems
DAST-306	Suspension/Steering & Brake Systems
DAST-307	Electrical/Electronics & Emission Systems
DAST-501	Autobody Estimating
ENGL-219	Communications for Professionals in the Automotive Industry

Semester 4

DACO-611	Fixed Operations Management
DAST-301	Electronic Climate Control
DAST-305	Drive Train Systems
DAST-607	Advanced Electrical & Diagnostics
DAST-608	Diesel, Hybrid and Alternate Fuel Technology
GNED	General Education Elective
GNED-500	Global Citizenship: From Social Analysis to Social Action

Aviation Technician – Aircraft Maintenance

Program Code: 8112 (Option M)
Program Length: 2 years/4 semesters
Credential: Ontario College Diploma
Start: Fall
Campus: Ashtonbee
sot@centennialcollege.ca
416-289-5000, ext. 7280

Program Overview

Learn highly sought after skills in aircraft maintenance, power plant structures, inspections, troubleshooting, mechanical, electrical and electronic applications. Students will also acquire other sciences related to aircraft maintenance, to equip them for work in the aircraft maintenance industry.

A significant portion of time is spent on practical application in labs working on aircraft engines, conducting aircraft and component inspections in a maintenance environment and performing flight-line activities.

Option M, Aircraft Maintenance, emphasizes the repair of a wide range of electrical and mechanical systems within an aircraft, including: hydraulics, fuels, environmental systems, engines, surface controls and undercarriage systems, and the aircraft's frame and external skin. Aviation maintenance servicing practices and procedures as well as aviation regulation requirements, round out this training.

BENEFITS

PROGRAM HIGHLIGHTS

- Extensive facilities and equipment, including an on-site hangar and various aircraft
- To meet the needs of Toronto's sizeable aviation community our aerospace facility contains modern equipment reflecting the current trends in the industry
- Our faculty is highly skilled, with years of experience, extensive technical expertise and a deep commitment to the program, its students and their success
- Comprehensive courses and theories reinforced by hands-on lab and shop work
- Affiliated with the Aircraft Maintenance Engineer Association
- Graduates are also suitably trained to seek employment in non-aircraft related areas of certain repair and manufacturing industries
- Our partners and supporters are members of Centennial College's advisory committees and participate as guest speakers and panelists, sharing their knowledge and expertise for the benefit and enhancement of our programs

THE AVIATION TECHNICIAN (AIRCRAFT MAINTENANCE) PROGRAM HOLDS:

- Transport Canada (TC) accreditation. Accreditation is provided to:
 - » graduates who meet attendance requirements, project completion requirements and attain 70 per cent in each course.
 - » In addition to an Ontario College diploma, successful graduates that meet the accreditation requirements are eligible for an 18 month experience credit and technical examination credit towards the regulatory requirements for issue of a Canadian Aircraft Maintenance Engineer Licence.
- CCAA – Canadian Council for Aviation and Aerospace (formerly the Canadian Aviation Maintenance Council) accreditation and recognition towards meeting the basic training requirements for CCAA occupational trade certification as an avionics maintenance technician.

EDUCATIONAL PARTNERS

Qualified graduates may be eligible to participate in an articulated program with selected universities. These partnerships may allow graduates to apply academic credit towards further study.

Our partner is

- British Columbia Institute of Technology (Technology Management degree)

CAREER OUTLOOK

Organizations that hire program graduates include:

- Airlines/operators – Air Canada, Kelowna Flightcraft, Great Slave Helicopters
- Manufacturers – Bombardier, Magellan Aerospace, Pratt & Whitney
- Military – Department of National Defense
- Aviation training – Flight Safety Canada Aviation
- Repair and overhaul – SPAR Aerospace, IMP Group
- Aviation equipment/avionics – MC2, Wright Instruments

The qualification requirements and costs for each external accreditation, designation, certification or recognition are set by the granting body, not by Centennial College. In order to qualify for any external accreditations, designations, certifications or recognitions, students and graduates will need to follow the processes and meet the applicable requirements listed on the websites in the materials, and as indicated by any policy and procedure document required by those external bodies.

At A Glance

Aircraft maintenance technicians work in many areas of the industry, including:

- Manufacturers
- Airlines
- Aircraft maintenance companies
- Other Canadian aviation operations

ADMISSION REQUIREMENTS

ELIGIBILITY

- Ontario Secondary School Diploma (OSSD) or equivalent, or mature student status (19 years or older)

ACADEMIC REQUIREMENTS

- English Grade 12 C or U (minimum grade required) or equivalent, or skills assessment
- Math Grade 11M or U (minimum grade required) or Grade 12C or U or equivalent, or skills assessment

NOTES

- If you are unable to meet the admission requirements of this program, we recommend that you investigate General Arts and Science – Science Option program (program code 6809). Completing the Science Option program successfully will qualify you for entry to the Aviation Technician – Aircraft Maintenance program.

PROGRAM OUTLINE

Semester 1

AIRC-109 Safety and Human Factors
AIRC-110 Piston Engines and Propellers
AIRC-111 Sheet Metal & Aircraft Structures
AIRC-112 Tools, Materials & Processes
AIRC-113 Theory of Flight
AIRC-114 Aircraft Publications
AIRC-115 Aircraft Applied Mathematics
AIRC-116 Electrical Fundamentals
AIRC-117 Avionics Fundamentals 1

Semester 2

AIRC-135 Turbine Engines
AIRC-136 Aircraft Hydraulics & Landing Gear
AIRC-137 Canadian Aviation Regulations (CARs)
AIRC-138 Hangar – Maintenance Procedures
AIRC-139 Airframe Systems
AIRC-140 Aircraft Solid State and Data Bus Logic
AIRC-141 Avionics Fundamentals 2
AIRC-142 Power Generation and Distribution
AIRC-143 Aircraft Instruments

Semester 3

AIRC-248 Materials and Processes 2
AIRC-249 Piston Engines 2
AIRC-250 Rotary Wing Controls
AIRC-251 Maintenance Procedures 1

Semester 4

AIRC-252 Turbine Engines 2
AIRC-253 Propellers
AIRC-254 Aircraft Inspection
AIRC-255 M1 & M2 Aircraft System Maintenance
AIRC-256 Maintenance Procedures 2

Aviation Technician – Avionics Maintenance

Program Code: 8113 (Option E)
Program Length: 2 years/4 semesters
Credential: Ontario College Diploma
Start: Fall
Campus: Ashtonbee
sot@centennialcollege.ca
416-289-5000, ext. 7510

Program Overview

This program trains the student in skills from basic electronics to sophisticated avionic systems used in modern aircraft. The emphasis in Option E, Avionics Maintenance, is on the aircraft's various electronic systems: electrical power distribution and control, navigation, flight instrumentation, communication and radar. Students are given equal time in theory and lab training. Shop work on various aircraft is also included. Aviation maintenance servicing practices and procedures, as well as aviation regulation requirements round out this training.

Through classroom and shop activities students will gain both theoretical and practical knowledge, as well as hands-on skills and experience through the demonstration and application of standard industry techniques and processes that are included and imbedded in the program curriculum.

This program is also designed to prepare bench technicians for avionic-approved shops and aircraft manufacturing companies.

BENEFITS

THE AVIATION TECHNICIAN (AVIONICS MAINTENANCE) PROGRAM HOLDS:

- Transport Canada (TC) accreditation. Accreditation is provided to:
 - » Graduates who meet attendance requirements, project completion requirements and attain 70 per cent in each course.
 - » In addition to an Ontario College diploma, successful graduates that meet the accreditation requirements are eligible for an 18 month experience credit and technical examination credit towards the regulatory requirements for issue of a Canadian Aircraft Maintenance Engineer Licence.
- CCAA – Canadian Council for Aviation and Aerospace (formerly the Canadian Aviation Maintenance Council) accreditation and recognition towards meeting the basic training requirements for CCAA occupational trade certification as an avionics maintenance technician.

PROGRAM HIGHLIGHTS

- To meet the needs of Toronto's sizeable aviation community, our aerospace facility is housed with modern equipment reflecting the current trends in the industry
- Graduates are also suitably trained to seek employment aircraft-related businesses (airlines, operators of light aircraft) as well as non-aircraft related electronic industries.

CAREER OUTLOOK

Organizations that hire program graduates include:

- Airlines/operators – Air Canada, Kelowna Flightcraft, Great Slave Helicopters
- Manufacturers – Bombardier, Magellan Aerospace, Pratt & Whitney
- Military – Department of National Defense
- Aviation training – Flight Safety Canada
- Aviation repair and overhaul – SPAR Aerospace, IMP Group, Field Aviation, Eurocopter Canada
- Aviation equipment/avionics – MC2, Wright Instruments

The qualification requirements and costs for each external accreditation, designation, certification or recognition are set by the granting body, not by Centennial College. In order to qualify for any external accreditations, designations, certifications or recognitions, students and graduates will need to follow the processes and meet the applicable requirements listed on the websites, in the materials, and as indicated by any policy or procedure document required by those external bodies.

At A Glance

Avionics maintenance technicians work in many areas of the industry including:

- Manufacturers
- Airlines
- Aircraft, electronic and avionics maintenance companies
- Other Canadian aviation operations

ADMISSION REQUIREMENTS

ELIGIBILITY

- Ontario Secondary School Diploma (OSSD) or equivalent, or mature student status (19 years or older)

ACADEMIC REQUIREMENTS

- English Grade 12 C or U (minimum grade required) or equivalent, or skills assessment
- Math Grade 11M or U (minimum grade required) or Grade 12C or U or equivalent, or skills assessment

NOTES

If you are unable to meet the academic requirements for this program, we recommend that you investigate General Arts and Science – Science Option program (program code 6809). Completing the Science Option program successfully will qualify you for entry to the Aviation Technician – Aircraft Maintenance program.

PROGRAM OUTLINE

Semester 1

AIRC-109 Safety and Human Factors
AIRC-110 Piston Engines and Propellers
AIRC-111 Sheet Metal & Aircraft Structures
AIRC-112 Tools, Materials & Processes
AIRC-113 Theory of Flight
AIRC-114 Aircraft Publications
AIRC-115 Aircraft Applied Mathematics
AIRC-116 Electrical Fundamentals
AIRC-117 Avionics Fundamentals 1

Semester 2

AIRC-135 Turbine Engines
AIRC-136 Aircraft Hydraulics & Landing Gear
AIRC-137 Canadian Aviation Regulations (CARS)
AIRC-138 Hangar – Maintenance Procedures
AIRC-139 Airframe Systems
AIRC-140 Aircraft Solid State and Data Bus Logic
AIRC-141 Avionics Fundamentals 2
AIRC-142 Power Generation and Distribution
AIRC-143 Aircraft Instruments

Semester 3

AIRC-257 Avionics Installation Practices
AIRC-258 Avionics Troubleshooting Practices
AIRC-259 Communications Systems Maintenance
AIRC-260 Digital Avionics Practices

Semester 4

AIRC-261 Pulse Navigation Systems
AIRC-262 Navigation Systems Maintenance
AIRC-263 Digital Avionics Practices 2
AIRC-264 Avionics Troubleshooting Practices 2

Baking – Commercial Bakeries

Program Code: 1810

Program Length: 1 year/2 semesters

Credential: Ontario College Certificate

Start: Fall

Campus: Progress

hospitality@centennialcollege.ca

416-289-5000, ext. 2323

Program Overview

The Commercial Bakeries program is designed to meet industry demands for people skilled in producing baked goods. Students will learn to produce commercial quantities of breads, rolls, sweet dough, savory and sweet pastry, danish and puff pastry, cookies, cakes and desserts.

After a two-semester full-time training program, graduates are qualified for entry level positions in retail bakeries, supermarkets, department stores, hotels, camps and other related business. Graduates will have the knowledge, skills and attitudes necessary to carry out their duties in a safe, ethical and professional manner.

BENEFITS

PROGRAM HIGHLIGHTS

This program is taught by professional bakers in our newly-renovated baking lab. The curriculum for this program has been carefully crafted to provide our graduates with all of the skills necessary to gain employment in this growing field.

Additional highlights include:

- State-of-the-art computer labs
- Hands-on training and classroom learning
- Industry experienced faculty

Note: The qualification requirements and costs for each external accreditation, designation, certification or recognition are set by the granting body, not by Centennial College. In order to qualify for any external accreditations, designations, certifications or recognitions, students and graduates will need to follow the processes and meet the applicable requirements listed on the websites and in the materials of those external bodies.

ADMISSION REQUIREMENTS

ELIGIBILITY

- Ontario Secondary School Diploma (OSSD) or equivalent, or mature student status (19 years or older)

ACADEMIC REQUIREMENTS

- English Grade 12 C or U or equivalent, or skills assessment.

PROGRAM OUTLINE

Semester 1

CMBK-102	Baking and Pastry Arts Practical Level 1
CMBK-101	Baking and Pastry Arts Theory
COMM-160/161	College Communications 1
GNED	General Education Elective
HTAP-101	Introduction to Computing
HTAP-102	Introduction to Hospitality Accounting
HTAP-153	Practical Math for Hospitality
HTAP-157	Sanitation, Safety and Hygiene

Semester 2

CMBK-103	Baking and Pastry Arts Practical Level 2
COMM-170/171	College Communications 2
CMBK-104	Mathematics for Bakers
HOTL-206	Principles of Food, Beverage & Labour Cost Controls
HTAP-201	Principles of Hospitality Management
KMGT-104	Purchasing for the Commercial Kitchen
CMBK-105	Quantity Baking Production

Note: Students will be placed in the appropriate English and math levels based on skills assessment results. This may lead to additional courses and require extra time and fees.

At A Glance

Qualified graduates who have completed an advanced program after finishing their studies in the Commercial Bakeries program may be hired by the following companies:

- Costco
- WalMart Supercentre
- Loblaws
- Metro
- Sobeys

Biomedical Engineering Technology

Program Code: 3407
3417 (co-op)
Program Length: 3 years/6 semesters (3407)
3 years/9 semesters (3417)
Credential: Ontario College
Advanced Diploma
Start: Fall, Winter
Campus: Progress
bet@centennialcollege.ca
416-289-5000, ext. 3556

Program Overview

In the biomedical equipment industry, engineering and scientific disciplines merge resulting in innovations that are beneficial to both the healthcare system and society. Firms in this industry must now meet the challenge of providing a range of quality products. As a result, there will be a greater need for qualified professionals. Biomedical engineering integrates various principles including electronics, micro-controller, computer, chemical, biology, medicine, health and engineering in the design of medical equipment, rehabilitation and health improvement devices.

In response to this growing demand for technology professionals who understand health-related fields, Centennial College is offering the Biomedical Engineering Technology program. The program will prepare you for a challenging career with the latest technology, while continuing to evolve to reflect the ever-growing innovations. This program provides an optimum balance between theory and hands-on labs. Students will be guided towards future Certified Engineering Technologist (CET) and Certified Biomedical Engineering Technologist (CBET) certifications.

This program offers the co-op option. Academically-qualified students enhance their education by working three terms as paid employees in the field.

Fast forward to the Fast-track options, page 151.

At A Glance

Health care technology professionals work in settings such as:

- Hospitals
- Medical equipment companies
- Pharmaceutical companies
- Rehabilitation facilities
- Quality control
- Sales and customer service
- Research and development

BENEFITS

PROGRAM HIGHLIGHTS

- Opportunity exists for three paid co-op work terms
- The program has its own Biomedical Student Club
- Hands-on experience is gained with a wide range of high-tech equipment
- The program is part of an active student chapter of the Institute of Electrical and Electronic Engineers (IEEE)

EDUCATIONAL PARTNERS

Qualified graduates may be eligible to participate in an articulated program with selected universities. These partnerships allow graduates to apply academic credit towards further study.

Our partners are:

- Athabasca University (AB), Science degree
- Lakehead University (ON), Engineering degree

CTAB NATIONALLY ACCREDITED PROGRAM

The Biomedical Engineering Technology program has met the national technology accreditation requirements established by the Canadian Council of Technicians and Technologists (CCTT) and, as such, has received national accreditation status by the Canadian Technology Accreditation Board (CTAB).

RECOGNITION AS A CERTIFIED ENGINEERING TECHNOLOGIST



OACETT (The Ontario Association of Certified Engineering Technicians and Technologists) recognizes the Biomedical Engineering Technology program as meeting all the academic requirements for certification in the Technologist category.

ADMISSION REQUIREMENTS

ELIGIBILITY

- Ontario Secondary School Diploma (OSSD) or equivalent, or mature student status (19 years or older).

ACADEMIC REQUIREMENTS

- English Grade 12 C or U, or equivalent, or skills assessment.
- Math Grade 11 M or U or Grade 12 C or U, or equivalent, or skills assessment

CO-OP REQUIREMENTS

- Minimum C grade in COMM-170/171, minimum 2.5 GPA and minimum 80 per cent of first year courses required for COOP-221

PROGRAM OUTLINE

Semester 1

COMM-160/161 College Communications 1
ETEC-116 Computer Hardware & Networks
ETEC-102 Digital Electronics 1
ETEC-103 Electric Circuits 1
ETEC-101 Electronics Shop Practices
ETEC-104 Technical Report Writing Tools in MS Office
MATH-170 Technology Mathematics 2

Semester 2

CTEC-208 C/C++ Programming
COMM-170/171 College Communications 2
ETEC-122 Digital Electronics 2
ETEC-123 Electric Circuits 2
ETEC-121 Electronics 1
GNED-212 Ethics in Technology and the Environment
MATH-180 Technology Mathematics 3

Semester 3

ANAT-106 Applied Anatomy & Physiology
BTEC-211 Biomedical Engineering Technology
ETEC-204 Electronic Communication Systems
ETEC-201 Electronics 2
COOP-221 Employment Preplacement (3417)
GNED-500 Global Citizenship: From Social Analysis to Social Action
BTEC-212 Microbiology & Infection Control
COOP-222 Co-op Work Placement 1 (3417)

Semester 4

BTEC-221 Biomedical Engineering 2
BTEC-222 Dialysis & Water Treatment
ETEC-221 Electronics 3
ETEC-203 Measurement & Instrumentation
ETEC-202 Microcontrollers 1
BTEC-225 Project Design Applications
ENGL-250 Report Writing in a Technical Environment
COOP-331 Co-op Work Placement 2 (3417)

Semester 5

BTEC-312 Biomechanics & Rehabilitation Engineering
ETEC-223 Control Systems 1
ETEC-224 Data Communications & Networks
BTEC-313 Medical Imaging Systems
ETEC-222 Microcontrollers 2
BTEC-314 Photonics Devices & Laser Treatment
ETEC-306 QA and Project Management
COOP-332 Co-op work Placement 3 (3417)

Semester 6

BTEC-321 Advanced Topics in Biomedical Engineering
BTEC-327 Biomedical Project
BTEC-325 Computer Integrated Surgery & Telemedicine
GNED General Education Elective
ETEC-205 RF Transmission & Measurements
ETEC-324 Wireless Networks & Applications
EMPS-101 Employment Skills (3407)

Note: Student will be placed in the appropriate English and math level based on skills assessment results

Biotechnology Technician – Industrial Microbiology

Program Code: 3601

Program Length: 2 years/4 semesters

Credential: Ontario College Diploma

Start: Fall

Campus: Morningside

bio@centennialcollege.ca

416-289-5000, ext. 8123

Program Overview

This nationally-accredited program prepares you to work as a bench technician (in quality control and quality assurance) in the food, pharmaceutical and cosmetic industries.

