

Cegep Career Programs versus trade schools

Students sometimes wonder if studying in a trade school at the high school level would not be better than going to Cegep for three years. But Cegep Career Programs and trade schools are very different. The prospects for advancement and career choices for trade school graduates are limited, whereas, Career Program graduates are not only on the fast track for salary raises and advancement through a company, but are prepared for university if they choose to pursue their studies further.

+ Graduates of **technical programs** are all **engineering-type programs** that lead to work as **designers, managers, project leaders, computer programmers, and computer designers.**

Career Programs



Career Programs are normally six semesters or three years in length. There are some exceptions: the Extended Nursing Program can be completed in eight semesters or four years; and some programs offer a fast track, usually for students who have already completed a DCS or an ACS. Career Programs provide graduates with skills and fundamental knowledge to permit them to practice their profession upon graduation.

Career Programs are a great choice for young women!

Career programs are very interesting career options for women who have an interest in science. The employment possibilities for women are highly favorable since engineering firms are always looking to balance their work force. Graduates of technical programs such as Building Engineering Technology, Electrical Engineering, Computer Science Technology and Computer Engineering Technology – are all engineering-type programs that lead to work as designers, managers, project leaders, computer programmers, and computer designers. Young women should definitely consider the great opportunities offered by the Career Programs.

Letter of Intent (if requested)

Write a business letter addressed to the Program Coordinator explaining your interest in your program of choice, and detailing relevant interests, skills, and experiences. Work and volunteer history can be mentioned. Finish with a sentence outlining your future study and /or career goals. This letter will be part of your SRAM application. Nursing applicants can consult guidelines for writing their letter of intent at:

www.vaniercollege.qc.ca/nursing/letter-of-intent

Standing and Advancement Standards

Criteria applied each semester to determine if a student maintains eligibility to continue as a full time student in college, and/or to continue in the same program. Also refers to standards to be achieved before a student can enroll in the next semester of a program. These are unique for many programs.

Immunization Records and Testing

Registered students in Nursing and Respiratory and Anaesthesia Technology will require up-to-date immunization due to the nature of their training and internships. Animal Health students may require immunization and/or testing prior to their internship. Your Program Coordinator will inform you of the requirements once you have registered. It is strongly recommended that all students in the ECE program be up- to- date on all of their immunizations, including boosters.



Career Programs

- 64 145.A0 Animal Health Technology
- 66 221.A0 Architectural Technology
- 68 221.C0 Building Engineering Technology
- 70 410.B0 Business Administration - Accounting & Management Technology
- 72 410.D0 Business Administration - Business Management (Marketing)
- 74 Vanier College - ESG UQAM Business Management
- 76 410.F0 Business Administration - Financial Services and Insurance Technology
- 78 420.B0 Computer Science Technology: Apps, Web, Games, IoT & Ethical Hacking
- 80 243.G0 Computer Engineering Technology
- 82 322.A0 Early Childhood Education
- 84 243.D0 Electrical Engineering Technology - Automation and Controls
- 86 145.C0 Environmental & Wildlife Management
- 88 582.A1 Multimedia Integration
- 90 180.A0 Nursing
- 92 551.A0 Professional Music & Song Techniques
- 94 141.A0 Respiratory & Anaesthesia Technology
- 96 351.A1 Special Education Techniques

Graduates from the Career Programs are highly sought-after by companies

Right now, there are jobs out there that need to be filled and companies are having difficulty finding qualified personnel. Not only do Career Programs prepare you to enter the work force immediately, but Vanier also offers you fast track opportunities to those jobs through the Alternance travail-études (ATE) work-study program and to university studies through the Business Administration - Marketing DEC-BAC with ESG-UQAM. Both are definite advantages to put you on the road to a lucrative and rewarding career. Check out some of the other Career Programs that receive advance standing for their graduates going on to university and cut down on the time needed to get a Bachelor's degree.

Unique Opportunities for Students in Career Programs

Alternance travail-études (ATE) at Vanier College

What is ATE?

Short for Alternance travail-études, ATE is a study and work program that provides students pursuing technical, professional, or attestation programs with the opportunity to acquire experience and training in a relevant workplace environment. Participating students complete two paid practicums in their field over the course of their College studies.