We provide practical training in industrial microbiology as well as chemistry (analytical), organic and biochemistry. Laboratory techniques, including appropriate safety procedures, are extensively highlighted. A special feature of the program is our focus on the project approach, with independently designed microbiology projects that enhance your problem-solving and research skills.

You will learn to:

- Isolate, enumerate and identify microorganisms from many types of samples (water, soil, air, your body, food, pharmaceutical and cosmetic products)
- Prepare specimens for staining and become an expert light-microscopist
- Become proficient in aseptic handling of materials
- Accurately calibrate and use a range of instruments such as pH and BOD meters, Gas Chromatographs, spectrophotometers (regular/IR/UV), HPLC's etc.
- Prepare microbiological media and reagents and culture pathogenic microbes
- Design and perform your own microbiology experiments
- Use microorganisms to assay pharmaceutical products

You may graduate in two years as a biotechnology technician or continue for a third year to study specialized topics such as advanced biotechnology and microbial genetics or systematic microbiology, graduating as a biotechnology technologist.

Fast-track Option

If you have a related science degree/ diploma, fast forward to the accelerated options available on pages 152 and 153

At A Glance

- National accreditation supports program quality and provides mobility for graduates

AWARDS

The Biotechnology Technician program is a repeat recipient of the Centennial College President's Academic Program Recognition Award for outstanding student satisfaction.

BENEFITS

PROGRAM HIGHLIGHTS

- Graduates may apply for certification through the Ontario Association of Certified Engineering Technicians and Technologists (OACETT) to use the following professional designation: CTech (Certified Technician)
- Eight up-to-date laboratories and modern wireless lecture facilities are housed at the Centennial Science and Technology Centre campus
- Thorough laboratory training is provided, starting from the basics to professional skills
- Theory is combined with ongoing laboratory work
- There is a high program graduation rate and student satisfaction
- Training in Occupational Health and Safety, WHMIS, GMP, HACCP is to industry standards
- Qualified and caring faculty and staff provide individual attention in laboratories
- Teamwork skills are encouraged and developed
- Qualified graduates may apply to enter the third year of the Biotechnology Technologist program

CAREER OUTLOOK

Graduates typically start their careers as quality control technicians in a broad range of industries – food, cosmetics and pharmaceuticals and also in the related government agencies.

The organizations our graduates work for include:

- Kisko Products
- Hermann Laue Spice Company
- Apotex Inc.
- Agropur – Division Natrel
- Mill Street Brewery
- MAXXAM Analytics
- Campbell Soup Company
- bioMerieux Canada Inc.
- Griffiths Laboratories Inc.
- Cosmetica Laboratories Inc.

CTAB NATIONALLY ACCREDITED PROGRAM

The Biotechnology Technician – Industrial Microbiology program has met the national technology accreditation requirements established by the Canadian Council of Technicians and Technologists (CCTT) and, as such, has received national accreditation status by the Canadian Technology Accreditation Board (CTAB).

RECOGNITION AS A CERTIFIED ENGINEERING TECHNICIAN/TECHNOLOGIST



The Ontario Association of Certified Engineering Technicians and Technologists (OACETT) recognizes the Biotechnology Technician – Industrial Microbiology

program as meeting all the academic requirements for certification in the Technician category.

ADMISSION REQUIREMENTS

ELIGIBILITY

- Ontario Secondary School Diploma (OSSD) or equivalent, or mature student status (19 years or older)

ACADEMIC REQUIREMENTS

- English Grade 12 C or U or equivalent, or skills assessment.
- Math Grade 11 M or U or Grade 12 C or U, or equivalent, or skills assessment

For information on the admission process, please see p. 18.

PROGRAM OUTLINE

Semester 1

CH-101	Chemistry 1
COMM-160/161	College Communications 1
BI-111	Intro to Biological Systems
MATH-176	Mathematics 2*
MATH-154	Microcomputer Applications for Technology A
GNED-126	Occupational Health & Safety

Semester 2

COMM-170/171	College Communications 2
CH-125	Inorganic Chemistry for Microbiology
CH-122	Lab Instrumentation
BI-121	Microbiology
BI-122	Microbiology Techniques
MATH-186	Statistics for Applied Science*

Semester 3

CH-207	Analytical Chemistry
BI-208	Food Microbiology
GNED-500	Global Citizenship: From Social Analysis to Social Action
BI-207	Microbiology Project 1
CH-121	Organic Chemistry
ENGL-250	Report Writing in a Technical Environment

Semester 4

CH-222	Biochemistry 1
CH-203	Food Chemistry
GNED	General Education Elective
BI-206	Microbiology Project 2
BI-209	Pharmaceutical Microbiology

Note: Students will be placed in the appropriate English level based on skills assessment results.

* students who test at an advanced level may be accelerated directly into MATH-176 in semester 1 and MATH-186 in semester 2. Those taking MATH-140 will have the opportunity to complete MATH-186 between semesters 2 and 3.

Biotechnology Technologist – Industrial Microbiology

Program Code: 3602
3612 (co-op)
Program Length: 3 years/6 semesters (3602)
3 years/9 semesters (3612)
Credential: Ontario College
Advanced Diploma
Start: Fall
Campus: Morningside
bio@centennialcollege.ca
416-289-5000, ext. 8123

Program Overview

This nationally-accredited program prepares you for the scientific principles, techniques and skills required in industrial microbiology. Specialized study also includes biotechnology applications, biochemistry, microbial genetics, clinical and environmental microbiology.

You will learn to:

- Isolate, enumerate and identify microorganisms from many types of samples
- Accurately calibrate and use instruments such as pH and BOD meters, Gas Chromatographs, spectrophotometers, HPLC's, centrifuges, PCR thermocyclers and Gel electrophoresis equipment
- Prepare media and reagents to culture pathogenic microbes
- Design and perform advanced microbiology and microbial genetics experiments
- Isolate DNA and perform Gel electrophoresis and PCR (polymerase chain reaction) on samples

CO-OP

Academically-qualified students enhance their education by working three terms as paid employees in their field. This experience allows you to put classroom learning into practice, and provides valuable contacts for future careers.

Please see the co-op requirements in the Admission Requirements section for further information.

JOINT SPECIALIST DEGREE/DIPLOMA PROGRAM (UTSC)

Students can earn a Biotechnology Technologist advanced diploma from Centennial while working on an honours BSc degree in Applied Microbiology from the University of Toronto, Scarborough (UTSC).

Fast-track Option

If you have a related science degree/diploma, fast forward to the accelerated options available on pages 152 and 153.

BENEFITS

PROGRAM HIGHLIGHTS

- Graduates may apply for certification through Ontario Association of Certified Engineering Technicians and Technologists (OACETT) to use the following professional designation: Certified Engineering Technologist (CET)

CAREER OUTLOOK

- Besides laboratory work, graduates may choose to work in product development, production or sales management.

CTAB NATIONALLY ACCREDITED PROGRAM

The Biotechnology Technologist – Industrial Microbiology program has met the national technology accreditation requirements established by the Canadian Council of Technicians and Technologists (CCTT) and, as such, has received national accreditation status by the Canadian Technology Accreditation Board (CTAB).

DEGREE COMPLETION

Qualified Biotechnology graduates are granted access with credit transfer to Ryerson University or the University of Toronto Scarborough.

RECOGNITION AS A CERTIFIED ENGINEERING TECHNICIAN/TECHNOLOGIST

The Ontario Association of Certified Engineering Technicians and Technologists (OACETT) recognizes the Biotechnology Technologist – Industrial Microbiology program as meeting all the academic requirements for certification in the Technologist category.

ADMISSION REQUIREMENTS

ELIGIBILITY

- Ontario Secondary School Diploma (OSSD) or equivalent, or mature student status (19 years or older)

ACADEMIC REQUIREMENTS

- English Grade 12 C or U or equivalent, or skills assessment.
- Math Grade 11 M or U or Grade 12 C or U, or equivalent, or skills assessment

CO-OP REQUIREMENTS

- To qualify for co-op work terms, completion of 80 per cent of year one courses, a minimum 2.5 GPA and minimum C grade in COMM-170/171 are required.

PROGRAM OUTLINE

Semester 1

CH-101 Chemistry 1**
COMM-160/161 College Communications 1
BI-111 Intro to Biological Systems**
MATH-176 Mathematics 2*
MATH-154 Microcomputer Applications for Technology A
GNED-126 Occupational Health & Safety

Semester 2

COMM-170/171 College Communications 2
CH-125 Inorganic Chemistry for Microbiology
CH-122 Lab Instrumentation**
BI-121 Microbiology**
BI-122 Microbiology Techniques**
MATH-186 Statistics for Applied Science*

Semester 3

CH-207 Analytical Chemistry**
COOP-221 Employment Preplacement (program 3612 only)
BI-208 Food Microbiology**
GNED-500 Global Citizenship: From Social Analysis to Social Action
BI-207 Microbiology Project 1**
CH-121 Organic Chemistry**
ENGL-250 Report Writing in a Technical Environment

COOP-222

Co-op Work Term 1 (3612)

Semester 4

CH-222 Biochemistry 1**
CH-203 Food Chemistry**
GNED General Education Elective
BI-206 Microbiology Project 2**
BI-209 Pharmaceutical Microbiology**

COOP-331

Co-op Work Term 2 (3612)

Semester 5

BI-312 Applications of Biotechnology
CH-302 Biochemistry 2
BI-302 Microbial Genetics
BI-303 Microbiology Project 3

COOP-332

Co-op Work Term 3 (3612)

Semester 6

BI-305 Advanced Biotechnology
BI-304 Environmental Microbiology
BI-307 Microbiology Project 4
BI-308 Systematic Microbiology

Note: Students will be placed in the appropriate English level based on skills assessment results.

** students who test at an advanced level may be accelerated directly into MATH-176 in semester 1 and MATH-186 in semester 2. Those taking MATH-140 will have the opportunity to complete MATH-186 between semesters 2 and 3.*

*** minimum C grade required for entry into semester 5.*

Broadcasting and Film

Program Code: 6401

Program Length: 3 years/6 semesters

Credential: Ontario College

Advanced Diploma

Start: Fall

Campus: The Centre for

Creative Communications

thecentre@centennialcollege.ca

416-289-5000, ext. 5100

Program Overview

The Broadcasting and Film program will prepare you with both the creative and technical skills you'll need for film, television and radio. Creating new and original story ideas, you'll learn how to prepare, manage and carry out the creative production and development process to realize your unique creative vision.

In this program you will:

- Develop a balance between the artistic and commercial aspects of the industry and become exposed to a variety of industry practices and players
- Gain experience in our unique HDTV broadcasting studios that have extensive digital film abilities
- Spend 15 weeks in a full-time industry field placement
- Participate in student films and TV, as well as the JOURNAL, a student-produced newsmagazine TV show that airs live and online, create an advanced body of produced work for a professional portfolio.

BENEFITS

PROGRAM HIGHLIGHTS

- For more than 30 years, the program has been training some of Canada's best writers, directors, producers, production crew members and studio executives for the broadcasting and film industry
- You'll have access to digital HD broadcast studios, equipment and systems
- Centennial's curriculum is unique in providing comprehensive course content that covers film, television and radio
- The advanced diploma that is earned reflects high standards of learning
- Hands-on experience that complements your education is the key to success
- The program offers a full-semester field placement

PLACEMENT PARTNERS

Below is a list of some of the placement options for qualifying students:

- Barna Alper
- Breakthrough Films
- CBC
- Chum Television LTD
- CTV
- Cuppa Coffee Studios
- Epitome Pictures
- FLOW 93.5
- Global TV News
- Lenz Entertainment
- MTV Canada/CTV
- NHL Network/CTV
- Omni TV
- Playback Magazine
- Red Apple Productions
- ROGERS Communications
- Sportsnet
- Spy Films
- Sun TV
- The Score
- TV Ontario
- WNET TV Buffalo
- Yorke Town Productions (Norman Jewison)

EDUCATIONAL PARTNERS

Qualified graduates may be eligible to participate in an articulated program with selected universities, institutes and professional associations. These partnerships allow graduates to apply academic credit towards further study.

Our Partner is Athabasca University (AB), Professional Arts degree (Communication Studies)

ADMISSION REQUIREMENTS

ELIGIBILITY

- Ontario Secondary School Diploma (OSSD) or equivalent, or mature student status (19 years of age or older)

ACADEMIC REQUIREMENTS

- English Grade 12 C or U (minimum grade required) or equivalent, or skills assessment.

ADDITIONAL REQUIREMENTS

Attend a mandatory program admission session where you will:

- Complete the Broadcasting and Film writing test
- Submit one of the following:
 - » A portfolio that demonstrates your ability to tell a story. The portfolio must consist of two examples of media work that you have authored. Media work includes video, audio, digital images and TV/film scripts. For example, you could submit a music video you made and a sequence of digital images that tell a story. Or you might have created a website that includes both the required examples. Work can be submitted in virtually any form (i.e. DVD) including URLs.
 - » A resumé that includes media related experience plus two letters of recommendation. On your resumé be sure to include any items that relate to Broadcasting and Film. For example, you might have done some volunteer work on a video production or worked as a community volunteer at a cable station. Also include any course(s) that you have taken that are relevant to the study of Broadcasting and Film.

Note: Ask us about distance testing.

PLACEMENT REQUIREMENTS

- Students work closely with a placement coordinator to obtain their own field placement

PROGRAM OUTLINE

Semester 1

RT-109 Camerawork 1*
COMM-170/171 College Communications 2
GNED-148 History of Broadcasting
CO-105 Imaging: Photography*
CO-104 Media Theory, Workplace and Issues
CO-108 Tools and Processes for Communicators
RT-100 Writing for Broadcast, Film & Multi-Platform 1*

Semester 2

RT-107 Camerawork 2 and Lighting*
RT-110 Editing 1*
RT-108 Film Appreciation & Analysis*
GNED-500 Global Citizenship: From Social Analysis to Social Action
RT-106 Radio Production
RT-105 Writing for Broadcast, Film & Multi-Platform 2*

Semester 3

COMM-180 College Communications 3
RT-203 Documentary and News Production 1*
RT-214 Essentials of Screenwriting*
RT-207 Filmmaking for TV, Cinema & Multi-Platform 1*
RT-208 Studio/Control Room Production 1*

Semester 4

RT-210 Documentary and News Production 2*
RT-216 Filmmaking for TV, Cinema & Multi-Platform 2*
CO-428 Integrated Media
RT-215 Sound to Picture Design
RT-209 Studio/Control Room Production 2*
RT-211 The Journal – Studio Production*

Semester 5

RT-313 Broadcast Career Management*
RT-320 Filmmaking for TV, Cinema & Multi-Platform 3*
GNED General Education Elective
RT-305 On-Air Promotions*
RT-325 Portfolio Production*

Semester 6

RT-400 Field Placement

Note: Minimum C grade required.

At A Glance

Program graduates have been hired by:

- Radio and television stations, including specialty channels
- Production companies
- Corporate and commercial TV/Film production houses
- Feature and series film producers
- Web production companies

TESTIMONIAL

"My first big break was my first day as an intern. I met many great professors in my Centennial days as well, who taught me with a passion that was infectious and that passion is what the future needs."

Mark Bullock – 2009, ET Canada TV production

Business

Program Code: 2803

Program Length: 2 years/4 semesters

Credential: Ontario College Diploma

Start: Fall, Winter, Summer

Campus: Progress

business@centennialcollege.ca

416-289-5000, ext. 2280

Program Overview

The Business program is intended to provide individuals with education and training in the broad areas of business as preparation for a variety of entry level jobs across all industries.

Emphasis is placed on the development of mathematical, computing, analytical and communication skills. Further focus is on a solid grounding in the contemporary concepts, theories and business practices, related to all the functional areas of the business enterprise.

Students participate in teamwork, undertake case analyses and pursue directed research on an individual basis.

GLOBAL CITIZENSHIP AND EQUITY PORTFOLIO

Students in this program will develop a portfolio documenting their engagement with the College's signature global citizenship and equity competencies. For more information on Global Citizenship and Equity, the GC&E Portfolio, and the supports available to you, please see page i.

BENEFITS

HIGHLIGHTS

- Solid foundations in the analytical disciplines
- Technology-supported learning, in and out of the classroom
- Extensive exposure to all the functional areas of business
- Opportunity to undertake work in teams
- Experiential learning and case studies
- Exposure to contemporary business practices
- Delivered by a team of professors with strong academic backgrounds and extensive business and management experience

EDUCATIONAL PARTNERS

Qualified graduates may be eligible to participate in articulated programs with selected universities, institutes and professional associations. These partnerships allow students to apply credits earned at Centennial College towards further study at other institutions.

Our Partners are:

- Athabasca University (AB)
- Royal Roads University (BC)
- University of Lethbridge (AB)
- Griffith University (Australia)
- Algoma University (ON)
- Davenport University (USA)
- University of New Brunswick

CAREER OUTLOOK

Graduates of the program have been able to secure entry level positions as: customer service representatives, procurement assistants, human resources generalists, marketing assistants, service supervisors, junior business analysts, operations coordinators and insurance claims representatives.

ADMISSION REQUIREMENTS

ELIGIBILITY

- Ontario Secondary School Diploma (OSSD) or equivalent, or mature student status (19 years or older)

ACADEMIC REQUIREMENTS

- English Grade 12 C or U or equivalent, or skills assessment.
- Math Grade 11 C, M or U, or Grade 12 C or U or equivalent or skills assessment

PROGRAM OUTLINE

Semester 1

COMM-160/161	College Communications 1
BUSN-119	Fundamentals of Business
MATH-106	Mathematics of Finance
COMP-106	Microcomputer Applications Software 1
BUSN-110	Strategies for Business Success

Semester 2

ACCT-112	Financial Accounting 1
BUSN-129	Business Operations
COMM-170/171	College Communications 2
GNE-500	Global Citizenship: From Social Analysis to Social Action
COMP-126	Microcomputer Applications Software 2

Semester 3

BUSN-333	Business Communications
BUSN-210	Career Exploration
GNE-500	General Education Elective
HRMT-301	Human Resource Management
INTL-220	International Business Concepts
MKTG-116	Principles of Marketing

Semester 4

BUSN-310	Career Action
ECON-302	Economics for Business & Management
GNE-500	General Education Elective
MGMT-222	Management Principles
BUSN-221	Organizational Behaviour
MKTG-222	Retailing

Note: Students will be placed in the appropriate English and math levels based on skills assessment results. This may lead to additional courses and require extra time and fees.

Business – Aboriginal Stream

Program Code: 2806 **NEW**
Program Length: 2 years/4 semesters
Credential: Ontario College Diploma
Start: Fall, Winter, Summer
Campus: Progress
business@centennialcollege.ca
416-289-5000, ext. 2280

Program Overview

The Canadian Council of Aboriginal Business (CCAB) recently identified a demand for Aboriginal people to become more involved in economic development and industry.

Centennial College also recognizes the need for sustainable partnerships between Aboriginal people and Canadian businesses, and accordingly has developed the Aboriginal Business Diploma program to address the community's need for individuals with a business foundation and understanding of Aboriginal needs.

This two-year program builds upon the comprehensive business knowledge provided in all of Centennial's programs, while supplementing the specialized, cultural knowledge necessary for success within the business community. Upon graduation from Centennial's program, graduates will be able to identify and gain knowledge about issues related to Aboriginal people, apply them to effective business practices and benefit their communities and the Greater Toronto Area.

GLOBAL CITIZENSHIP AND EQUITY PORTFOLIO

Students in this program will develop a portfolio documenting their engagement with the College's signature global citizenship and equity competencies. For more information on Global Citizenship and Equity, the GC&E Portfolio, and the supports available to you, please see page i.

BENEFITS

HIGHLIGHTS

- The program balances the fundamentals of business, basic accounting, finance, and business communications alongside Aboriginal business ethics and practices.
- Centennial's partnership with the Aboriginal Finance Officers Association ensures that our program meets the business needs of the Aboriginal community.
- The program is well-suited to students just beginning their post-secondary studies as well as mature learners.
- The School of Business's partnership development with Aboriginal and non-Aboriginal organizations provide mentoring and valuable networking opportunities to students as they complete their diploma.

IS THIS PROGRAM RIGHT FOR YOU?

The Aboriginal Business Diploma program is an ideal career path for individuals with the following traits and skills:

- Analytical with strong numeracy skills
- Highly organized with an ability to plan and prioritize
- Thrive under pressure and ability to meet deadlines
- Strong interpersonal skills
- Innovative problem solver and decision maker
- Comfortable working within a team environment
- Open-minded and have a willingness to learn new things

At A Glance

Upon graduation from the Aboriginal Business Diploma program, graduates can pursue a variety of careers including:

- Bank teller
- Mortgage specialist
- Bookkeeper
- Purchasing clerk
- Insurance broker
- Account manager
- Accounting clerk
- Entrepreneur

ADMISSION REQUIREMENTS

ELIGIBILITY

- Ontario Secondary School Diploma (OSSD) or equivalent, or mature student status (19 years or older)

ACADEMIC REQUIREMENTS

- English Grade 12 C or U or equivalent, or skills assessment.
- Math Grade 11 C, M or U, or Grade 12 C or U or equivalent or skills assessment

NOTES

- Applicants who consider themselves members of an Aboriginal group associated to First Nations, Inuit, or Metis ancestry, are encouraged to self identify when applying for this program at Ontariocolleges.ca.

PROGRAM OUTLINE

Semester 1

ABST-101	Aboriginal Identity
COMM-160/161	College Communications 1
BUSN-119	Fundamentals of Business
MATH-106	Mathematics of Finance
COMP-106	Microcomputer Applications Software 1
BUSN-110	Strategies for Business Success

Semester 2

ABST-121	Aboriginal Relationships
ACCT-112	Financial Accounting 1
BUSN-129	Business Operations
COMM-170/171	College Communications 2
GNED-500	Global Citizenship: From Social Analysis to Social Action
COMP-126	Microcomputer Applications Software 2

Semester 3

ABST-201	Aboriginal Governance and Sovereignty
ABST-210	Aboriginal Strategy and Decisions
BUSN-333	Business Communications
BUSN-210	Career Exploration
GNED	General Education Elective
HRMT-301	Human Resource Management
MKTG-116	Principles of Marketing

Semester 4

ABST-221	Aboriginal Challenges and Advocacy
BUSN-226	Business Analysis
ECON-302	Economics for Business & Management
GNED	General Education Elective
MGMT-222	Management Principles
BUSN-221	Organizational Behaviour
ABST-301	Values and Ethics in the Aboriginal Workplace

Note: Students will be placed in the appropriate English and math levels based on skills assessment results. This may lead to additional courses and require extra time and fees.

Business – Accounting

Program Code: 2801

Program Length: 2 years/4 semesters

Credential: Ontario College Diploma

Start: Fall, Winter, Summer

Campus: Progress

business@centennialcollege.ca

416-289-5000, ext. 2280

Program Overview

The Business – Accounting program provides students with excellent accounting training in a shorter time frame than the three-year Accounting co-op and non co-op programs. The College has worked hard to design a two-year program that is rigorous and develops employable skills. All the quality features of Centennial's accounting programs are present. However, you will not study certain subjects at the advanced level. If you want to continue your studies in the three-year program, the opportunity is available.

This two-year accounting program concentrates on building skills in financial and managerial accounting and developing strong knowledge in accounting software. Communication and analytical skills are also emphasized, as they are essential for employment. Graduates can look forward to rewarding employment opportunities in a wide range of business sectors.

The Business – Accounting program provides students with excellent accounting training in a shorter time frame. The School of Business is committed to student success. We offer flexibility in curriculum design. Most members of the Accounting faculties are professional accountants with solid industry experience.

BENEFITS

PROGRAM HIGHLIGHTS

- The School offers a leading-edge information technology infrastructure.
- Many classes are taught in a lab environment, which is fully equipped with an integrated network of computer systems
- Study of accounting theory and practice is rigorous
- You will gain hands-on experience with industry standard computer software, including Simply Accounting and ACCPAC for Windows
- There is a chance to gain knowledge in general business subjects
- Graduates of the two-year program may move on to the final year of the three-year program if they desire more specialized accounting and business studies

EDUCATIONAL PARTNERS

Qualified graduates may be eligible to participate in articulated programs with selected universities, institutes and professional associations. These partnerships allow students to apply credits earned at Centennial College towards further study at other institutions.

Our partners are:

- Athabasca University (AB)
- Davenport University (USA)
- Royal Roads University (BC)
- University of New Brunswick
- Algoma University (ON)
- Certified General Accountants Association of Ontario

CAREER OUTLOOK

Program graduates are prepared for careers in:

- Manufacturing organizations
- Merchandising organizations
- Service organizations
- Inventory control
- Managerial and cost accounting
- Payroll

At A Glance

Program graduates are prepared for careers in:

- Accounts payable
- Accounts receivable
- Credit and collections
- Fixed asset management

ADMISSION REQUIREMENTS

ELIGIBILITY

- Ontario Secondary School Diploma (OSSD) or equivalent, or mature student status (19 years or older)

ACADEMIC REQUIREMENTS

- English Grade 12 C or U or equivalent, or skills assessment.
- Math Grade 11 C, M or U, or Grade 12 C or U or equivalent or skills assessment

PROGRAM OUTLINE

Semester 1

ACCT-112	Financial Accounting 1
COMM-160/161	College Communications 1
MATH-106	Mathematics of Finance
COMP-106	Microcomputer Applications Software 1
BUSN-110	Strategies for Business Success

Semester 2

COMM-170/171	College Communications 2
ACCT-221	Financial Accounting 2
GNEC-500	Global Citizenship: From Social Analysis to Social Action
COMP-126	Microcomputer Applications Software 2
BUSN-225	Quantitative Methods 1
ACCT-150	Small Business Software

Semester 3

ENGL-253	Advanced Business Communications
BUSN-210	Career Exploration
GNEC	General Education Elective
ACCT-255	Intermediate Accounting 1
OPTION	See Options List
ACCT-226	Taxation 1

Semester 4

ACCT-257	Accounting Systems 1
BUSN-310	Career Action
ACCT-224	Corporate Finance 1
GNEC	General Education Elective
ACCT-265	Intermediate Accounting 2
ACCT-222	Management Accounting 1

OPTIONS: (Prerequisites listed in brackets)

ACCT-228	Accounting Microcomputer Applications 1 (ACCT-112 & COMP-106) – highly recommended for CGA
BUSN-325	Quantitative Methods 2 (BUSN-225 & COMP-121) – required for CGA
BUSN-331	Business Law (None) – required for CGA
ECON-103	Principles of Macroeconomics (None) – required for CGA
ECON-104	Principles of Microeconomics (None) – required for CGA
HRMT-318	Payroll (ACCT-112)

Note: Students will be placed in the appropriate English and math levels based on skills assessment results. This may lead to additional courses and require extra time and fees.

Business – Finance

Program Code: 2483

Program Length: 2 year/4 semesters

Credential: Ontario College Diploma

Start: Fall, Winter, Summer

Campus: Progress

business@centennialcollege.ca

416-289-5000, ext. 2280

Program Overview

This program is specifically designed for individuals who wish to pursue an exciting career in the continuously expanding financial services industry. Continued growth in the financial services sector provides exciting employment opportunities for qualified individuals.

The skills required of financial services graduates have changed dramatically in recent years. Graduates must be appropriately licensed and accredited by successfully completing a number of industry courses. Centennial has designed the program to include these courses so that graduates may present employers with meaningful industry credentials. Students will take courses that lead to eligibility for securities and insurance licensing.

PROFESSIONAL ASSOCIATION

- Students may write the Investment Funds exam (qualifying them to sell mutual funds), the CSC™ (Canadian Securities Course) and the Conduct and Practices Handbook (CPH™) which will qualify students to sell stocks and bonds in addition to mutual funds. Students may also write the Life License Qualification program (LLQP) exam which, upon passing, will qualify you to write the Ontario Life Insurer exam.
- Successful completion of industry recognized courses is essential for a career in the financial services industry. These courses have no substitutes. Registration in these courses incurs costs in addition to regular tuition.

BENEFITS

PROGRAM HIGHLIGHTS

- The courses are delivered by experienced faculty members who are professionals from the industry
- In addition to the financial courses, the program emphasizes general business knowledge, selling skills, technical skills, high-level communications and analytical skills
- Graduates of the Business Finance program have the opportunity to apply their credits towards a university degree through articulation agreements.

CAREER OUTLOOK

Graduates are prepared to pursue careers at:

- Investment fund companies
- Investment dealers (both discount and full service)
- Insurance companies

ADMISSION REQUIREMENTS

ELIGIBILITY

- Ontario Secondary School Diploma (OSSD) or equivalent, or mature student status (19 years or older)

ACADEMIC REQUIREMENTS

- English Grade 12 C or U or equivalent, or skills assessment.
- Math Grade 11 C, M or U, or Grade 12 C or U or equivalent or skills assessment

PROGRAM OUTLINE

Semester 1

ACCT-112 Financial Accounting 1
COMM-160/161 College Communications 1
MATH-106 Mathematics of Finance
COMP-106 Microcomputer Applications Software 1
BUSN-110 Strategies for Business Success

Semester 2

ACCT-230 Canadian Financial Services
FINA-110 Canadian Investment Funds Course
BUSN-210 Career Exploration
COMM-170/171 College Communications 2
ACCT-221 Financial Accounting 2
MKTG-116 Principles of Marketing

Semester 3

FINA-339 Canadian Securities Course 1
FINA-308 Conducts and Practices Handbook
GNED General Education Elective
GNED-500 Global Citizenship: From Social Analysis to Social Action
COMP-126 Microcomputer Applications Software 2
ACCT-226 Taxation 1

Semester 4

FINA-349 Canadian Securities Course 2
BUSN-310 Career Action
GNED General Education Elective
FINA-340 Introduction to Life Insurance
FINA-343 Marketing Financial Services
FINA-345 Retirement Consultant (RCC) Prep

Note: Students will be placed in the appropriate English and math levels based on skills assessment results. This may lead to additional courses and require extra time and fees.

At A Glance

Graduates are prepared to pursue careers at:

- Banks
- Credit unions
- Financial planning organizations

Business – International Business

Program Code: 2809 **NEW**
Program Length: 2 years/4 semesters
Credential: Ontario College Diploma
Start: Fall, Winter, Summer
Campus: Progress
business@centennialcollege.ca
416-289-5000, ext. 2280

Program Overview

Centennial College's two-year International Business diploma program provides both a solid general business foundation as well as specialized international business knowledge in just two years.

The first two semesters offer a broad business foundation, giving you an understanding of the key concepts needed to build any successful business career. Once you've grasped the core business ideas, you'll complete specialized international business courses that will meet the demands of any industry employer. These intensive courses will prepare you for the global workplace by teaching you key concepts such as: processing customs compliance documents, assisting in the transportation of goods to and from locations throughout the world and taking on a support role in the marketing and sale of Canadian goods in the global marketplace.

BENEFITS

PROGRAM HIGHLIGHTS

- The program focuses on providing you with a strong business foundation, along with international business courses that will launch you into an entry-level position within a global business enterprise.
- Strong employment prospects after graduation.
- Eligible graduates have the opportunity to apply their Centennial credits towards earning a university degree.
- Graduates have the option to seamlessly transfer into the three-year International Business program. In just one year, you'll undertake more international business courses, and have the option to work towards a university degree, pursue professional designations (CITP) and gain work experience before graduation.

IS THIS PROGRAM RIGHT FOR YOU?

The two-year International Business Diploma program is tailored for individuals with the following traits and skills:

- Highly organized with an ability to plan and prioritize
- Comfortable dealing with numbers and computers
- Analytical with strong numeracy skills
- Thrive under pressure and can meet deadlines
- Strong interpersonal skills
- Innovative problem solvers and decision makers
- Ability to work successfully in a team environment

EDUCATIONAL PARTNERS

Centennial maintains a number of university articulations to provide graduates with the opportunity to gain both a college and university degree in a shorter time frame. Qualified graduates of the two-year International Business Diploma program may be eligible to apply their Centennial credits towards a degree with the following universities:

- Algoma University (ON)
- University of New Brunswick

CAREER OUTLOOK

Whether you decide to pursue a career in the manufacturing and production sector, retail and distribution, transportation or as part of a consulting firm, you're business knowledge will help lead you towards success. Graduates of the two-year International Business Diploma program have a variety of career opportunities available to them. Here are just a few possibilities:

- Customs Compliance Analyst
- Import/Export Documentation Specialist
- Global Logistics Assistant
- Inside Sales Representative

ADMISSION REQUIREMENTS

ELIGIBILITY

- Ontario Secondary School Diploma (OSSD) or equivalent, or mature student status (19 years or older)

ACADEMIC REQUIREMENTS

- English Grade 12 C or U or equivalent, or skills assessment.
- Math Grade 11 C, M or U, or Grade 12 C or U or equivalent or skills assessment

PROGRAM OUTLINE

Semester 1	
COMM-160/161	College Communications 1
BUSN-119	Fundamentals of Business
MATH-106	Mathematics of Finance
COMP-106	Microcomputer Applications Software 1
BUSN-110	Strategies for Business Success
Semester 2	
BUSN-129	Business Operations
COMM-170/171	College Communications 2
ACCT-112	Financial Accounting 1
GNE-500	Global Citizenship: From Social Analysis to Social Action
COMP-126	Microcomputer Applications Software 2
Semester 3	
BUSN-333	Business Communications
BUSN-210	Career Exploration
GNE-100	General Education Elective
HRMT-301	Human Resource Management
INTL-220	International Business Concepts
MKTG-116	Principles of Marketing
Semester 4	
BUSN-226	Business Analysis
BUSN-310	Career Action
INTL-221	Customs Procedures
ECON-302	Economics for Business & Management
GNE-100	General Education Elective
INTL-222	Global Logistics
MKTG-332	International Marketing

Note: Students will be placed in the appropriate English and math levels based on skills assessment results. This may lead to additional courses and require extra time and fees.

Business – Marketing

Program Code: 2805

Program Length: 2 years/4 semesters

Credential: Ontario College Diploma

Start: Fall, Winter, Summer

Campus: Progress

business@centennialcollege.ca

416-289-5000, ext. 2280

Program Overview

A marketer is the essential link between an organization and its customer base. A marketer answers questions like: Who are our customers? What are their needs? How can we best meet these needs? How should we price, package, distribute and promote our product?

Centennial College's Business – Marketing program provides you with the knowledge and skills you need to help organizations answer these questions. You'll have an opportunity to learn the basics of business — accounting, operations, organizational behaviour and international business — which serve as an important foundation for the marketing courses that follow. You'll be introduced to marketing theory and case-based problem-solving, as well as marketing communications (which includes advertising and promotion) and professional selling practices.

Centennial's Marketing program encourages mastery of a marketer's key competencies — creative, practical decision-making and clear, persuasive communications. The College's interactive teaching approach incorporates learning through case studies, guest lectures, presentations, projects and computer simulations and technologies.

Centennial is a proud sponsor of selected Marketing students in national and province-wide academic competitions, including the Ontario Colleges Marketing Competition.

GLOBAL CITIZENSHIP AND EQUITY PORTFOLIO

Students in this program will develop a portfolio documenting their engagement with the College's signature global citizenship and equity competencies. For more information on Global Citizenship and Equity, the GC&E Portfolio and the supports available to you, please see page i.

BENEFITS

PROGRAM HIGHLIGHTS

- A common three-semester curriculum for most business programs provides you with the opportunity to obtain an overview of business prior to specializing in a specific area.
- The program offers a combination of broad marketing concepts and specialized marketing skills.
- Computer training in popular business software is provided.
- Experienced marketing faculty provides individual attention and advice.
- The diploma that is earned is recognized in Canada and abroad, reflecting high standards of learning.
- All four semesters of Centennial's two-year Marketing program are identical to the first four semesters of our three-year, six-semester program. This permits graduates of Centennial's two-year Marketing program to benefit from a seamless transition into the three-year Marketing program, should they wish to continue with a more in-depth study of the field.

EDUCATIONAL PARTNERS

Qualified graduates may be eligible to participate in an articulated program with selected universities, institutes and professional associations. These partnerships allow students to apply credits earned at Centennial towards further study at other institutions.