For information about
ATE @ Vanier:

www.vaniercollege.qc.ca/ate

Work Study Program Counsellor
514.744.7500, ext. 7992
ate@vaniercollege.qc.ca





The ATE program is available in:

- Animal Health Technology
- Building Engineering Technology (BET)
- Computer Science Technology
- Electrical Engineering Technology - Automation and Controls
- Business Administration: Marketing
- Business Administration: Accounting and Management Technology

What's involved: Practicums-Internships

- Alone or with the help of the Work Study Program Counsellor, students find internships with a company
- Two practicums generally lasting 8-12 weeks each
- To be completed during the summers after 1st year & 2nd year
- PAID!

What can ATE do for You?

- Confirms and/or clarifies your program choice
- Enriches your learning process, as you apply theory to practice
- Offers you real-world experience
- Introduces you to the job market
- Networking opportunities
- Enhances your CV
- \$\$\$



AVERAGE
STARTING SALARY

19-26

\$ / HOUR

or higher depending on
the field of employment

EMPLOYMENT



And an excellent
outlook for the
future

**This is a
challenging
program
combining
a love of
animals with
a passion
for science.**

Animal Health Technology

The only AHT program offered in English in Quebec



Providing quality health care for animals involves elements of many disciplines, such as: nursing and surgical skills, diagnostic imaging, laboratory skills, animal husbandry, nutrition, pharmacology, parasitology and client service.

Upon graduation, animal health technicians become valued members of the animal health care team. Their acquired knowledge and skills benefit a wide range of animal species, including small animals (dogs and cats), laboratory animals (mice, rats, rabbits), exotic animals and farm animals.

In addition to developing an expertise in a variety of technical procedures, the animal health technician will become proficient in

the care and management of animals in a clinical, laboratory and research environment. Technicians may also assume administrative roles within their work places. It is also essential that they communicate and interact in a professional and effective manner with clients and colleagues.

In this labour-intensive, dynamic program, the theory provided in the classroom, is accompanied by a hands-on learning experience in the laboratory. Students learn from live animals and animal models, and have the opportunity to help run an on-site clinic where they assist the veterinary professors with consultation, treatments and surgery. Some of the tasks consist of taking radiographs, collecting biological samples, ana-

Admissions

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Math
CST 563-404/414

Science
ST 555 404/444 and STE 558 404 or
ATS 557 406/416 and STE 558 402
or Cegep Physical Science 105-003-RE

The following courses are highly
recommended:
Math TS/SN 406/426 or equivalent and
Chemistry 504 or equivalent.

The highly recommended courses
listed above may be used as part of
the selection criteria.

A letter of intent is required.

Related experience is considered.
Candidates may have to participate
in an in-person interview and/or fill
out a questionnaire regarding their
interest and motivation in the program.
Candidates must make arrangements

to be available in person, for a possible
interview in March 2024.

Admissions
admissions@vaniercollege.qc.ca or
514.744.7100 or 514.744.7881

Autumn Admissions Only

Coordinator
animalhealth@vaniercollege.qc.ca or
514.744.7500 local 6001

+ Job Options

- Veterinary clinics and hospitals
- Research facilities
- Veterinary diagnostic laboratories
- Sales representatives (pet food companies, pharmaceutical companies, pet insurance, veterinary equipment and more)
- Animal shelters

Other employment opportunities:

- Government, hospitals and university laboratories
- Public hygiene departments
- Zoological and wildlife rehabilitation centres

Job Futures Québec reports the labour market outlook for graduates of this program is excellent. Emploi Québec states that in all of Québec, this occupation is amongst those most currently in demand.

The field of animal health care needs qualified, dedicated professionals.

lyzing blood, urine and fecal samples, preparing patients for surgery, monitoring anesthesia, providing dental care, counselling clients on nutrition and pet care, and maintaining the animal facility.

Students will also learn about the laboratory animals used in biomedical research, the exotic animals in the pet industry and in zoological parks, and will be introduced to care of farm animals and horses. The final semester of the program includes clinical and specialized internships.