Our Partners are:

- Athabasca University (AB)
- Royal Roads University (BC)
- University of Lethbridge (AB)
- Griffith University (Australia)
- Algoma University (ON)
- Davenport University (USA)
- University of New Brunswick

CAREER OUTLOOK

Career opportunities in the field of marketing are plentiful, as almost a third of all North Americans are employed in marketing-related positions. Opportunities exist in both small and large businesses across many industries, including:

- Financial services
- Electronics
- Food and beverage
- Not-for-profit sector
- Government

ADMISSION REQUIREMENTS

ELIGIBILITY

- Ontario Secondary School Diploma (OSSD) or equivalent, or mature student status (19 years or older).

ACADEMIC REQUIREMENTS

- English Grade 12 C or U or equivalent, or skills assessment.
- Math Grade 11 C, M or U, or Grade 12 C or U or equivalent or skills assessment

PROGRAM OUTLINE

Semester 1

COMM-160/161	College Communications 1
BUSN-119	Fundamentals of Business
MATH-106	Mathematics of Finance
COMP-106	Microcomputer Applications Software 1
BUSN-110	Strategies for Business Success

Semester 2

ACCT-112	Financial Accounting 1
BUSN-129	Business Operations
COMM-170/171	College Communications 2
GNED-500	Global Citizenship: From Social Analysis to Social Action
COMP-126	Microcomputer Applications Software 2

Semester 3

BUSN-333	Business Communications
BUSN-210	Career Exploration
GNED	General Education Elective
HRMT-301	Human Resource Management
INTL-220	International Business Concepts
MKTG-116	Principles of Marketing

Semester 4

BUSN-226	Business Analysis
BUSN-310	Career Action
GNED	General Education Elective
MKTG-331	Marketing Communications
MKTG-221	Practical Applications in Marketing
MKTG-223	Professional Selling

Note: Students will be placed in the appropriate English and math levels based on skills assessment results. This may lead to additional courses and require extra time and fees.

At A Glance

Graduates are prepared for careers as:

- Sales representatives
- Customer service representatives
- Product support representatives
- Merchandising assistants

Business – Operations

Program Code: 2506

Program Length: 2 years/4 semesters

Credential: Ontario College Diploma

Start: Fall, Winter, Summer

Campus: Progress

business@centennialcollege.ca

416-289-5000, ext. 2280

Program Overview

Business operation is the primary business function that creates products and services offered by an organization to satisfy its customers' needs. This program prepares you for many job opportunities in the areas of operations planning and scheduling, purchasing, logistics, supply chain management, quality, productivity improvement, direct labour supervision and other key operations responsibilities.

You will acquire the skills to succeed in an operations career in any business that provides goods or service. Practices are taught through hands-on projects and assignments that simulate those undertaken in actual business settings.

Centennial's Business – Operations program includes courses in analyzing business processes to improve productivity, developing and implementing quality management programs, applying team approach principles to analyze operations problems and developing solutions as well as enhancing the performance of the firm's supply chain.

GLOBAL CITIZENSHIP AND EQUITY PORTFOLIO

Students in this program will develop a portfolio documenting their engagement with the College's signature global citizenship and equity competencies. For more information on Global Citizenship and Equity, the GC&E Portfolio and the supports available to you, please see page i.

BENEFITS

PROGRAM HIGHLIGHTS

- A common first three semesters for most Centennial business programs give you a good industry overview before specialization
- The diploma that is earned is recognized in Canada and abroad, reflecting high standards of learning

EDUCATIONAL PARTNERS

Qualified graduates may be eligible to participate in an articulated program with selected universities, institutes and professional associations. These partnerships allow graduates to apply academic credit towards further study.

Our partners are:

- Algoma University (ON)
- Davenport University (USA)
- Royal Roads University (BC)
- University of New Brunswick

PROFESSIONAL ASSOCIATIONS

- Canadian Association for Production and Inventory Control
- SAP University Alliance
- Canadian Supply Chain Sector Council

At A Glance

Graduates are prepared to work as:

- Quality control technicians
- Inventory analysts
- Buyers
- Planning and scheduling coordinators
- Logistics coordinators

ADMISSION REQUIREMENTS

ELIGIBILITY

- Ontario Secondary School Diploma (OSSD) or equivalent, or mature student status (19 years or older).

ACADEMIC REQUIREMENTS:

- English Grade 12 C or U or equivalent, or skills assessment.
- Math Grade 11 C, M or U, or Grade 12 C or U or equivalent or skills assessment

PROGRAM OUTLINE

Semester 1

COMM-160/161	College Communications 1
BUSN-119	Fundamentals of Business
MATH-106	Mathematics of Finance
COMP-106	Microcomputer Applications Software 1
BUSN-110	Strategies for Business Success

Semester 2

ACCT-112	Financial Accounting 1
BUSN-129	Business Operations
COMM-170/171	College Communications 2
GNED-500	Global Citizenship: From Social Analysis to Social Action
COMP-126	Microcomputer Applications Software 2

Semester 3

BUSN-333	Business Communications
BUSN-210	Career Exploration
GNED	General Education Elective
HRMT-301	Human Resource Management
INTL-220	International Business Concepts
MKTG-116	Principles of Marketing

Semester 4

BUSN-310	Career Action
ECON-302	Economics for Business & Management
GNED	General Education Elective
OMGT-226	Materials Management
OMGT-222	Productivity: Standards and Measures
OMGT-220	Purchasing and Supply Management with SAP

Note: Students will be placed in the appropriate English and math levels based on skills assessment results. This may lead to additional courses and require extra time and fees.

Business Accounting – Financial and Credit Management

Program Code: 2808 **NEW**
Program Length: 2 years/4 semesters
Credential: Ontario College Diploma
Start: Fall
Campus: Progress
business@centennialcollege.ca
416-289-5000, ext. 2280

Program Overview

Credit management professionals are responsible for overseeing the credit policies of an organization from assessing credit limits to determining risk of an applicant. They are essential to all businesses particularly banks, loan firms and credit card companies who rely on them to ensure their operations run smoothly.

Centennial's Financial and Credit Management program is delivered in partnership with the Credit Institute of Canada (CIC). The CIC is Canada's most respected credit organization, and the only body that grants official designations to Canadian credit professionals, through its Certified Credit Professional (CCP) program. The Financial and Credit Management curriculum was developed by the CIC, and signals to employers that Centennial graduates have attained the knowledge and competencies the business community is seeking.

In addition to a CIC-developed curriculum, Centennial's two-year diploma program shares a common first semester with Centennial's Accounting program, allowing students to grasp key accounting fundamentals before specializing in credit management. In the final three semesters, students gain comprehensive knowledge in credit management concepts including: financial statement analysis, securities, risk evaluation, collections, bankruptcy and credit department reporting.

BENEFITS

PROGRAM HIGHLIGHTS

- Partnership with the Credit Institute of Canada (CIC) signals to employers that graduates have attained a high standard of education
- Eligible graduates have the opportunity to enhance their overall career success by obtaining the CCP designation granted through the CIC
- Strong employment prospects and the ability to be upwardly mobile in their careers
- Graduates have the opportunity to apply their credits towards a university degree with the University of New Brunswick
- Centennial College is a proud sponsor of selected accounting students in national and province-wide competitions, including the Certified General Accountants (CGA) competition; Graduates who pursue the Credit Institute of Canada's CCP designation have access to their job placement service program

CREDIT INSTITUTE OF CANADA (CIC) PARTNERSHIP

Centennial College's Financial and Credit Management program is delivered in partnership with the Credit Institute of Canada (CIC).

Graduates of Centennial's program have the opportunity to pursue the Credit Institute of Canada's CCP designation provided they meet the following requirements:

- Obtain a CCP Education – Partially fulfilled through completion of Centennial Financial and Credit Management program;
- Have five or more years of credit work experience;
- Maintain a CIC membership;
- Participate in a Professional Development program.

CAREER OUTLOOK

Graduates of this program may work in the following areas:

- Trust Companies
- Banks
- Credit Unions
- Consumer Loan Companies
- Mortgage Investment Companies
- Credit/Collection departments within companies

Graduates are prepared for careers as:

- Credit Manager
- Collections Manager
- Credit Supervisor
- Credit Representative
- Accounts Receivable Manager
- Accounts Receivable Representative.

ADMISSION REQUIREMENTS

ELIGIBILITY

- Ontario Secondary School Diploma (OSSD) or equivalent, or mature student status (19 years or older).

ACADEMIC REQUIREMENTS:

- English Grade 12 C or U or equivalent, or skills assessment.
- Math Grade 11 C, M or U, or Grade 12 C or U or equivalent or skills assessment

PROGRAM OUTLINE

Semester 1

ACCT-112	Financial Accounting 1
COMM-160/161	College Communications 1
GNED	General Education Elective
MATH-106	Mathematics of Finance
COMP-106	Microcomputer Applications Software 1
BUSN-110	Strategies for Business Success

Semester 2

COMM-170/171	College Communications 2
CRMT-110	Credit Management 1
ACCT-221	Financial Accounting 2
GNED-500	Global Citizenship: From Social Analysis to Social Action
COMP-126	Microcomputer Applications Software 2
BUSN-225	Quantitative Methods 1

Semester 3

BUSN-210	Career Exploration
ACCT-224	Corporate Finance 1
ACCT-256	Intermediate Financial Accounting 1
ACCT-222	Management Accounting 1
ECON-104	Principles of Microeconomics
ACCT-226	Taxation 1

Semester 4

BUSN-310	Career Action
ACCT-334	Corporate Finance 2
FINA-336	Credit and Collections
CRMT-210	Credit Management 2
GNED	General Education Elective
ECON-103	Principles of Macroeconomics

Note: Students will be placed in the appropriate English and math levels based on skills assessment results. This may lead to additional courses and require extra time and fees.

At A Glance

The Financial and Credit Management program is tailored for individuals with the following traits and skills:

- Highly organized with an ability to plan and prioritize
- Comfortable dealing with numbers and computers
- Analytical with strong numeracy skills
- Strong verbal and written communication skills
- Innovative problem solvers and decision makers
- Ability to work successfully in a team environment
- Excellent interpersonal and relationship building skills

Business Administration

Program Code: 2406

2416 (co-op)

Program Length: 3 years/6 semesters (2406)

3 years/9 semesters (2416)

Credential: Ontario College

Advanced Diploma

Start: Fall, Winter, Summer

Campus: Progress

business@centennialcollege.ca

416-289-5000, ext. 2280

Program Overview

The Business Administration program is designed to provide the knowledge, skills and competencies to individuals who aspire to become front-line managers of business enterprises in all types of industries.

The program is configured to provide its graduates with a solid understanding of the macro-environment of business, the industry-specific contexts of a variety of business enterprises and the economics of particular industries. Students also learn the range of tasks and managerial practices in all the areas of business such as finance and accounting, management information systems, general management, leadership, operations management, human resources management, marketing, international business, entrepreneurship, supply chain management and project management.

Throughout the program, emphasis is placed on sound theoretical grounding, critical thinking and analysis, rigorous problem solving, effective business presentations, relevance and application to the world of business management.

The co-op component allows students to gain practical, hands-on experience, industry leaders value prior to graduation.

CO-OP

This program offers an optional co-op component. Academically-qualified students can enhance their education by working three terms as paid employees in the field. This experience not only allows you to put classroom learning into practice, but also provides valuable contacts for future careers.

GLOBAL CITIZENSHIP AND EQUITY PORTFOLIO

Students in this program will develop a portfolio documenting their engagement with the College's signature global citizenship and equity competencies. For more information on Global Citizenship and Equity, the GC&E Portfolio and the supports available to you, please see page i.

BENEFITS

PROGRAM HIGHLIGHTS

- Comprehensive coverage of all areas of business and management
- Learning based on extensive case analyses and directed research
- Technology-supported learning in and out of the classroom
- Ample opportunities to work on team projects
- Exposure to the management practices of leading companies in the world
- Opportunities to pursue further studies in business administration at the degree level at universities through articulation agreements negotiated by the School of Business
- Delivered by a team of professors with strong academic backgrounds and extensive business and management experience

EDUCATIONAL PARTNERS

Qualified graduates may be eligible to participate in an articulated program with selected universities, institutes and professional associations. These partnerships allow graduates to apply academic credit towards further study.

Our partners are:

- Ryerson University (ON)
- Algoma University (ON)
- Athabasca University (AB)
- Royal Roads University (BC)
- University of Lethbridge (AB)
- Davenport University (USA)
- University of New Brunswick

Note: Students who plan to go on to university should see their program coordinator in second semester.

CAREER OUTLOOK

Graduates are prepared for careers in:

- Personnel management
- General administration
- Sales
- Purchasing
- Accounting and finance
- General and public administration
- Small business or franchise management

ADMISSION REQUIREMENTS

ELIGIBILITY

- Ontario Secondary School Diploma (OSSD) or equivalent, or mature student status (19 years or older)

ACADEMIC REQUIREMENTS

- English Grade 12 C or U or equivalent, or skills assessment.
- Math Grade 11 C, M or U, or Grade 12 C or U or equivalent or skills assessment

CO-OP REQUIREMENTS

- Completion of employment pre-placement
- Completion of eight out of 10 courses in semesters 1 and 2
- A minimum C grade in COMM-170/171
- A GPA of 2.5 or greater

PROGRAM OUTLINE

Semester 1

COMM-160/161	College Communications 1
BUSN-119	Fundamentals of Business
MATH-106	Mathematics of Finance
COMP-106	Microcomputer Applications Software 1
BUSN-110	Strategies for Business Success

Semester 2

ACCT-112	Financial Accounting 1
BUSN-129	Business Operations
COMM-170/171	College Communications 2
GNEC-500	Global Citizenship: From Social Analysis to Social Action
COMP-126	Microcomputer Applications Software 2

Semester 3

BUSN-333	Business Communications
BUSN-210	Career Exploration
COOP-221	Employment Preplacement (2416)
GNEC	General Education Elective
HRMT-301	Human Resource Management
INTL-220	International Business Concepts
MKTG-116	Principles of Marketing

Co-op Work Term 1 (2416)

Semester 4

ECON-302	Economics for Business & Management
GNEC	General Education Elective
ACCT-222	Management Accounting 1
MGMT-222	Management Principles
BUSN-225	Quantitative Methods 1

Co-op Work Term 2 (2416)

Semester 5

BUSN-226	Business Analysis
ACCT-224	Corporate Finance 1
MGMT-322	Management Information Systems
BUSN-221	Organizational Behaviour
ELECT-B	Professional Business Option

Co-op Work Term 3 (2416)

Semester 6

BUSN-350	Business Ethics
BUSN-332	Business Strategy
BUSN-320	Career Enhancement (2406 only)
ACCT-334	Corporate Finance 2
SMAL-331	Developing a Business Plan
ELECT-B	Professional Business Option

Note: Students will be placed in the appropriate English and math levels based on skills assessment results. This may lead to additional courses and require extra time and fees.

Business Administration – Accounting

Program Code: 2405
2415 (co-op)
Program Length: 3 years/6 semesters (2405)
3 years/9 semesters (2415)
Credential: Ontario College
Advanced Diploma
Start: Fall, Winter, Summer
Campus: Progress
business@centennialcollege.ca
416-289-5000, ext. 2280

Program Overview

The Business Administration – Accounting program provides the rigorous training that is required if you are pursuing a career in accounting. The program offers a high degree of flexibility, combined with quality courses that develop strong fundamental skills in problem solving, communications, mathematics, analysis and other business functions.

This program offers courses in financial accounting, management accounting and computers that range from training in the use of suite software to advanced accounting software and systems design. Courses in taxation auditing and corporate finance round out the available professional options.

CO-OP

Centennial also offers practical experience through its co-op option. If you meet a specific academic standard you may enhance your education by working for three terms as a paid employee in the accounting field.

GLOBAL CITIZENSHIP AND EQUITY PORTFOLIO

Students in this program will develop a portfolio documenting their engagement with the College's signature global citizenship and equity competencies. For more information on Global Citizenship and Equity, the GC&E Portfolio and the supports available to you, please see page i.

BENEFITS

PROGRAM HIGHLIGHTS

- The program prepares students with the necessary skills required for success in the business world
- Graduates of the program are well positioned for various accounting careers in the public, private and/or non-profit sector of the economy
- The program lays a strong foundation for those pursuing an accounting designation
- The School of Business is committed to student success — we offer flexibility in curriculum design.
- Most members of the Accounting faculty are professional accountants with solid industry experience
- The School of Business offers leading edge information technology infrastructure. Many classes are taught in a lab environment that is fully equipped with an integrated network of computer systems
- Students develop proficiencies with industry standard accounting software, including Simply Accounting ACCPAC, for Windows and SAP
- Options in final two semesters allow flexibility in specialization
- Graduates may be eligible for substantial transfer credits if they wish to pursue the Certified General Accountants (CGA) program designation

EDUCATIONAL PARTNERS

Qualified graduates may be eligible to participate in an articulated program with selected universities, institutes and professional associations. These partnerships allow graduates to apply academic credit towards further study.

Our partners include:

- Certified General Accountants Association of Ontario
- Algoma University (ON)
- Athabasca University (AB)
- Davenport University (USA)
- Lethbridge University (AB)
- Royal Roads University (BC)
- Ryerson University (ON)
- University of New Brunswick
- University of Windsor (ON)
- Northwood University (USA)

Note: Students who plan to go on to university should see their program advisors in second semester.

CAREER OUTLOOK

Graduates are prepared for careers in:

- Manufacturing organizations
- Merchandising organizations
- Service organizations
- The public, private and/or non-profit sector of the economy

ADMISSION REQUIREMENTS

ELIGIBILITY

- Ontario Secondary School Diploma (OSSD) or equivalent, or mature student status (19 years or older)

ACADEMIC REQUIREMENTS

- English Grade 12 C or U or equivalent, or skills assessment.
- Math Grade 11 C, M or U, or Grade 12 C or U or equivalent or skills assessment

CO-OP PLACEMENT REQUIREMENTS

- Completion of employment pre-placement
- Completion of eight out of 10 courses in semesters 1 and 2
- A minimum C grade in COMM-170/171
- A GPA of 2.5 or greater

PROGRAM OUTLINE

Semester 1

ACCT-112	Financial Accounting 1
COMM-160/161	College Communications 1
MATH-106	Mathematics of Finance
COMP-106	Microcomputer Applications Software 1
BUSN-110	Strategies for Business Success

Semester 2

COMM-170/171	College Communications 2
ACCT-221	Financial Accounting 2
GNEB-500	Global Citizenship: From Social Analysis to Social Action
COMP-126	Microcomputer Applications Software 2
BUSN-225	Quantitative Methods 1
ACCT-150	Small Business Software

Semester 3

ACCT-257	Accounting Systems 1
ENGL-253	Advanced Business Communications
BUSN-210	Career Exploration
COOP-221	Employment Preplacement
GNEB	General Education Elective
ACCT-255	Intermediate Accounting 1
ACCT-226	Taxation 1

Co-op Work Term (2415)

Semester 4

ACCT-224	Corporate Finance 1
GNEB	General Education Elective
ACCT-265	Intermediate Accounting 2
ACCT-222	Management Accounting 1
ECON-104	Principles of Microeconomics

Co-op Work Term (2415)

Semester 5

ACCT-331	Auditing 1
ACCT-334	Corporate Finance 2
ACCT-322	Management Accounting 2
OPTION	Option Course
ACCT-336	Taxation 2

Co-op Work Term (2415)

Semester 6

ACCT-332	Auditing 2
BUSN-331	Business Law
BUSN-320	Career Enhancement (2405)
ECON-103	Principles of Macroeconomics
OPTION	Option Course
OPTION	Option Course

Note: Students will be placed in the appropriate English and math levels based on skills assessment results. This may lead to additional courses and require extra time and fees.