Website

www.vaniercollege.qc.ca/animal-health-technology
for more information including Course Descriptions and Graduation and Academic Standards

This program is accredited by the Canadian Council on Animal Care (CCAC), and is the only AHT program in Quebec accredited by the Canadian Veterinary Medical Association (CMVA). The Animal Health Technology Department is an institutional member of ATSAQ (Association des Techniciennes et Techniciens en Santé Animale du Québec). Graduating students are eligible to write the VTNE (Veterinary Technician National Exam).

Students in Animal Health Technology have the option to participate in the college's work study program - Alternance travail études (A.T.E.). Full-time students in good academic standing may be eligible to join the A.T.E. program where they complete 2 paid field related stages during the summers following their first and second years. Please speak with Student Services for more detail.

Students suitable for this program demonstrate the following profile:

For graduate students that demonstrate the following profile:

- Enthusiastic about working with animals and people
- Demonstrate manual dexterity
- Comfortable in a hands-on environment
- Autonomous, responsible, effective communicators, team players
- Demonstrate professionalism
- Comfortable with a flexible schedule

This program may not be suitable for students with animal-related allergies or certain physical limitations.

+ University Studies?

Graduates applying to university should consult an Academic Advisor. This program is not a direct pathway to veterinary medicine, which typically requires a Health Science DCS.

145.A0

Program grid

Semester 1

Introduction to the AHT Profession
Companion Animal Care I
Cell Biology and Genetics for AHT
Chemistry I for AHT
Introduction to College English
Humanities
Complementary

Semester 2

Veterinary Practice Management
Companion Animal Care II
Introduction to Lab and Farm Animals
Anatomy and Physiology I for AHT
Chemistry II for AHT
English
Physical Education
French

Semester 3

Animal Nutrition Basics
Clinical Nursing for AHT
Microbiology for AHT
Anatomy and Physiology II for AHT
English and the Scientific and Technological Milieu
Physical Education
Humanities
French for Science and Technologies
Complementary

Semester 4

Parasitology for AHT
Integrative Nursing and Imaging for AHT
Lab Animals
Clinical Microbiology and Immunology for AHT
Pharmacology for AHT
English
Ethical Issues in Matters of Health and Environment
Physical Education

Semester 5

Surgical Nursing Techniques for AHT
Animal Research Methods
Care of Large and Exotic Animals
Biochemistry and Hematology for AHT
The Art of Client Services

Semester 6

Stage A: Clinical Setting
Stage B: Specialized Setting
Pathology and Histology for AHT
Veterinary Dentistry Techniques
Integrative Client Services

As part of their courses, students are responsible for facilities cleaning and maintenance and animal care during Duty Week once a semester.

AVERAGE
STARTING
SALARY

21

\$ / HOUR

based on the
OTPQ enquête
salariale
and survey
of recent
graduates.

Recognized
as a Priority
Profession
experiencing
a labour
shortage by
Quebec's
Ministry of
Labour.

All students
in this
program participate
in a two-week
internship

Architectural Technology

Combines science with the art of architecture



This dynamic profession combines hands-on technical knowledge of buildings, advanced software applications, and construction techniques with the art and aesthetic of architectural design. Job placement for our graduates is exceptionally high, as the field is recognized as a 'priority profession' experiencing a labour shortage by the Québec government. Bursaries are expected to be offered by the Ministry of Labour for students in this program.

New buildings are constantly being constructed, while existing structures are always being renovated. This creates a tremendous demand for architectural technologists to collaborate with architects, engineers, de-

signers, general contractors, developers, and other industry professionals. Students will possess both technical and design skills, understand the science of how buildings work, and be familiar with how the construction industry operates.

Students benefit from small class sizes, peer tutoring, state-of-the-art software and hardware, and individual teacher attention. Teachers include practicing architects and engineers who bring their expertise to the classroom. Instruction focuses on sustainable design practices, with teachers that are LEED certified.

Admissions

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Math

TS 564-406/426 or
SN 565-406/426 or
Cegep Math 201-016-RE

Science

ST 555-404/444 or
ATS557-406/416 or Cegep Physical
Science 105-003-RE
Science STE 558-404 or
SE 558-402
is highly recommended.