Business Administration – Accounting (Aboriginal Stream)

Program Code: 2411 **NEW**
Program Length: 3 years/6 semesters
Credential: Ontario College
Advanced Diploma
Start: Fall, Winter, Summer
Campus: Progress
business@centennialcollege.ca
416-289-5000, ext. 2280

Program Overview

Centennial College's Business Administration-Accounting (Aboriginal Stream) provides Aboriginal students with new avenues into the business world.

This three-year program addresses the community's need for individuals with a strong accounting foundation and understanding of Aboriginal business needs. In addition to a rigorous accounting curriculum, students will undertake courses that cover key Aboriginal topics including: Aboriginal Strategy & Decisions, Aboriginal Governance and Aboriginal Challenges & Advocacy.

This program maintains a partnership with the Aboriginal Financial Officers Association of Canada (AFOA), to ensure that the course material delivered addresses Aboriginal business community needs. Graduates of this program will gain comprehensive knowledge about issues related to Aboriginal people, and learn how to integrate them into effective business practices to benefit communities locally and internationally.

GLOBAL CITIZENSHIP AND EQUITY PORTFOLIO

Students in this program will develop a portfolio documenting their engagement with the College's signature global citizenship and equity competencies. For more information on Global Citizenship and Equity, the GC&E Portfolio and the supports available to you, please see page i.

BENEFITS

PROGRAM HIGHLIGHTS

The Aboriginal Business Diploma program is an ideal career path for individuals with the following traits and skills:

- Analytical with strong numeracy skills
- Highly organized with an ability to plan and prioritize
- Thrive under pressure and ability to meet deadlines
- Strong interpersonal skills
- Innovative problem solver and decision maker
- Comfortable working within a team environment
- Open-minded and have a willingness to learn new things

CAREER OPPORTUNITIES

Upon graduation from the Aboriginal Business Diploma program, graduates can pursue a variety of careers. Here are just a few possibilities:

- Bank Teller
- Mortgage Specialist
- Bookkeeper
- Purchasing Clerk
- Insurance Broker
- Account Manager
- Accounting Clerk
- Entrepreneur

ADMISSION REQUIREMENTS

ELIGIBILITY

- Ontario Secondary School Diploma (OSSD) or equivalent, or mature student status (19 years or older)

ACADEMIC REQUIREMENTS

- English Grade 12 C or U or equivalent, or skills assessment.
- Math Grade 11 C, M or U, or Grade 12 C or U or equivalent or skills assessment

PROGRAM OUTLINE

Semester 1

ABST-101	Aboriginal Identity
ACCT-112	Financial Accounting 1
COMM-160/161	College Communications 1
MATH-106	Mathematics of Finance
COMP-106	Microcomputer Applications Software 1
BUSN-110	Strategies for Business Success

Semester 2

ACCT-221	Financial Accounting 2
ABST-121	Aboriginal Relationships
COMM-170/171	College Communications 2
GNE-500	Global Citizenship: From Social Analysis to Social Action
COMP-126	Microcomputer Applications Software 2
BUSN-225	Quantitative Methods 1

Semester 3

ABST-201	Aboriginal Governance and Sovereignty
ABST-210	Aboriginal Strategy and Decisions
ACCT-257	Accounting Systems 1
ENGL-253	Advanced Business Communications
GNE-500	General Education Elective
ACCT-256	Intermediate Financial Accounting 1
ACCT-226	Taxation 1

Semester 4

ACCT-357	Accounting Systems 2
ACCT-224	Corporate Finance 1
GNE-500	General Education Elective
ACCT-222	Management Accounting 1
ECON-104	Principles of Microeconomics
ABST-301	Values and Ethics in the Aboriginal Workplace

Semester 5

ABST-310	Aboriginal History & Developments
ACCT-331	Auditing 1
ACCT-334	Corporate Finance 2
ACCT-322	Management Accounting 2
ECON-103	Principles of Macroeconomics
ACCT-336	Taxation 2

Semester 6

ABST-221	Aboriginal Challenges and Advocacy
ABST-320	Aboriginal Human & Fiscal Issues
ACCT-332	Auditing 2
BUSN-331	Business Law
ACCT-266	Intermediate Financial Accounting 2
BUSN-325	Quantitative Methods 2

Note: Students will be placed in the appropriate English and math levels based on skills assessment results. This may lead to additional courses and require extra time and fees.

Business Administration – Business Operations Management

Program Code: 2507

2517 (co-op)

Program Length: 3 years/6 semesters (2507)
3 years/9 semesters (2517)

Credential: Ontario College
Advanced Diploma

Start: Fall, Winter, Summer

Campus: Progress

business@centennialcollege.ca

416-289-5000, ext. 2280

Program Overview

The Business Operations Management program will teach you how to run a business, effectively and efficiently. The program covers everything from purchasing and inventory management to supply chain and logistics management, operations planning, direct supervision and quality assurance. You will acquire the expertise needed to maximize productivity in these and other areas, like enterprise integration, while preparing for a career in virtually any service or goods manufacturing industry.

Hands-on learning is provided through programs that are similar to those undertaken in actual business settings. You will learn how to analyze operations processes in order to identify productivity improvements and how to apply business process re-engineering (BPR) techniques to simplify and streamline organizational processes. Also taught is the planning and designing of quality improvement programs and applying team-approach principles to effectively analyze and recommend solutions to operations problems. Another important component of this program is learning how to integrate manual and computer-based systems, like Enterprise Resource Planning (ERP) software, as they relate to supply chain management activities

CO-OP

Opportunity also exists for more hands-on experience with the optional co-op component. Academically-qualified students can enhance their education by working three terms as paid employees in their field. This experience not only allows you to put classroom learning into practice, but also provides valuable contacts for future careers.

GLOBAL CITIZENSHIP AND EQUITY PORTFOLIO

Students in this program will develop a portfolio documenting their engagement with the College's signature global citizenship and equity competencies. For more information on Global Citizenship and Equity, the GC&E Portfolio and the supports available to you, please see page i.

BENEFITS

PROGRAM HIGHLIGHTS

- Common three-semester curriculum for most business programs gives you a good business/industry overview before specialization
- Opportunity exists to complete the program in a concentrated two-and-a-half-year format with an option of one-year, paid co-op work experience
- The advanced diploma that is earned is recognized in Canada and abroad, reflecting high standards of learning
- Graduates of the program earn the highest graduating salaries in the School of Business
- Graduates obtain Certificate of Recognition in SAP, a leading ERP software

EDUCATIONAL PARTNERS

Qualified graduates may be eligible to participate in an articulated program with selected universities, institutes and professional associations. These partnerships allow graduates to apply academic credit towards further study.

Our partners are:

- Canadian Association for Production and Inventory Control
- SAP University Alliance
- Northwood University (USA)
- Canadian Supply Chain Sector Council
- Royal Roads University (BC)
- Ryerson University (ON)
- Algoma University (ON)
- University of Lethbridge (AB)
- Davenport University (USA)
- University of New Brunswick

CAREER OUTLOOK

Graduates are prepared for careers as:

- Operations Analysts
- Materials Managers
- Supply Chain Managers
- Inventory Management Analysts
- Project Planners/Schedulers

ADMISSION REQUIREMENTS

ELIGIBILITY

Ontario Secondary School Diploma (OSSD) or equivalent, or mature student status (19 years or older)

ACADEMIC REQUIREMENTS

- English Grade 12 C or U or equivalent, or skills assessment.
- Math Grade 11 C, M or U, or Grade 12 C or U or equivalent or skills assessment

CO-OP REQUIREMENTS

- Completion of employment pre-placement
- Completion of eight out of 10 courses in semesters 1 and 2
- A minimum C grade in COMM-170/171
- A GPA of 2.5 or greater

PROGRAM OUTLINE

Semester 1

COMM-160/161 College Communications 1
BUSN-119 Fundamentals of Business
MATH-106 Mathematics of Finance
COMP-106 Microcomputer Applications Software 1
BUSN-110 Strategies for Business Success

Semester 2

ACCT-112 Financial Accounting 1
BUSN-129 Business Operations
COMM-170/171 College Communications 2
GNED-500 Global Citizenship: From Social Analysis to Social Action
Microcomputer Applications Software 2

COMP-126

Semester 3

BUSN-333 Business Communications
BUSN-210 Career Exploration
COOP-221 Employment Preplacement (2517 only)
GNED General Education Elective
HRMT-301 Human Resource Management
INTL-220 International Business Concepts
MKTG-116 Principles of Marketing

Co-op Work Term (2517)

Semester 4

ECON-302 Economics for Business & Management
GNED General Education Elective
OMGT-226 Materials Management
OMGT-222 Productivity: Standards and Measures
OMGT-220 Purchasing and Supply Management with SAP

Co-op Work Term (2517)

Semester 5

BUSN-226 Business Analysis
OMGT-335 Production Planning with SAP
ELECT-B Professional Business Option
OMGT-331 Quality Assurance
OMGT-228 Supply Chain Management

Co-op Work Term (2517)

Semester 6

BUSN-350 Business Ethics
BUSN-320 Career Enhancement (2507)
OMGT-333 Integrated Logistic with SAP
ELECT-B Professional Business Option
OMGT-229 Project Management for Business
OMGT-334 Service Operations Management

Note: Students will be placed in the appropriate English and math levels based on skills assessment results. This may lead to additional courses and require extra time and fees.

Business Administration – Human Resources

Program Code: 2709

2719 (co-op)

Program Length: 3 years/6 semesters (2709)

3 years/9 semesters (2719)

Credential: Ontario College

Advanced Diploma

Start: Fall, Winter, Summer

Campus: Progress

business@centennialcollege.ca

416-289-5000, ext. 2280

Program Overview

Human Resources (HR) involves developing policies, procedures and programs to ensure that an organization has an adequate number of people with the right knowledge, skills and abilities to achieve its objectives. When HR is aligned with the strategic goals and objectives of an organization, it becomes a strategic partner in the management of the organization.

Centennial College's unique approach incorporates current trends in the strategic management of human resources, the affirmation of diversity and human rights and the promotion of positive union and management relations. You will develop expertise in all major areas of human resource management such as: human planning, recruitment, selection, orientation, employee training and development, occupational health and safety, compensation and benefits, employee relations, labour relations and human resource management systems.

The program emphasizes the ability to analyze and interpret financial and accounting information for decision-making purposes. Legal issues are covered from a proactive, rather than compliance perspective. Finally, the use of integrated human resource systems software and computer skills to manage information and support decision-making is taught.

CO-OP

This program offers an optional co-op component. Academically-qualified students can enhance their education by working three terms as paid employees in the field. This experience not only allows you to put classroom learning into practice, but also provides valuable contacts for future careers.

BENEFITS

PROGRAM HIGHLIGHTS

- Continued growth in human resources management provides exciting employment opportunities
- First three common semesters give you a good overview of business before specialization
- The option exists for a one-year, paid co-op work experience
- Microcomputer training is provided in popular business software such as Excel, Access and SAP
- The advanced diploma that is earned is recognized in Canada and abroad, reflecting high standards of learning

EDUCATIONAL PARTNERS

Qualified graduates may be eligible to participate in an articulated program with selected universities, institutes and professional associations. These partnerships allow graduates to apply academic credit towards further study.

Our partners include:

- Algoma University (ON)
- Athabasca University (AB)
- Davenport University (USA)
- Griffith University (Australia)
- Northwood University (USA)
- Royal Roads University (BC)
- Ryerson University (ON)
- University of Lethbridge (AB)

GLOBAL CITIZENSHIP AND EQUITY PORTFOLIO

Students in this program will develop a portfolio documenting their engagement with the College's signature global citizenship and equity competencies. For more information on Global Citizenship and Equity, the GC&E Portfolio and the supports available to you, please see page i.

ADMISSION REQUIREMENTS

ELIGIBILITY

- Ontario Secondary School Diploma (OSSD) or equivalent, or mature student status (19 years or older)

ACADEMIC REQUIREMENTS

- English Grade 12 C or U or equivalent, or skills assessment.
- Math Grade 11 C, M or U, or Grade 12 C or U or equivalent or skills assessment

CO-OP REQUIREMENTS

- Completion of employment pre-placement
- Completion of eight out of 10 courses in semesters 1 and 2
- A minimum C grade in COMM-170/171
- A minimum GPA of 2.5

PROGRAM OUTLINE

Semester 1

COMM-160/161 College Communications 1
BUSN-119 Fundamentals of Business
MATH-106 Mathematics of Finance
COMP-106 Microcomputer Applications Software 1
BUSN-110 Strategies for Business Success

Semester 2

ACCT-112 Financial Accounting 1
BUSN-129 Business Operations
COMM-170/171 College Communications 2
GNED-500 Global Citizenship: From Social Analysis to Social Action
COMP-126 Microcomputer Applications Software 2

Semester 3

BUSN-333 Business Communications
BUSN-210 Career Exploration
COOP-221 Employment Preplacement (2719 only)
GNED General Education Elective
HRMT-301 Human Resource Management
INTL-220 International Business Concepts
MKTG-116 Principles of Marketing

Co-op Work Term 1 (2719)

Semester 4

BUSN-226 Business Analysis
ECON-302 Economics for Business & Management
HRMT-312 Employee Training & Development
GNED General Education Elective
HRMT-318 Payroll
HRMT-302 Recruitment and Selection

Co-op Work Term 2 (2719)

Semester 5

BUSN-350 Business Ethics
HRMT-309 Human Resource Management Systems
HRMT-307 Human Resource Planning
HRMT-308 Labour Relations
HRMT-310 Occupational Health and Safety
ELECT-B Professional Business Option

Co-op Work Term 3 (2719)

Semester 6

BUSN-320 Career Enhancement (2709)
HRMT-311 Compensation and Benefits
HRMT-306 Employment Law
HRMT-317 Managerial Accounting for HRM
BUSN-221 Organizational Behaviour
ELECT-B Professional Business Option)

Notes:

1. Students will be placed in the appropriate English level based on skills assessment results
2. Students interested in pursuing a professional designation in payroll from the Canadian Payroll Association (CPA) should consult the Centennial College Continuing Education calendar for information on required courses and designation requirements. In addition to regular college tuition, students are required to become members of the CPA and are responsible for a course fee payable directly to the Canadian Payroll Association.

Business Administration – International Business

Program Code: 2409

2419 (co-op)

Program Length: 3 years/6 semesters (2409)

3 years/9 semesters (2419)

Credential: Ontario College

Advanced Diploma

Start: Fall, Winter, Summer

Campus: Progress

business@centennialcollege.ca

416-289-5000, ext. 2280

Program Overview

Through Centennial College's Business Administration – International Business program, you will acquire the knowledge necessary to take advantage of the challenges offered in a world trade environment. You will learn all the basics of business and gain specialized expertise in areas such as international trade law, finance, sales and marketing.

The program also offers hands-on experience through its industry project. This component will allow you to work in a team for a small business or major company.

CO-OP OPTION

Graduates often face the challenge of needing real work experience to attain a job. Centennial's Co-op program allows academically qualified students to enhance their education by working three terms as paid employees in the field.

By completing a co-op program, graduates signal to employers that they have attained the academic and experiential qualifications industry leaders are seeking.

GLOBAL CITIZENSHIP AND EQUITY PORTFOLIO

Students in this program will develop a portfolio documenting their engagement with the College's signature global citizenship and equity competencies. For more information on Global Citizenship and Equity, the GC&E Portfolio and the supports available to you, please see page i.

BENEFITS

PROGRAM HIGHLIGHTS

- Common first-year curriculum gives you a good industry overview before specialization
- The program may be completed in a concentrated two-and-a-half-year format
- Opportunity exists to participate in our renowned international study exchange program
- Graduates may be eligible for the Certified International Trade Professional (CITP) designation, in accordance with the process prescribed by the Forum for International Trade Training (FITT)

EDUCATIONAL PARTNERS

Qualified graduates may be eligible to participate in an articulated program with selected universities, institutes and professional associations. These partnerships allow graduates to apply academic credit towards further study.

Our partners are:

- Algoma University (ON)
- Athabasca University
- Royal Roads University
- Ryerson University
- University of Lethbridge
- Griffith University
- Davenport University
- Northwood University
- University of New Brunswick

CAREER OUTLOOK

Graduates are prepared for careers as:

- Importer/Exporters
- Customs Brokers
- Foreign Investment Analysts
- Logistics/Transportation Managers
- Commercial Bank Officers
- International Development Officers

ADMISSION REQUIREMENTS

ELIGIBILITY

- Ontario Secondary School Diploma (OSSD) or equivalent, or mature student status (19 years or older)

ACADEMIC REQUIREMENTS

- English Grade 12 C or U or equivalent, or skills assessment.
- Math Grade 11 C, M or U, or Grade 12 C or U or equivalent or skills assessment

CO-OP REQUIREMENTS

- Completion of employment pre-placement
- Completion of eight out of 10 courses in semesters 1 and 2
- A minimum C grade in COMM-170/171
- A minimum GPA of 2.5

PROGRAM OUTLINE

Semester 1

COMM-160/161 College Communications 1
BUSN-119 Fundamentals of Business
MATH-106 Mathematics of Finance
COMP-106 Microcomputer Applications Software 1
BUSN-110 Strategies for Business Success

Semester 2

ACCT-112 Financial Accounting 1
BUSN-129 Business Operations
COMM-170/171 College Communications 2
GNED-500 Global Citizenship: From Social Analysis to Social Action
COMP-126 Microcomputer Applications Software 2

Semester 3

BUSN-333 Business Communications
BUSN-210 Career Exploration
COOP-221 Employment Preplacement (2419 only)
GNED General Education Elective
HRMT-301 Human Resource Management
INTL-220 International Business Concepts
MKTG-116 Principles of Marketing

Co-op Work Term 1 (2419)

Semester 4

BUSN-226 Business Analysis
INTL-221 Customs Procedures
GNED General Education Elective
INTL-222 Global Logistics
MKTG-332 International Marketing
ELECT-B Professional Business Option

Co-op Work Term 2 (2419)

Semester 5

ECON-302 Economics for Business & Management
INTL-332 Exporting
INTL-303 International Financial Institutions and Trade Finance
ELECT-B Professional Business Option
OMGT-220 Purchasing and Supply Management with SAP
INTL-304 World Systems: History, Geopolitics & Culture

Co-op Work Term 3 (2419)

Semester 6

BUSN-350 Business Ethics
BUSN-320 Career Enhancement (2409 only)
INTL-336 Global Business Strategy
INTL-335 Importing
INTL-339 International Business Planning
INTL-334 International Trade and Commercial Law

Note: Students will be placed in the appropriate English and math levels based on skills assessment results. This may lead to additional courses and require extra time and fees.