Admissions

admissions@vaniercollege.qc.ca or
514.744.7100 or 514.744.7881

Autumn Admissions Only

Coordinator

archtech@vaniercollege.qc.ca or
514.744.7500 local 6002 for more
information about the Architectural
Technology program

Website

www.vaniercollege.qc.ca/
architectural-technology
for more information including Course
Descriptions and Graduation and
Academic Standards

+ Job Options

Architectural Technologists can choose from a wide range of career opportunities related to building design and construction in both the private and public sectors. These include important supporting roles for not only architects and engineers, but also developers, owners, facility managers, contractors, product suppliers, and municipal planning offices. All of these paths can lead to more senior and managerial positions in firms. Setting up your own company or working freelance is also possible.

Graduates of this program are qualified to become members of l'ordre des technologues professionnels du Québec (OTPQ) that gives them professional recognition and certain advantages.

Field trips are an integral part of the learning process, to locations of architectural interest in and around Montreal. These include technologically-innovative buildings, green buildings, construction sites, architectural landmarks, and historic buildings. Past trips outside Montreal have included New York City, New Orleans, New Mexico, Chicago, Ottawa and Quebec City. Prominent guest speakers keep the program connected to contemporary trends in building design and techniques, including sustainable design.

Successful graduates in this program thrive on the challenge of design and construction. According to Job Futures Quebec, "Given the anticipated growth in construction and the demand for architectural services, the number of architectural technologists should increase significantly in the next few years." Graduates can enter the workforce at an established company, or become licensed by the Order of Technologists (immediately upon graduation) and start their own practice. That said, a large percentage of our graduates choose to pursue a university education in various disciplines, including architecture and engineering.

All students participate in a two-week internship where they work alongside architects, engineers, contractors and developers (among others) to gain hands-on and practical experience in the field. These internships often lead to job offers upon graduation. Students also have the possibility of doing their internship in France.

+ University Studies?

- Architecture
- Engineering
- Construction Engineering
- Landscape Architecture
- Urban Planning
- Interior Design



Program grid

Semester 1

Math for Architectural Technology
Computer Applications in Architecture
Architectural Drawing 1
Introduction to Architectural Technology
Architectural Design and Presentation 1
English
Humanities
Physical Education

Semester 2

Mechanics for Architectural Technology
Computer Aided Drawing 1
Architectural Drawing 2
Structural Systems and Materials
History of Architecture
Construction Safety and Site Preparation
English
French

Semester 3

Computer Aided Drawing 2
Project 1
Residential Construction
Design and Presentation 2
Statics and Wood Construction
Buildings Services (Small Buildings)
English
French

Semester 4

Project 2
Building Envelope
Steel and Concrete Construction
Mechanical and Electrical Services
Codes and Regulations
Computer Aided Drawing 3
English
Humanities
Complementary

Semester 5

Project 3
Interior Systems and Circulation
Building Systems Integration
Project Management
Project Manual
Building Survey
Architectural Rendering
Humanities
Physical Education

Semester 6

Internship
Renovation Techniques
Project 4
Innovative Technologies
Contract Administration and Site Review
Estimation
Complementary
Physical Education

BURSARIES

\$1500

per successfully
completed
semester for
total of \$9000

EMPLOYMENT



And a good
outlook for the
future

**Large
demand
for Building
Engineering
Technology
grads**

Building Engineering Technology



This program gives students the expertise necessary to design heating, ventilation, air conditioning and refrigeration (HVAC&R) systems in modern buildings.

Graduates are able to design and maintain those systems as well as the necessary control mechanisms, in order to have healthy, comfortable environments in all types of buildings. Students apply theory and principles of engineering to develop, operate and test the electrical, lighting, plumbing, and fire protection systems along with the HVAC&R operations of any modern building. As part of their program, students do internships with various companies, and visit large mechanical systems such as those of the Biodôme,

Complex Desjardins, Place Ville Marie or various banks.

Job placement possibilities are excellent for graduates. Students have a variety of career choices in manufacturing, contracting, building operations and in the design of commercial, institutional and industrial building systems. In addition, the General Studies component teaches students superior communication skills that can open further possibilities in areas like administration or sales. In any case, graduates earn very competitive salaries with good opportunities for advancement.

Students of this program are qualified to become members of L'ordre des technologues

Admissions

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Math

TS 564-406/426 or SN 565-406/
426 Cegep Math 201-016-RE

Science

ST 555 404/444 and STE 558 404 or
ATS 557 406/416 and STE 558 402 or
Cegep Physical Science 105-003-RE

Admissions

admissions@vaniercollege.qc.ca or
514.744.7100 or 514.744.7881

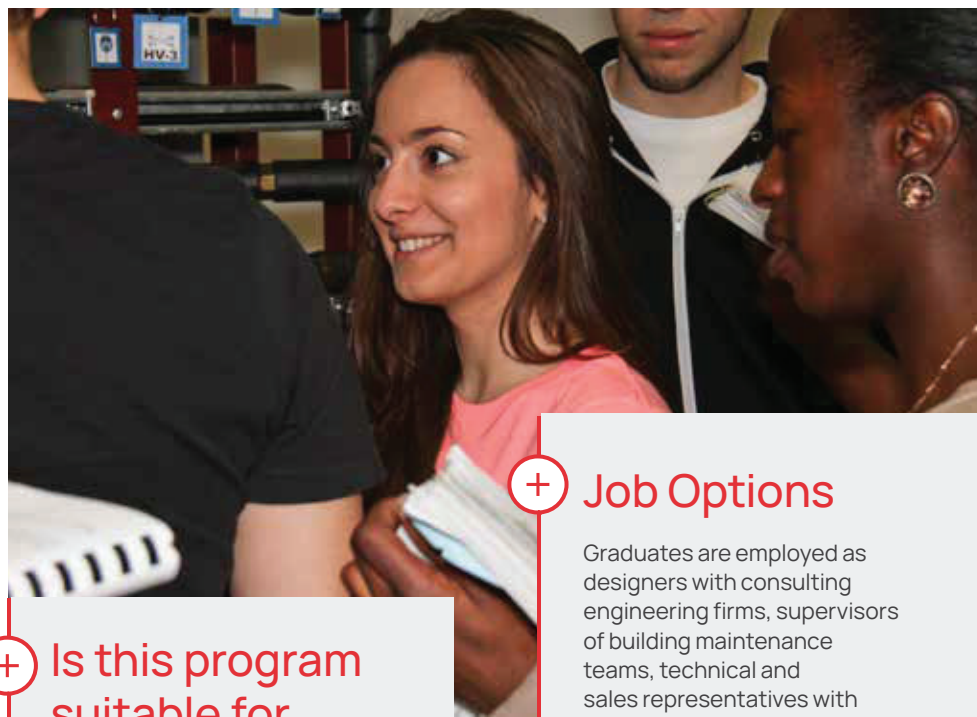
**Building Engineering
Technology accepts students for
Autumn and Winter admissions.**

Coordinator

bset@vaniercollege.qc.ca or
514.744.7500 local 6003
for more information about the
Building Engineering
Technology program

Website

www.vaniercollege.qc.ca/building-
systems
for more information including Course
Descriptions and Graduation and
Academic Standards



+ Is this program suitable for young women?

Yes, absolutely. This is a very interesting career option for women who have an interest in science. The employment possibilities for women are highly favorable since engineering firms are always looking to balance their work force. This is not a dirty greasy job. Graduates of BSET work with architects and engineers to design and manage the Heating, Ventilation and Air Conditioning systems of large buildings such as hotels, Place des Arts, Place Ville Marie etc.

professionnels du Québec (OTPD) and the American Society of Heating, Refrigerating and Air Conditioning Engineers (ASHRAE), that gives them professional recognition and certain advantages such as awards, professional contacts, and job information.

Students in Building Engineering Technology have the option to participate in the college's work study program - Alternance travail études (A.T.E.). Full-time students in good academic standing may be eligible to join the A.T.E. program where they complete 2 paid field related stages during the summers following their first and second years. Please speak with Student Services for more detail.

+ Job Options

Graduates are employed as designers with consulting engineering firms, supervisors of building maintenance teams, technical and sales representatives with manufacturers and distributors of HVAC systems, and HVAC inspectors with government and city agencies. Job Futures Quebec states: "Reflecting the strong growth rate in this occupation, the labour market is better than average for all technical program graduates, mainly because of a good rate of placement in training-related jobs and a relatively low unemployment rate." The average starting salary for graduates of this program is \$39,000 or more.