Business Administration – Marketing

Program Code: 2403
2413 (co-op)
Program Length: 3 years/6 semesters (2403)
3 years/9 semesters (2413)
Credential: Ontario College
Advanced Diploma
Start: Fall, Winter, Summer
Campus: Progress
business@centennialcollege.ca
416-289-5000, ext. 2280

Program Overview

Centennial's three-year Marketing program offers broad-based training in business. It also offers specific training in marketing, including marketing research, marketing communications (which includes advertising and promotion), interactive marketing (which includes direct marketing, e-marketing and customer relationship management) and brand planning.

You will benefit from a dynamic and interactive environment facilitated by experienced faculty members who encourage learning through case studies, guest lectures, presentations, projects, and computer simulations and technologies. Centennial offers practical experience through its industry project component. You will work in a team on a project that is sponsored by an entrepreneurial endeavour, small business or major company.

CO-OP

Our co-op program option provides you with yet another way to gain practical experience. If you meet a specific academic standard, you may enhance your education by working for three terms as a paid employee in the marketing field. This experience will allow you to put your classroom learning into practice and provides you with valuable contacts for your future career.

GLOBAL CITIZENSHIP AND EQUITY PORTFOLIO

Students in this program will develop a portfolio documenting their engagement with the College's signature global citizenship and equity competencies. For more information on Global Citizenship and Equity, the GC&E Portfolio and the supports available to you, please see page i.

BENEFITS

PROGRAM HIGHLIGHTS

- A common first-year curriculum for most Centennial business programs provides you with the opportunity to obtain an overview of business prior to specializing in a specific area.
- You may complete the program in a concentrated two-and-a-half year format.
- Centennial students have the opportunity to obtain membership privileges with the Canadian Marketing Association (CMA).
- Centennial's university partnerships allow you to apply your Centennial credits towards a university degree.
- Centennial is a proud sponsor of selected marketing students in national and province-wide academic competitions, including the Ontario Colleges Marketing Competition (OCMC), BDC and CMA competitions.

EDUCATIONAL PARTNERS

Qualified graduates may be eligible to participate in articulated programs with selected universities, institutes and professional associations. These partnerships allow students to apply credits earned at Centennial towards further study at other institutions.

Our partners are:

- Algoma University (ON)
- Athabasca University
- Royal Roads University
- Ryerson University
- University of Lethbridge
- Griffith University
- Davenport University
- Northwood University
- University of New Brunswick

CAREER OUTLOOK

Graduates are prepared to work in many industries, including financial services, electronics, beverage, high-tech and not-for-profit or government sectors.

At A Glance

Graduates may obtain work as:

- Marketing Coordinators
- Marketing Analysts
- Promotions Assistants
- Sales Representatives
- Assistant Brand Managers
- Public Relations Assistants
- Advertising Assistants

ADMISSION REQUIREMENTS

ELIGIBILITY

- Ontario Secondary School Diploma (OSSD) or equivalent, or mature student status (19 years or older)

ACADEMIC REQUIREMENTS

- English Grade 12 C or U or equivalent, or skills assessment.
- Math Grade 11 C, M or U, or Grade 12 C or U or equivalent or skills assessment

CO-OP REQUIREMENTS

- Completion of employment pre-placement
- Completion of eight out of 10 courses in semesters 1 and 2
- A minimum C grade in COMM-170/171
- A minimum GPA of 2.5

PROGRAM OUTLINE

Semester 1

COMM-160/161	College Communications 1
BUSN-119	Fundamentals of Business
MATH-106	Mathematics of Finance
COMP-106	Microcomputer Applications Software 1
BUSN-110	Strategies for Business Success

Semester 2

BUSN-129	Business Operations
COMM-170/171	College Communications 2
ACCT-112	Financial Accounting 1
GNED-500	Global Citizenship: From Social Analysis to Social Action
COMP-126	Microcomputer Applications Software 2

Semester 3

BUSN-333	Business Communications
BUSN-210	Career Exploration
COOP-221	Employment Preplacement (2413 only)
GNED	General Education Elective
HRMT-301	Human Resource Management
INTL-220	International Business Concepts
MKTG-116	Principles of Marketing

COOP-

Co-op Work Term 1 (2413)

Semester 4

BUSN-226	Business Analysis
GNED	General Education Elective
MKTG-331	Marketing Communications
MKTG-221	Practical Applications in Marketing
MKTG-223	Professional Selling

COOP-

Co-op Work Term 2 (2413)

Semester 5

MKTG-228	Brand Management
ECON-302	Economics for Business & Management
MKTG-229	Interactive Marketing
MKTG-224	Marketing Research
ELECT-B	Professional Business Option

COOP-

Co-op Work Term 3 (3413)

Semester 6

MKTG-301	B2B Marketing & Channel Management
BUSN-350	Business Ethics
BUSN-320	Career Enhancement (2403 only)
BUSN-311	Industry Project
ELECT-B	Professional Business Option
MKTG-340	Strategic Marketing Planning

Note: Students will be placed in the appropriate English and math levels based on skills assessment results. This may lead to additional courses and require extra time and fees.

Child and Youth Worker

Program Code: 1205

Program Length: 3 years/6 semesters

Credential: Ontario College

Advanced Diploma

Start: Fall

Campus: Progress

communitystudies@centennialcollege.ca

416-289-5303

Program Overview

Professional child and youth workers enhance the growth and development of children, youth and their families within a wide range of therapeutic contexts.

Students will learn the principles, philosophies and characteristics of relational child and youth work practice such as co-creating relationships, working developmentally and understanding professional boundaries.

BENEFITS

PROGRAM HIGHLIGHTS

Graduates have demonstrated the ability to:

- Develop and maintain therapeutic relationships that promote growth and development
- Foster and utilize therapeutic environments that respect culture, promote overall well-being and facilitate positive change for children, youths and their families
- Design and implement strategies that promote client advocacy and community education to enhance psycho-social development in children, youths and their families
- Employ effective intervention strategies that meet the needs and goals of children, youths, their families and relevant others
- Form professional relationships that enhance the quality of service for children, youths and their families
- Perform ongoing self-assessment and self-care to promote awareness and enhance professional competence
- Identify and use professional development resources and activities that promote professional growth
- Communicate effectively in oral, written and nonverbal forms to enhance the quality of service

DISTINCTIVE BENEFITS FOR CENTENNIAL STUDENTS

- As a Centennial student, you will benefit from a highly supportive faculty group, which has extensive teaching and field experience and works closely with students to develop their full potential
- Centennial's CYW Program features three supervised field placements
- Curriculum is reviewed and revised annually to ensure that courses and assignments are based on current research and best practices

EDUCATIONAL PARTNERS

- Qualified graduates of this program may apply to continue their education with Ryerson University's Child and Youth Care direct-entry degree program or receive credit towards their university degree in related disciplines
- Graduates with a C+ average may apply to Vancouver Island University for direct entry into the third year of the Child & Youth Work degree program. A child protection specialization is also available for a limited number of students
- Students may apply for membership in the Ontario Association of Child & Youth Counsellors (OACYC)

CAREER OUTLOOK

There is a high demand for child and youth workers in agencies serving troubled youth and their families. Centennial's graduates are very well recognized because of their clinical focus and job readiness.

Graduates possess a diverse skill set that permits movement across multiple roles and various contexts, including residential and day treatment programs, hospitals, young offender programs, crisis centres, community-based programs and shelters.

GLOBAL CITIZENSHIP AND EQUITY PORTFOLIO

Students in this program will develop a portfolio documenting their engagement with the College's signature global citizenship and equity competencies. For more information on Global Citizenship and Equity, the GC&E Portfolio and the supports available to you, please see page i.

ADMISSION REQUIREMENTS

ELIGIBILITY

- Ontario Secondary School Diploma (OSSD) or equivalent, or mature student status (19 years or older)

ACADEMIC REQUIREMENTS

- English Grade 12 C or U (minimum grade required) or equivalent, or skills assessment.

NOTES:

1. This program is considered "highly competitive" and fills early. To be considered for the program, you should apply prior to the Ontario Colleges equal consideration date of February 1 and submit transcripts or complete skills assessments as early as possible.
2. For applicants who are currently attending high school in Ontario: please advise your school guidance department that you have applied to an Ontario College. Your midterm and final grades will be transmitted automatically to the college.
3. Attending a program admission session is highly recommended

FIELD PLACEMENT REQUIREMENTS

- Clear police check with vulnerable sector screening
 - Proof of immunization requirements
 - Standard first aid and heart saver AED(C) certification
 - A medical certificate of health to ensure freedom of communicable disease
- All the above requirements must be in effect for the entire duration of each placement

ADDITIONAL FEE REQUIREMENTS

- Textbooks and other related materials cost about \$600 a year

The qualification requirements and costs for each external accreditation, designation, certification or recognition are set by the granting body, not by Centennial College. In order to qualify for any external accreditations, designations, certifications or recognitions, students and graduates will need to follow the processes and meet the applicable requirements listed on the websites and in the materials of those external bodies.

PROGRAM OUTLINE

Semester 1

CYWP-113 Child & Adolescent Mental Health 1*
COMM-160/161 College Communications 1
CYWP-102 Counselling & Communication Skills*
CYWP-104 Developmental Issues in Childhood & Adolescence*

CYWP-112 Introduction to Child & Youth Work*
CYWP-114 Preparation for Professional Practice*
GNED-129 Principles of Psychology

Semester 2

CYWP-116 Child & Adolescent Mental Health 2*
COMM-170/171 College Communications 2
CYWP-105 Field Practicum 1*
CYWP-117 Group Dynamics: Processes & Development*
CYWP-106 Integrative Field Seminar 1*
CYWP-115 Residential Treatment & School Based Programs in CYW*

Semester 3

CYWP-212 Advocacy & Law in Children's Mental Health*
CYWP-210 Child & Adolescent Mental Health 3*
GNED-500 Global Citizenship: From Social Analysis to Social Action
CYWP-211 Introduction to the Family*
CYWP-201 Multimodal Therapies in Child & Youth Work*
CYWP-215 Professional Recording*

Semester 4

CYWP-206 Field Practicum 2*
CYWP-213 Group Dynamics: Theory & Practice*
CYWP-207 Integrative Field Seminar 2*
CYWP-214 Working with Traumatized Children & Youth*

Semester 5

CYWP-304 Advanced Counselling Skills*
CYWP-303 Child Abuse*
CYWP-311 Evidence Based Programming*
CYWP-301 Field Practicum 3 Specialized – Part 1*
CYWP-302 Integrative Field Seminar 3 – Part 1*

Semester 6

CYWP-312 Crisis Theory & Interventions*
CYWP-313 CYW Approach to Working with Families*
CYWP-306 Field Practicum 3 Specialized – Part 2*
GNED General Education Elective
CYWP-307 Integrative Field Seminar 3 – Part 2*

**minimum C grade required*

Community and Justice Services

Program Code: 1206

Program Length: 2 years/4 semesters

Credential: Ontario College Diploma

Start: Fall

Campus: Progress

communitystudies@centennialcollege.ca

416-289-5303

Program Overview

Do you want to help people and communities at risk? Are you fascinated with law and crime? Centennial's Community and Justice Services program prepares you for an exciting career in the criminal justice system and community services field, working with at-risk and hard-to-serve youth and adult populations.

Through this program, you will gain expert knowledge, skills and training to work in diverse settings that address those people who are at risk, currently incarcerated or involved with the criminal justice system and/or involved in rehabilitation programs. Emphasis is placed on prevention, intervention and rehabilitative strategies. You will also develop practical skills in communication, treatment approaches, group dynamics, program development and facilitation, case management and security skills.

GLOBAL CITIZENSHIP AND EQUITY PORTFOLIO

Students in this program will develop a portfolio documenting their engagement with the College's signature global citizenship and equity competencies. For more information on Global Citizenship and Equity, the GC&E Portfolio and the supports available to you, please see page i.

BENEFITS

PROGRAM HIGHLIGHTS

Graduates have demonstrated the ability to:

- Work and communicate in a manner consistent with professional ethics and practice a respect for self, others as well as relevant law and legislation
- Employ all relevant security techniques to ensure the protection of the public, and the security of the staff and clients in institutional, residential and community settings
- Intervene with clients, individually and in groups, to address and manage problems and to facilitate constructive behaviour change
- Observe, monitor, record and assess client behaviour accurately and respond appropriately in compliance with legal and organizational requirements

- Assist in the prevention and resolution of conflict, crisis and emergency situations using methods consistent with legal requirements and organizational policy
- Establish and maintain constructive relationships with clients, staff, professionals and the community

DISTINCTIVE BENEFITS FOR CENTENNIAL STUDENTS

- Over 400 hours of field placement in and around the GTA in jails, group homes, community centres, court houses and schools
- Professional portfolio development

EDUCATIONAL PARTNERS

Qualified graduates may be eligible to participate in an articulated program with selected universities, institutes and professional associations. These partnerships allow graduates to apply academic credit towards further study.

Our partners are:

- Athabasca University (AB) Bachelor of Professional Arts degree (Criminal Justice)
- Athabasca University (AB) Bachelor of Professional Arts degree (Human Services)
- University of Ontario Institute of Technology (UOIT) (Transfer of credits for selected programs)
- York University (ON) (Transfer of credits for selected programs)

CAREER OUTLOOK

With program emphasis on prevention, intervention and rehabilitation, graduates are extremely marketable and in demand. As a graduate, you will possess the skills and knowledge you need for a career with our at-risk populations (in the community and custodial settings), including involvement with gangs, additions, criminal activity, lack of community support and services, institutionalization, etc.

Centennial's location and connections to the field will provide you with an exceptional field placement learning experience and employment opportunities. Hands-on experience, work with diverse client groups in a variety of settings and exposure to the criminal justice and community services field will open doors into the employment market.

Organizations that have hired program graduates include:

- Correctional Services Canada
- Casatta Ltd.
- Operation Springboard
- Ministry of Community Safety and Correctional Services (including institutional settings)
- Ministry of the Attorney General (court officers & administrators)
- Ministry of Children and Youth Services
- Salvation Army
- Toronto District School Board
- Toronto Bail Program
- Kennedy House Youth Services

ADMISSION REQUIREMENTS

ELIGIBILITY

- Ontario Secondary School Diploma (OSSD) or equivalent, or mature student status (19 years or older)

ACADEMIC REQUIREMENTS

- English Grade 12 C or U (minimum grade required) or equivalent, or skills assessment.

NOTES:

1. This program is considered "highly competitive" and fills early. To be considered for the program, you should apply prior to the Ontario Colleges equal consideration date of February 1 and submit transcripts or complete skills assessments as early as possible.
2. For applicants who are currently attending high school in Ontario: please advise your school guidance department that you have applied to an Ontario College. Your midterm and final grades will be transmitted automatically to the college.
3. Attending a program admission session is highly recommended

PROGRAM OUTLINE

Semester 1

COMM-160/161	College Communications 1
GNED-144	Developmental Psychology
CJSP-109	Interpersonal Communication Skills
CJSP-101	Introduction to the Adult Criminal Justice System
CJSP-100	Personal Management 1: Preparing for Success
CJSP-105	Security Skills
CJSP-102	Youth Culture and the Law

Semester 2

CJSP-104	Applications of the Criminal Justice System: Youth & Adult
COMM-170/171	College Communications 2
CJSP-103	Criminology
CJSP-108	Field Practicum Preparation
CJSP-110	Group Process & Development
CJSP-111	Mental Health & Addictions 1: Introduction

Semester 3

CJSP-206	Building Community Partnerships
CJSP-209	Counselling Skills 1: Best Practices and Case Management
CJSP-208	Field Practicum 1
CJSP-207	Field Seminar & Ethical Issues in the Justice System
GNED-500	Global Citizenship: From Social Analysis to Social Action
CJSP-210	Mental Health & Addictions 2: Strategies & Interventions

Semester 4

COMM-180	College Communications 3
CJSP-214	Counselling Skills 2: Individual, Family & Group Work
CJSP-211	Field Practicum 2
GNED	General Education Elective
CJSP-213	Personal Management 2: Preparing for Employment/Career Profiles
CJSP-212	Profiles

Note: minimum C grade for all courses (including GNED and English).

Community Development Work

Program Code: 1230 **NEW**
Program Length: 2 years/4 semesters
Credential: Ontario College Diploma
Campus: Ashtonbee Campus
Start: Fall
sbassidj@centennialcollege.ca
416-289-5000, ext. 7721

Program Overview

Community Development (CD) is an interdisciplinary field incorporating politics, economics, research and an understanding of cultural diversity. As a form of social planning, community development practice strives to enhance the social and economic well-being of people living in various communities. Centennial College's Community Development Work program is grounded in the belief that there is no one road map to community development practice and that the community itself is "organic by nature".

GLOBAL CITIZENSHIP AND EQUITY PORTFOLIO

Students in this program will develop a portfolio documenting their engagement with the College's signature global citizenship and equity competencies. For more information on Global Citizenship and Equity, the GC&E Portfolio and the supports available to you, please see page i.

BENEFITS

PROGRAM HIGHLIGHTS

Students will develop the necessary skills to prepare them for public, private and non-profit sector careers in a wide array of positions geared at building community capacity, promoting sustainable community and managing/directing community economic development initiatives. The Community Development Work program will provide students with the opportunity to practice their acquired knowledge under the supervision of community practitioners in two separate "real world" fieldwork settings.

CAREER OUTLOOK

Careers in government, voluntary organizations, corporations, and international community settings are all examples of employment venues.