+ University Studies?

Graduates of this program have significant advantages. The General Studies component of the program opens the possibility of continuing on to university. This option is taken by approximately 20% of graduates. Graduates applying to university should consult with an Academic Advisor to know the prerequisites of the program they wish to apply to. At certain institutions Building Engineering Technology graduates may receive advanced standing.

Program grid

Semester 1

Principles of Thermodynamics
Intro. To HVAC & R
The Profession I
Construction Safety and Codes
English
French
Physical Education
Complementary

Semester 2

Applied Mathematics
Heating and Cooling Load Calculations
Principles of Fluid Mechanics
HVAC CAD I
English
French
Humanities
Physical Education

Semester 3

Elements of Calculus
Heating Systems Design
Electrical Systems I
Ventilation Systems Design
HVAC CAD II
English
Complementary

Semester 4

Mechanics and Statics
Refrigeration Systems Design
Air Conditioning Systems Design
Plumbing Systems Design
HVAC Controls I
English
Humanities
Physical Education

Semester 5

Strength of Materials
Fire Protection Systems Design
Electrical Systems II
Cost Estimation for HVAC
Installation, Operation and Maintenance
HVAC Project
Humanities

Semester 6

HVAC Controls II
Energy Conservation
HVAC Project Management
Profession II and Stage PCA *
Applied Refrigeration

In addition to passing the above courses, students must pass the Program Comprehensive Assessment. As well Students with a certificate of eligibility must write an English Exit Exam, and Non-certificate holding students must pass a French exit exam.

Business Administration

Vanier College is the only English Cegep that provides three options in Business Administration covering a range of business specializations:

Accounting and Management Technology 410.B0

Business Management (Marketing) 410.D0

Financial Services and Insurance Technology 410.F0
(Unique to Vanier in English)

UNDER REVISION

410.B0



Job Options

Graduates work in all types of organizations, small, medium to large companies, municipal, provincial and federal government departments, tax firms, accounting firms, and more. They hold positions such as; tax preparers, bookkeepers, inventory analysts, accounting technicians.

Accounting & Management Technology

Be part of a dynamic program leading to a career with many job opportunities! Graduates from this program enjoy meaningful careers in accounting and finance departments in a variety of organizations. Graduates work in mostly computerized environments, helping organizations meet their financial obligations as well as contributing to the production of vital information for decision making in organizations.

Admissions

Admission to the College is on the basis of the Quebec Secondary School Diploma (Diplôme d'études secondaires); or the Québec Diploma of Vocational Education (Diplôme d'études professionnelles) with Secondary 5 first & second languages as well as Secondary 4 Mathematics; or equivalent schooling completed outside the province.

Math

TS 564-406/426 or SN 565-406/426 or CST 563-504 or Cegep 201-016-RE and in fact, Math TS/SN 506 is recommended for 410.B0 or 410.D0 since it is the prerequisite to Calculus I.

DVS/DCS students from the Sir Wilfrid Laurier School Board Adult Education sector should ask about possible additional program requirements when applying to this program.

Admissions

admissions@vaniercollege.qc.ca or 514.744.7100 or 514.744.7881

Autumn Admissions Only

Coordinator

busadmin@vaniercollege.qc.ca or 514.744.7500 local 6004

Website

www.vaniercollege.qc.ca/business-administration
for more information including Course Descriptions and Graduation and Academic Standards



+ University opportunities

Graduates applying to university should consult with an Academic Advisor to know the prerequisites of the program they wish to apply to. At certain institutions, graduates may receive credit for courses completed at Vanier.

Vanier College has several advanced standing agreements for graduates of our Business Administration Programs who want to continue on to university. These include advanced standing at Concordia University's John Molson School of Business and Bishop's University. Please consult with an Academic Advisor to find out more information and details about the requirements.

Is Accounting right for me?

If you want to help organizations make important business decisions, if you like numbers and like telling stories with numbers, this is the program for you. Our dedicated team of teachers are here to help you achieve your goals.