ADMISSION REQUIREMENTS

ELIGIBILITY

- Ontario Secondary School Diploma (OSSD) or equivalent, or mature student status (19 years or older)

ACADEMIC REQUIREMENTS

- English Grade 12 C or U (minimum grade required) or equivalent, or skills assessment

PROGRAM OUTLINE

Semester 1

COMM-160/161	College Communications 1
GNED-135	Social Psychology
CDEV-116	Strategic Communication
CDEV-114	Sustainable Community Development
CDEV-112	Theoretical Foundations in CD

Semester 2

COMM-170/171	College Communications 2
CDEV-214	Community Economic Development
CDEV-216	Community Engagement and Participation
CDEV-212	Foundations of Community Based Research
GNED-500	Global Citizenship: From Social Analysis to Social Action
CDEV-220	Placement Theory and Practice

Semester 3

CDEV-318	Business Basics
CDEV-312	Community Development in Action
CDEV-316	Community Development Policy
GNED	General Education Elective
CDEV-314	Global Perspectives in Community Development
CDEV-320	Placement 1 – GTA

Semester 4

CDEV-420	Placement 2 – International/Domestic
CDEV-422	Placement Seminar

Computer Engineering Technician – Embedded Networks

Program Code: 3106

Program Length: 2 years/4 semesters

Credential: Ontario College Diploma

Start: Fall, Winter

Campus: Progress

cet@centennialcollege.ca

416-289-5000, ext. 3556

Program Overview

The Computer Engineering Technician program will prepare you for a challenging career with the latest in computer engineering and networks technology. The program reflects the ever-growing innovations of the Internet embedded revolution. Embedded interfaces and protocols are typically found in automobiles, airplanes, appliances, security systems, traffic light controls, city lighting systems and other applications with sensors and actuators.

This two-year program prepares graduates for a variety of full-time jobs in the computer industry, including product development, manufacturing, service and technical sales. You will obtain an in-depth education in microcontroller programming and interfacing with Motorola 68HC11. You will be able to assist with troubleshooting, repairing, testing, measuring and documenting a variety of computer-based control systems and subsystems. Theory, hands-on lab learning and technical problem-solving are also part of education you'll receive from Centennial College.

Fast forward to the Fast-track options, page 155 and 156.

BENEFITS

PROGRAM HIGHLIGHTS

- Opportunity exists to work with a wide-range of high-tech equipment
- There is an active student chapter of Institute of Electrical and Electronic Engineers (IEEE)
- The diploma that is earned is recognized in Canada and abroad, reflecting high standards of learning

CAREER OUTLOOK

Graduates of the School of Engineering and Applied Science have been hired by:

- General Electric
- Leitch
- MSC Electronics
- Optys
- Solectron
- Telesat
- ViDix Technology Corp.

CTAB NATIONALLY ACCREDITED PROGRAM

The Computer Engineering Technician - Embedded Networks program has met the national technology accreditation requirements established by the Canadian Council of Technicians and Technologists (CCTT) and, as such, has received national accreditation status by the Canadian Technology Accreditation Board (CTAB).

RECOGNITION AS A CERTIFIED ENGINEERING TECHNICIAN



OACETT (The Ontario Association of Certified Engineering Technicians and Technologists) recognizes the Computer Engineering Technician – Embedded

Networks program as meeting all the academic requirements for certification in the Technician category.

At A Glance

Graduates from the School of Engineering Technology and Applied Science have been hired by:

- Research In Motion (RIM)
- Air Canada Simulation
- Celestica
- Enbridge Consumers Gas
- Toronto Hydro

ADMISSION REQUIREMENTS

ELIGIBILITY

- Ontario Secondary School Diploma (OSSD) or equivalent, or mature student status (19 years or older)

ACADEMIC REQUIREMENTS

- English Grade 12 C or U, or equivalent, or skills assessment.
- Math Grade 11 M or U or Grade 12 C or U, or equivalent, or skills assessment

PROGRAM OUTLINE

Semester 1

COMM-160/161	College Communications 1
EETC-116	Computer Hardware & Networks
EETC-102	Digital Electronics 1
EETC-103	Electric Circuits 1
EETC-101	Electronics Shop Practices
EETC-104	Technical Report Writing Tools in MS Office
MATH-170	Technology Mathematics 2

Semester 2

CETC-208	C/C++ Programming
COMM-170/171	College Communications 2
EETC-122	Digital Electronics 2
EETC-123	Electric Circuits 2
EETC-121	Electronics 1
GNED-212	Ethics in Technology and the Environment
MATH-180	Technology Mathematics 3

Semester 3

CETC-211	Computer Architecture
CNET-224	Data Communications
CETC-212	Database Introduction
GNED-500	Global Citizenship: From Social Analysis to Social Action
EETC-203	Measurement & Instrumentation
EETC-202	Microcontrollers 1
CETC-213	Operating Systems with Linux

Semester 4

CETC-221	Computer Engineering Electronics
CETC-222	Control Networks
EMPS-101	Employment Skills
GNED	General Education Elective
EETC-222	Microcontrollers 2
EETC-225	Quality Control & Technician Project

Note: Student will be placed in the appropriate English and math level based on skills assessment results

Computer Engineering Technology – Embedded Networks

Program Code: 3107
3117 (co-op)
Program Length: 3 years/6 semesters (3107)
3 years/9 semesters (3117)
Credential: Ontario College
Advanced Diploma
Start: Fall, Winter
Campus: Progress
cet@centennialcollege.ca
416-289-5000, ext. 3556

Program Overview

The Computer Engineering Technology program will prepare you for a challenging career with the latest in computer and embedded networks technology. The program reflects the ever-growing innovations of the embedded networks revolution. Embedded computer interfaces and protocols are typically found in automobiles, airplanes, appliances, home automation, security systems, traffic light controls and other applications with sensors and actuators.

This three-year program will prepare you for a variety of full-time jobs in the computer industry, including product design and development, manufacturing, service and technical sales. You will obtain an in-depth education in microcontroller programming and interface (with different chips like Motorola, PIC, and Atmel), real time operating system, system-on-chip using Xilinx, digital signal processing, wireless networks, data communications, database, quality assurance and industrial controls. You will be able to assist in design, troubleshoot, analyze, repair, test, measure and document a variety of computer-based control systems and subsystems.

An optimum balance between theory and hands-on labs, with technical problem-solving is incorporated into each component. You may be eligible to graduate as a technician after the first two years, and then continue in this three-year technology program.

This program's co-op component allows academically-qualified students enhance their education by working three terms as paid employees in the field. The experience not only allows you to put classroom learning into practice, but also provides valuable contacts for future careers.

Fast forward to the Fast-track options, pages 155 and 156.

BENEFITS

PROGRAM HIGHLIGHTS

- Opportunity exists for three paid co-op work terms
- You will get hands-on experience with a wide range of high-tech equipment
- There is an active student chapter of the Institute of Electrical and Electronic Engineers (IEEE)

EDUCATIONAL PARTNERS

Qualified graduates may be eligible to participate in an articulated program with selected universities. These partnerships allow graduates to apply academic credit towards further study.

Some of our educational partners are:

- Athabasca University (AB), Science degree
- Lakehead University (ON), Engineering degree

CAREER OUTLOOK

Companies hiring graduates from the School of Engineering Technology and Applied Science include:

- Air Canada Simulation
- Celestica
- Enbridge Consumers Gas
- General Electric
- Leitch Optys
- Research In Motion (RIM)
- Solectron
- Telesat
- Toronto Hydro
- ViDix Technology Corp.

CTAB NATIONALLY ACCREDITED PROGRAM

The Computer Engineering Technology - Embedded Networks program has met the national technology accreditation requirements established by the Canadian Council of Technicians and Technologists (CCTT) and, as such, has received national accreditation status by the Canadian Technology Accreditation Board (CTAB).

RECOGNITION AS A CERTIFIED ENGINEERING TECHNOLOGIST



OACETT (The Ontario Association of Certified Engineering Technicians and Technologists) recognizes the Computer Engineering Technology – Embedded Networks program as meeting all the academic requirements for certification in the Technologist category.

ADMISSION REQUIREMENTS

ELIGIBILITY

- Ontario Secondary School Diploma (OSSD) or equivalent, or mature student status (19 years or older)

ACADEMIC REQUIREMENTS

- English Grade 12 C or U, or equivalent, or skills assessment.
- Math Grade 11 M or U or Grade 12 C or U, or equivalent, or skills assessment

CO-OP REQUIREMENTS

- Minimum C grade in COMM-170/171, minimum 2.5 GPA and successfully completed 80 per cent of year 1 courses required for COOP-221

PROGRAM OUTLINE

Semester 1

COMM-160/161 College Communications 1
ETEC-116 Computer Hardware & Networks
ETEC-102 Digital Electronics 1
ETEC-103 Electric Circuits 1
ETEC-101 Electronics Shop Practices
ETEC-104 Technical Report Writing Tools in MS Office
MATH-170 Technology Mathematics 2

Semester 2

CTEC-208 C/C++ Programming
COMM-170/171 College Communications 2
ETEC-122 Digital Electronics 2
ETEC-123 Electric Circuits 2
ETEC-121 Electronics 1
GNED-212 Ethics in Technology and the Environment
MATH-180 Technology Mathematics 3

Semester 3

CTEC-211 Computer Architecture
CNET-224 Data Communications
CTEC-212 Database Introduction
COOP-221 Employment Preplacement (3117)
GNED-500 Global Citizenship: From Social Analysis to Social Action
ETEC-203 Measurement & Instrumentation
ETEC-202 Microcontrollers 1
CTEC-213 Operating Systems with Linux

COOP-222

Co-op Work Placement 1 (3117)

Semester 4

MATH-285 Calculus
CTEC-221 Computer Engineering Electronics
CTEC-222 Control Networks
GNED General Education Elective
ETEC-222 Microcontrollers 2
ETEC-225 Quality Control & Technician Project
ENGL-250 Report Writing in a Technical Environment

COOP-331

Co-op Work Placement 2 (3117)

Semester 5

CTEC-311 Data Acquisition and Interfacing
CNET-201 Network Devices
CTEC-228 Object Oriented Programming
CTEC-313 Real Time Operating Systems
CTEC-321 System-on-Chip
CNET-304 Wireless Technology

COOP-332

Co-op Work Placement 3 (3117)

Semester 6

CTEC-326 Computer Engineering Project
CTEC-312 Control Systems
CTEC-323 Database Management
CTEC-322 Digital Signal Processing
ETEC-322 Embedded Systems
CNET-301 Network Design & Test
CNET-324 Wireless Networks
EMPS-101 Employment Skills (3107)

Note: Students will be placed in the appropriate English and math level based skills assessment results.

Computer Repair and Maintenance

Program Code: 3218

Program Length: 1 year/2 semesters

Credential: Ontario College Certificate

Start: Fall, Winter

Campus: Progress

csnt@centennialcollege.ca

416-289-5000, ext. 3556

Program Overview

With more and more microcomputer-based systems entering the marketplace, there is a need for people who can link their computer hardware expertise to the general needs of business. This concise program prepares you to step into that role by combining a broad range of computer-related courses with strong interpersonal skills training.

On the technical side, you'll gain a working knowledge of the various aspects of the field. You'll learn basic computer hardware theory, operating systems and application programs. You'll also get plenty of hands-on experience with installing, maintaining and applying trouble-shooting techniques. On the business side, you'll learn to develop approaches for maintaining strong customer relations, providing effective technical support and improving your employability.

Upon completion, you'll have a valuable combination of technical and business abilities to start you off in the career direction of your choice.

BENEFITS

PROGRAM HIGHLIGHTS

- Graduates may be eligible to transfer into the second year of the Computer Systems Technician or Technology – Networking programs
- There is a practical approach to personal computer hardware and software installation, repair and maintenance
- Introduction is made to local and remote computer communication systems
- Opportunity exists to work with a wide range of high-tech equipment
- Emphasis is placed on both personal computer system knowledge and communication skills
- The certificate earned reflects high standards of learning
- Graduates are positioned to pursue industry's A+ Certification and Network+ program

At A Glance

Graduates of this program are employed in many business and industry settings, including:

- Personal computer support, sales and service
- Personal computer bench repair, upgrades and maintenance
- Operation and maintenance of computerized manufacturing equipment
- Consumer electronic equipment sales and service

ADMISSION REQUIREMENTS

ELIGIBILITY

- Ontario Secondary School Diploma (OSSD) or equivalent, or mature student status (19 years or older)

ACADEMIC REQUIREMENTS

- English Grade 12 C or U, or equivalent, or skills assessment.
- Math Grade 11 M or U or Grade 12 C or U, or equivalent, or skills assessment

PROGRAM OUTLINE

Semester 1

COMM-160/161	College Communications 1
GNED	General Education Elective
CNET-204	Introduction to Web Design
CNET-101	PC Hardware
CNET-102	PC Operating Systems
CNET-104	Technical Writing with MS Office 2007 and Visio

Semester 2

COMM-170/171	College Communications 2
CNET-290	CRAM Project
CNET-205	Customer Skills
ETEC-109	Electricity for Computer Systems
EMPS-101	Employment Skills
GNED-212	Ethics in Technology and the Environment
CNET-124	Network Technologies
CNET-202	Windows Server Operating System

Note: Most of these courses in this program are equivalent to the first and second semesters of Computer Systems and Networks Technician/Technology (codes 3404/3405/3415) programs. Graduates may bridge into the Computer Systems and Networks Technician/Technology programs.

Computer Systems Technician – Networking

Program Code: 3404

Program Length: 2 years/4 semesters

Credential: Ontario College Diploma

Start: Fall, Winter

Campus: Progress

csnt@centennialcollege.ca

416-289-5000, ext. 3556

Program Overview

Centennial's popular Computer Systems Technician – Networking program allows flexibility and gets you out into the job market sooner. This two-year program incorporates the latest in computer systems and network technology, to reflect the ever-growing innovations of the digital revolution.

You will be one of the 100 yearly graduates who find their jobs in technical support from the growing mesh of Internet, intranet, extranet and telecom networks. You will go inside PC hardware and into the details of operating systems to have full human control of the computing and communicating technology. You will put together and maintain systems that will empower users in their creative, business and communication activities.

FAST TRACK

Qualified college or university graduates with a background in networks gain direct admission into semester three of this two-year program and receive their Computer Systems Technician – Networking diploma in two semesters. (Program 3424)

Fast forward to the Fast-track options, page 157.

BENEFITS

PROGRAM HIGHLIGHTS

- Strong focus is placed on hands-on labs and technical problem-solving
- After graduating, eligible students may transfer to the three-year technology advanced diploma

CAREER OUTLOOK

Graduates of this program are prepared to work as:

- Computer systems technicians
- Field service representatives
- Network technicians
- Network technical support specialists
- Help Desk support
- Technical support

Companies that have hired graduates of this program include:

- StorageTek
- Toronto Hydro
- Transport Canada

CTAB NATIONALLY ACCREDITED PROGRAM

The Computer Systems Technician – Networking program has met the national technology accreditation requirements established by the Canadian Council of Technicians and Technologists (CCTT) and, as such, has received national accreditation status by the Canadian Technology Accreditation Board (CTAB).

RECOGNITION AS A CERTIFIED ENGINEERING TECHNICIAN/TECHNOLOGIST



The Ontario Association of Certified Engineering Technicians and Technologists (OACETT) recognizes the Computer Systems Technician – Networking program

as meeting all the academic requirements for certification in the Technician category.

At A Glance

Companies that have hired graduates of this program include:

- StorageTek
- Toronto Hydro
- Transport Canada

ADMISSION REQUIREMENTS

ELIGIBILITY

- Ontario Secondary School Diploma (OSSD) or equivalent, or mature student status (19 years or older)

ACADEMIC REQUIREMENTS

- English Grade 12 C or U, or equivalent, or skills assessment.
- Math Grade 11 M or U or Grade 12 C or U, or equivalent, or skills assessment

PROGRAM OUTLINE

Semester 1

COMM-160/161	College Communications 1
GNED-212	Ethics in Technology and the Environment
CNET-204	Introduction to Web Design
MATH-149	Mathematics for Computer Systems 1
CNET-101	PC Hardware
CNET-102	PC Operating Systems
CNET-104	Technical Writing with MS Office 2007 and Visio

Semester 2

COMM-170/171	College Communications 2
CNET-205	Customer Skills
EETEC-109	Electricity for Computer Systems
CNET-206	Introduction to Unix/Linux
MATH-169	Mathematics for Computer Systems 2
CNET-124	Network Technologies
CNET-202	Windows Server Operating System

Semester 3

EETEC-129	Electrical Aspects of Network Cabling
GNED-500	Global Citizenship: From Social Analysis to Social Action
CNET-225	Introduction to Telephony
MATH-269	Mathematics for Computer Systems 3
CNET-201	Network Devices
CNET-222	Network Services
ENGL-250	Report Writing in a Technical Environment

Semester 4

CNET-224	Data Communications
EMPS-101	Employment Skills
GNED	General Education Elective
CNET-229	Introduction to Business and ICT
CNET-221	Network Security
CNET-223	Network Support
CNET-311	Routing & Switching
CNET-227	Technician Project

Note: Students will be placed in the appropriate English level based on skills assessment results.

Computer Systems Technology – Networking

Program Code: 3405

3415 (co-op)

Program Length: 3 years/6 semesters (3405)

3 years/9 semesters (3415)

Credential: Ontario College

Advanced Diploma

Start: Fall, Winter

Campus: Progress

csnt@centennialcollege.ca

416-289-5000, ext. 3556

Program Overview

Centennial's Computer Systems Technology – Networking program incorporates the latest in computer systems and networks technology. The program will reflect the ever-growing innovations of the digital revolution.

You will be one of the 100 yearly graduates who find jobs in technical support for the growing mesh of Internet, intranet, extranet and telecom networks.

You will go inside PC hardware and learn about operating systems, and configure and troubleshoot wired or wireless networks in order to have full control of the computing and communicating technology. You will put together and maintain systems that will empower users in their creative, business and communication activities.

Academically qualified students enhance their education by working three terms as paid employees in the field. The experience not only allows you to put classroom learning into practice, but also provides valuable contacts for future careers.

FAST TRACK

Qualified college or university graduates with a background in networks gain direct admission into semester three of this three-year program and receive their Computer Systems Technology – Networking Co-op advanced diploma in four semesters plus two work terms. (Program 3435)

Fast forward to the Fast-track options, page 158.

At A Glance

Companies that have hired graduates include:

- AIM Funds Management Inc.
- Canada Life
- Celestica
- CIBC
- Mellon Trust

BENEFITS

PROGRAM HIGHLIGHTS

- A strong focus is placed on hands-on labs and technical problem-solving
- Exit points are available to qualified students after one year (certificate) and two years (technician diploma)
- Graduates are positioned to pursue industry standard certifications such as Comptia A+, Net+, iNet, Cisco CCNA, Novell CNE, Microsoft Win2000 Professional and Server
- Hands-on experience is gained with the latest equipment and techniques for copper/fiber cabling certification and network troubleshooting

CAREER OUTLOOK

Graduates of this program are prepared to work as:

- Computer systems technologists
- Field service representatives
- Network technologists
- Network technical support specialists
- Help desk support
- LAN support
- LAN administrators

Companies that have hired graduates of this program include:

- Enbridge Consumers Gas
- StorageTek
- Toronto Hydro
- Transport Canada

CTAB NATIONALLY ACCREDITED PROGRAM

The Computer Systems Technology – Networking program has met the national technology accreditation requirements established by the Canadian Council of Technicians and Technologists (CCTT) and, as such, has received national accreditation status by the Canadian Technology Accreditation Board (CTAB).

RECOGNITION AS A CERTIFIED ENGINEERING TECHNICIAN/TECHNOLOGIST

The Ontario Association of Certified Engineering Technicians and Technologists (OACETT) recognizes the Computer Systems Technology – Networking program as meeting all the academic requirements for certification in the Technologist category.

ADMISSION REQUIREMENTS

ELIGIBILITY

- Ontario Secondary School Diploma (OSSD) or equivalent, or mature student status (19 years or older)

ACADEMIC REQUIREMENTS

- English Grade 12 C or U, or equivalent, or skills assessment.
- Math Grade 11 M or U or Grade 12 C or U, or equivalent, or skills assessment.

CO-OP REQUIREMENTS

- Minimum C grade in COMM-170/171
- Minimum 2.5 GPA
- 80 per cent of first year courses required for COOP-221

The qualification requirements and costs for each external accreditation, designation, certification or recognition are set by the granting body, not by Centennial College. In order to qualify for any external accreditations, designations, certifications or recognitions, students and graduates will need to follow the processes and meet the applicable requirements listed on the websites and in the materials of those external bodies.

PROGRAM OUTLINE

Semester 1

COMM-160/161	College Communications 1
GNED-212	Ethics in Technology and the Environment
CNET-204	Introduction to Web Design
MATH-149	Mathematics for Computer Systems 1
CNET-101	PC Hardware
CNET-102	PC Operating Systems
CNET-104	Technical Writing with MS Office 2007 and Visio

Semester 2

COMM-170/171	College Communications 2
CNET-205	Customer Skills
ETEC-109	Electricity for Computer Systems
CNET-206	Introduction to Unix/Linux
MATH-169	Mathematics for Computer Systems 2
CNET-124	Network Technologies
CNET-202	Windows Server Operating System

Semester 3

ETEC-129	Electrical Aspects of Network Cabling
COOP-221	Employment Preplacement
GNED-500	Global Citizenship: From Social Analysis to Social Action
CNET-225	Introduction to Telephony
MATH-269	Mathematics for Computer Systems 3
CNET-201	Network Devices
CNET-222	Network Services

COOP-222

Co-op Work Placement 1 (3415)

Semester 4

CNET-224	Data Communications
GNED	General Education Elective
CNET-229	Introduction to Business and ICT
CNET-232	Introduction to Programming
CNET-221	Network Security
CNET-223	Network Support
CNET-311	Routing & Switching

COOP-331

Co-op Work Placement 2 (3415)

Semester 5

CNET-307	IT Project Management
CNET-301	Network Design & Test
ENGL-250	Report Writing in a Technical Environment
CNET-306	Unix/Linux
CNET-305	Voice & Video Over IP
CNET-231	WAN Technologies
CNET-304	Wireless Technology

COOP-332

Co-op Work Placement 3 (3415)

Semester 6

CNET-329	Business and ICT
CNET-320	Data Centre
CNET-328	Internetwork Troubleshooting
CNET-321	Network Management
CNET-323	Relational Database Management
CNET-327	Technologist project
CNET-324	Wireless Networks

Note: Students will be placed in the appropriate English level based on skills assessment results

***Minimum 2.0 GPA required for progression to Technology semesters 5 and 6 and graduation.*

Contact Centre Operations

Program Code: 2916

Program Length: 15 weeks/1 semester

Credential: Ontario College Certificate

Start: Fall, Winter, Summer

Campus: Progress

Inikolaou@centennialcollege.ca

416-289-5000, ext. 2579

Program Overview

The Contact Centre Operations program provides four months of skills-focused training, which takes place in Centennial's state-of-the-art training facility. This 15-week certificate program will prepare you for a challenging and rewarding career in contact centre operations.

The customer contact centre industry is one of the fastest growing sectors in Canada. Hundreds of exciting career opportunities are available for graduates of this program.

BENEFITS

PROGRAM HIGHLIGHTS

Students will develop the following skills

- Superior customer service skills
- Communication skills
- Computer skills to manipulate a variety of applications and databases
- Sales skills to cross-sell, up-sell and market contact centre's products and services
- Ability to listen and exchange information over the phone
- Ability to deal with emotional and difficult customers
- Multi-tasking (i.e. speaking, typing and browsing for information at the same time)
- Conflict resolution and problem-solving skills

A "Career Day" takes place at the end of each semester, where recruiters from major contact centres participate to meet and interview students.

CAREER OUTLOOK

Graduates are prepared for careers in:

- Financial institutions
- Manufacturing
- Transportation
- Health and pharmaceuticals
- Government agencies
- Telecommunications
- Arts & entertainment

ADMISSION REQUIREMENTS

ELIGIBILITY

- Ontario Secondary School Diploma (OSSD) or equivalent, or mature student status (19 years or older)

PROGRAM OUTLINE

Semester 1

CCP-101	Communication Skills
CCP-100	Computer Applications
CCP-104	Contact Centre Environment
CCP-102	Customer Service & Sales
CCP-103	Soft Skills Development

At A Glance

Graduate in 15 Weeks! Contact Centre Operations.

Graduates are prepared for careers as:

- Customer Care Representatives
- At-Home Agents
- Technical Support & Help Desk Representatives

Court Support Services

Program Code: 2470

Program Length: 1 year/2 semesters

Credential: Ontario College Certificate

Start: Fall, Winter, Summer

Campus: Progress

416-289-5000, ext. 2280

business@centennialcollege.ca

Program Overview

This program is specifically designed for individuals who wish to pursue an exciting career in a variety of legal and professional environments, including court clerk/monitor.

The role of the court clerk is multi-faceted and includes the implementation of courtroom procedures, in addition to working with judges, lawyers and other courtroom personnel.

This two-semester program provides students with the education and hands-on skills training that has been approved by the Ministry of the Attorney General.

TESTIMONIAL

"We look forward to the opportunity of working with the graduates of the Centennial College Court Support Services program."

Ali Maqbool, A/Supervisor, Court Operations, Family & Small Claims Court, Ministry of the Attorney General

BENEFITS

PROGRAM HIGHLIGHTS

Experienced faculty members who work within the court system will provide students with the legal and practical hands-on learning through:

- Small class sizes
- Newly upgraded computer labs
- Practical hands-on learning in a simulated courtroom setting
- Attendances in the family, criminal, small claims and municipal court settings
- Attendances at various tribunal hearings
- Practical, career-oriented assignments

CAREER OUTLOOK

Graduates of this program may find employment as:

- Court clerks
- Court monitors/reporters

At A Glance

Graduates of this program may find employment with:

- Official examiners
- Court reporting services
- The Ministry of the Attorney General (Ontario Court of Justice, Ontario Superior Court of Justice)
- Municipal Courts
- Tribunals and boards

ADMISSION REQUIREMENTS

ELIGIBILITY

- Ontario Secondary School Diploma (OSSD) or equivalent, or mature student status (19 years or older)

ACADEMIC REQUIREMENTS

- English Grade 12 C or U or equivalent, or skills assessment.

PROGRAM OUTLINE

Semester 1

CTSS-103	Court Clerk – Family 1
CTSS-101	Court Clerk Criminal – OCJ
CTSS-104	Court Monitor 1
GNED-107	Current Issues in Canadian Law
CTSS-109	Ethics and Professional Conduct
OAGN-115	Introduction to Word Processing
CTSS-106	Practicum 1

Semester 2

CTSS-113	Clerk/POA
CTSS-102	Communications – CTSS
CTSS-111	Court Clerk – Family II
CTSS-108	Court Clerk Criminal – OCJ/YCJ
CTSS-112	Court Monitor 2
CTSS-107	Court Registrar – SCJ – Civil/Criminal
CTSS-114	Practicum 2
OAGN-116	Word Processing Applications

Note: Applicants are advised that the Ministry of the Attorney General and some other employers require a criminal reference clearance to be considered for employment.

Developmental Services Worker

Program Code: 1207

Program Length: 2 years/4 semesters

Credential: Ontario College Diploma

Start: Fall

Campus: Ashtonbee

communitystudies@centennialcollege.ca

416-289-5303

Program Overview

Developmental services workers (DSWs) support individuals who have intellectual disabilities in their homes, at work and school, and in leisure roles in the community. DSWs are called upon to help to build natural community supports, networks and valued social roles for individuals with intellectual disabilities.

Centennial's program is highly regarded by established professionals, graduates, families and agencies. The program curriculum reflects current issues and developments. Emphasis is placed on in-depth analysis and critical thinking, managing and affecting change, interpersonal communication and leadership skills as well as clarification of values. Helping people to fill valued social roles, teaching and the provision of personal support are some of the skills developed within this curriculum. A wide variety of field placement opportunities is an integral part of the program.

GLOBAL CITIZENSHIP AND EQUITY PORTFOLIO

Students in this program will develop a portfolio documenting their engagement with the College's signature global citizenship and equity competencies. For more information on Global Citizenship and Equity, the GC&E Portfolio and the supports available to you, please see page i.

At A Glance

- Course work includes: projects, seminars, community observations, Internet searches, teamwork and electronic communication
- The program contains supervised field placements in semester three (two days per week) and semester four (three days per week)
- Emphasis is placed on: understanding the nature of intellectual disabilities, personal support requirements and technique, communication and facilitation skills, critical and reflective thinking, team skills, time management and accessing resources

BENEFITS

PROGRAM HIGHLIGHTS

Graduates have demonstrated the ability to:

- Support the promotion and maintenance of health and well-being
- Promote the development of inclusive communities
- Display competent, responsible and professional behaviour and attitudes
- Identify and use personal development resources and activities that promote professional growth
- Facilitate the development of everyday skills
- Provide support with respectful and empowering approaches

DISTINCTIVE BENEFITS FOR CENTENNIAL STUDENTS

- This DSW program enables the graduate to fill a variety of work roles (i.e. educational assistant, support worker, residential support worker and employment supporter)
- The location of Centennial College enables students to access a large number of services for their field placements and for jobs upon graduation
- Faculty within the DSW program is guided by years of work in the field and by its personal relationships with people with intellectual disabilities

EDUCATIONAL PARTNERS

Qualified graduates may be eligible to participate in an articulated program with selected universities, institutes and professional associations. These partnerships allow graduates to apply academic credit towards further study.

Our partner is Ryerson University. Graduates with a B grade average or better can apply to Ryerson's two-year post-diploma degree completion program, Bachelor of Applied Arts in Disability Studies.

CAREER OUTLOOK

On a personal level, providing support services to people with developmental disabilities can be highly rewarding work. It also continues to be a very stable employment area. Graduates of this program are hired to fill a variety of work roles, including those of educational assistants, employment support workers, family supporters, integration facilitators and residential service workers.

Organizations hiring program graduates include:

- Addus
- Bloorview School
- Community Living
- Deohaeko Support Network
- Durham District School Board
- Frontier College
- Kerry's Place
- L'Arche Toronto
- New Visions
- Toronto District School Board
- Project Work
- York Region School Board

ADMISSION REQUIREMENTS

ELIGIBILITY

- Ontario Secondary School Diploma (OSSD) or equivalent, or mature student status (19 years or older)

ACADEMIC REQUIREMENTS

- English Grade 12 C or U (minimum grade required) or equivalent, or skills assessment

ADDITIONAL REQUIREMENTS

- Attending a Program Admission Session is recommended

NOTES

- Most field placement agencies may require a criminal reference check prior to student placement. Certain criminal convictions may disallow placement in these agencies and program completion may not be possible
- Any questions regarding criminal reference checks may be directed to the program contact by calling 416-289-5303

PROGRAM OUTLINE

Semester 1

COMM-160/161 College Communications 1
DSWP-114 Developing a Vision*
CS-102 Interpersonal Skills Development
DSWP-111 Introduction to Disability
GNED-135 Social Psychology
DSWP-113 Supports for Personal Health Care*
DSWP-112 Valued Social Roles*

Semester 2

DSWP-122 Building Responsive Communities*
COMM-170/171 College Communications 2
DSWP-124 Facilitation And Leadership Skills*
DSWP-126 Field Observation*
DSWP-121 Health Promotion And Personal Well-Being*
DSWP-123 History of Disability*
DSWP-107 Pharmacology**
DSWP-125 Preparation for Practice*

Semester 3

DSWP-218 Field Placement 1*
DSWP-217 Field Seminar 1*
GNED-500 Global Citizenship: From Social Analysis to Social Action
DSWP-216 Readings in Disability*
ENGL-206 Report Presentation for Community Service Workers
DSWP-215 Teaching Skills*

Semester 4

DSWP-226 Disabilities Issues: Analysis and Research*
DSWP-228 Field Placement 2*
DSWP-227 Field Seminar 2*
GNED General Education Elective
DSWP-225 Policy and Social Welfare Systems

* minimum C grade required

**minimum B grade required

Digital Animation

Program Code: 6423

Program Length: 2 years/4 semesters

Credential: Ontario College Diploma

Start: Fall, Winter

Campus: The Centre for

Creative Communications

thecentre@centennialcollege.ca

416-289-5000, ext. 5100

Program Overview

Since 1996, Centennial's Digital Animation program has launched the film and television careers of hundreds of talented digital artists. This intensive and internationally recognized program gets you job-ready in 16 consecutive months. It is focused on production-style training and develops new skills for careers in:

- Film
- Television
- Broadcast design
- Game

BENEFITS

PROGRAM HIGHLIGHTS

The Digital Animation program features:

- A unique project-based learning experience that is well recognized within the animation and visual effects industry
- An outstanding graduate hiring rate
- 24/7 lab access and dedicated workstations
- Small class sizes (maximum of 15 students per class)
- One-on-one instruction from industry professionals, who collectively offer more than 1,000 hours of instruction
- Assistance in producing demo reels to showcase your abilities to potential employers
- Life drawing, acting for animation and storyboard training
- Industry field placement* opportunity
- An active alumni network with the opportunity to build your own list of industry contacts
- Opportunities to hear guest speakers and participate in workshops and company tours
- Hands-on training provided will give you the edge you need to launch your career

* Industry field placements are unpaid internships, typically lasting for eight weeks, and provide valuable on-the-job training and industry contacts. A list of Toronto studios accepting interns will be provided to all students. Students, seeking industry field placement opportunities, must make direct contact with animation studios. Life drawing, acting for animation and storyboard training

CAREER OUTLOOK

Digital animation is a dynamic and growing industry that offers many opportunities for graduates, both in Canada and abroad. Graduates of our program find work animating and creating visual effects for feature films, television shows and interactive games.

Past graduates of the Digital Animation program, are currently working as:

- 3D character animators
- Lighters
- Modelers
- Riggers
- Level designers for games
- Texture artists
- Technical directors
- Compositors
- Visual effects supervisors

At A Glance

Successful graduates have worked on the following films, TV shows and video games, among others:

- Fantastic 4
- Fight Club
- Final Fantasy
- Full Auto (Xbox 360)
- Happily N'Ever After
- Harry Potter
- Lord of the Rings
- Monster by Mistake
- Monster Federation (PC)
- Over the Hedge
- Panic Room
- Pariah (PS2)
- Pryzm: Legend of the Dark Unicorn (PS2)
- Robots
- Shark Tale
- Strike Fighters: Project 1 (PC)
- Stuart Little
- The Matrix
- The Warriors (PS2)
- V for Vendetta
- Wings over Vietnam (PC)

GLOBAL CITIZENSHIP AND EQUITY PORTFOLIO

Students in this program will develop a portfolio documenting their engagement with the College's signature global citizenship and equity competencies. For more information on Global Citizenship and Equity, the GC&E Portfolio and the supports available to you, please see page i.

"At Centennial College's Digital Animation program, I found an amazing top level educational and training program. My instructors are state-of-the-art professionals working and creating the coolest CG, animated series and video games in Canada. They taught what I'd need to know as a working professional in the industry, and today I'm already part of a great and successful team of digital media producers. "

Bruno Amezcua

ADMISSION REQUIREMENTS

ELIGIBILITY

- Ontario Secondary School Diploma (OSSD) or equivalent, or mature student status (19 years or older)

ACADEMIC REQUIREMENTS

- English Grade 12 C or U (minimum grade required) or equivalent, or skills assessment

ADDITIONAL REQUIREMENTS

Attend a mandatory program admission session where you will:

- Submit a portfolio of art work; 10-15 pieces of your best work from the following categories: figure drawings, colour work, perspective, sketchbooks, digital artwork
- Portfolio pieces from these categories are optional: sculpture, printmaking, photography, creative writing, music compositions, film, animation or performance art.

Note: Ask us about distance testing.

NOTE

Your work should show your curiosity about the way things look and move around you. Animation is a means of creative expression, so your portfolio should demonstrate your ability to generate ideas.

PROGRAM OUTLINE

Semester 1

ANIM-010	Animation Fundamentals*
ANIM-015	Animation Theory*
ANIM-012	Broadcast Production*
ANIM-014	Character Design*
COMM-160/161	College Communications 1
ANIM-016	Compositing 1*
CO-109	Drawing for 3D Modeling and Animation
ANIM-013	Intro to Maya*
GNED-173	Social History of Design

Semester 2

ANIM-021	3D Character Animation*
COMM-170/171	College Communications 2
GNED-500	Global Citizenship: From Social Analysis to Social Action
ANIM-022	Matte Painting*
ANIM-020	Modeling and Rigging*
ANIM-023	Sculpting and Acting for Animation*
ANIM-024	Short Film Concept Development

Semester 3

ANIM-034	Dynamics*
GNED	General Education Elective
CO-428	Integrated Media
ANIM-033	Rendering and Lighting*
ANIM-030	Short Film Production*
ANIM-032	Tracking and Roto*
ANIM-031	VFX Compositing*

Semester 4

ANIM-222	Field Placement*
ANIM-040	Final Project Studio*
ANIM-041	Scripting*

*minimum C grade required (60 per cent).

Note: Students will be placed in the appropriate English level based on skills assessment results. ENG-160/161 is mandatory for students who test below 170/171 level.