Above

Vanier Team First Place Winners of the 2020 Vanier College Accounting Competition. Harlyn Joy Dela Cruz, Terry Iakovou, Evelynne Taing and Markus Valois, with teacher coach Anna Schiavi.

Rich Learning Opportunities

Students in the Accounting and Management Technology program may participate in enriching experiences such as a tax clinic, case competition and travel abroad thanks to our exchange program with France and Belgium. They also enjoy an engaging learning environment both in the classroom and also in their stage placements at the end of their program that offer them a real-world, hands-on experience.

Accounting Technicians in High Demand

There is high demand in the current job market for accounting technicians and many administrative positions require accounting knowledge. The job market is fast changing as a result of technology and is becoming more analysis-based rather than data entry-based making job possibilities ever more interesting. In our program, students learn basic accounting and tax skills, but also receive a broad business education allowing them many opportunities beyond accounting departments.

Program grid

**UNDER REVISION
NEW GRID FOR 2024**

[Visit the website for details.](#)

Semester 1

Accounting I
Introduction to Business
Business Computer Application I
Business Communication & Research
Introduction to College English
French 1
Physical Activity and Health

Semester 2

Accounting II
Marketing I
Business Computer Application II
Business Law
English
Humanities
Complementary

Semester 3

Business Data Analysis
Business Economics
Human Resource Management and Supervision
Leadership and Team Management
Personal Financial Planning
Intermediate Accounting
English
Physical Activity and Health

Semester 4

Accounting by Computers I
Management
Finance
Managerial Accounting
English
French
Humanities
Physical Activities

Semester 5

Accounting by Computers II
Negotiations
Entrepreneurship
International Business
Logistics
Taxation
Humanities
Complementary

Semester 6

Internal Auditing
Project Management
Selling and Customer Service
Stage and Integration into the Workforce
Management and Information Systems
Communication d'affaires

This program graduates self-starters by developing their interpersonal skills, emotional intelligence, and networking abilities.

Business Management Marketing

UNDER REVISION



+ A.T.E.- Work Study Possibility

Students in Business Management - Marketing have the option to participate in the college's work-study program - Alternance travail études (A.T.E.). Full-time students in good academic standing may be eligible to join the A.T.E. program where they complete two paid field related stages during the summers following their first and second years. Please speak with Student Services for more details.

Graduates will gain knowledge and hands-on experience in marketing, sales and customer service, human resource management, accounting and finance, and project management. In their courses they will develop detailed business plans, marketing plans, communication strategies and advertising campaigns. In Advanced Topics in marketing, students are trained as marketing consultants and are given the opportunity to participate in the Vanier College Scotiabank National Marketing Competition, a multi-college, inter-provincial competition founded and hosted by the Vanier Business Administration department.

The marketing industry is fast-changing; and demand in the job market is for digitally savvy candidates who are adept at using multiple business software applications and social media tools to achieve business success. From the classroom to their internship, our graduates will hone their management skills, and their ability to analyze internal and external data, helping them to harness organizational resources to match market opportunities and respond to business realities. In such a dynamic learning environment, they will demonstrate a creative entrepreneurial spirit, become solution-oriented and culturally aware.

Admissions

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Math

CST 563-404/414 and in fact Math TS/SN 506 is recommended since it is the prerequisite to Calculus 1.

Admissions

admissions@vaniercollege.qc.ca or 514.744.7100 or 514.744.7881

Autumn Admissions Only

Coordinator

busadmin@vaniercollege.qc.ca or 514.744.7500 local 6004 or local 7011 for more information about the Business Administration Technology program

Website

www.vaniercollege.qc.ca/business-administration for more information including Course Descriptions and Graduation and Academic Standards

Students can spend their third semester studying in Belgium (Haute École de la Province de Liege). They can apply to study business courses (in English) in the heart of Europe in a truly global setting with classmates drawn from schools from around the world. In addition, every year approximately 15 students complete a 6-8-week internship with multinationals, small businesses and government organizations in France: Vannes, Paris, Belfort and Troyes. A truly unique opportunity to gain international work experience before graduating from Cegep.

+ Job Options

Graduates work in financial institutions, provincial and federal government departments, small and large businesses, in areas such as marketing, sales, retailing, accounting, office administration. Possible jobs upon graduating from the program include Marketing Coordinator, Social Media Coordinator, Marketing & Events Coordinator, Field Marketing Coordinator, Field Marketing Representative, Sales Representative, Marketing Associate, Marketing Assistant, Assistant Store Manager, Junior Digital Marketing Specialist, Junior Content Marketer, Junior Marketing & E-Commerce Coordinator and more.

+ Opportunities for Marketing Students

Vanier College has several advanced standing agreements for graduates of our Business Administration Programs who want to continue on to university.

These include advanced standing at Concordia University's John Molson School of Business and Bishop's University, as well as a DEC-BAC accelerated opportunity at UQAM.

Please consult with an Academic Advisor to find out more information and details about the requirements.

+ University Studies?

Graduates applying to university should consult with an Academic Advisor to know the prerequisites of the program they wish to apply to. At certain institutions, graduates may receive credit for courses completed at Vanier.



Vanier Scotiabank 2020 Marketing Competition finalists and Scotia Award winners: Vanier students Alysha Viljean, Aleesa Villaroel Hall, Raj Patel and Daniella Beltran Jimenez, with David Moscovitz, Head Coach and Assistant Coaches Stavros Athanasoulas and Megan Pepe.

410.DO

Program grid

**UNDER REVISION
NEW GRID FOR 2024**

[Visit the website for details.](#)

Semester 1

Accounting 1
Introduction to Business
Business Computer Application 1
Business Communication & Research
Introduction to College English
French 1
Physical Activity and Health

Semester 2

Accounting by Computers 1
Marketing I
Business Computer Application 2
Business Law
English
Humanities
Complementary

Semester 3

Business Data Analysis
Business Economics
Human Resource Management and Supervision
Leadership and Team Management
Personal Financial Planning
Digital Marketing
English
Physical Activity and Health

Semester 4

Retailing
Consumer Behaviour
Integrated Marketing Communications
Marketing Research
English
French
Humanities
Physical Activities

Semester 5

Management
Entrepreneurship
Sales Management and Customer Service
Advanced Topics in Marketing
Humanities
Complementary

Semester 6

International Marketing
Marketing Project Management
Negotiations
Stage and Integration into the Workforce
Social Media Marketing
Communication d'affaires

This program will enable students to obtain a DEC and BBA in just over 4 years of full-time study, instead of the six years normally required.

VANIER
CÉGEP / COLLEGE

ESG

UQÀM

Vanier College - ESG UQAM Business Management

Marketing 410.DO Accelerated DEC-BAC



Advantages of the Accelerated DEC-BAC Program

Top students can apply for a new accelerated business marketing program given jointly by Vanier College and École des sciences de la gestion at Université du Québec à Montréal (ESG UQAM).

This program will enable students to obtain their DEC in Business Management (Marketing - 410.DO) from Vanier College as well as a Bachelor in Business Administration (B.B.A.) from ESG UQAM in just over 4 years of full-time study, instead of the six years normally required to complete both programs. At Vanier, students will follow an accelerated marketing and general business curriculum for four semesters that will culminate in an

Admissions

Admission to the College is on the basis of the Quebec Secondary School Diploma (Diplôme d'études secondaires); or the Québec Diploma of Vocational Education (Diplôme d'études professionnelles) with Secondary 5 first & second languages as well as Secondary 4 Mathematics; or equivalent schooling completed outside the province.

Math

CST 563-404/414 and in fact Math TS/ SN 506 is recommended since it is the prerequisite to Calculus 1.

Admissions

admissions@vaniercollege.qc.ca or 514.744.7100 or 514.744.7881

Autumn Admissions Only

Coordinator

busadmin@vaniercollege.qc.ca or 514.744.7500 local 6004 for more information about the Business Administration Technology program

Website

www.vaniercollege.qc.ca/business-administration for more information including Course Descriptions and Graduation and Academic Standards



internship in industry, and possibly an international exchange in France. At ESG UQAM, students will have the option to select one of seven concentrations: Marketing, International Management, Finance, Management Technology, Human Resource Management, Management, or Operations Management.

Bilingualism & International Experience

At ESG, students can choose from a vast selection of courses offered in both English and French. They also have the possibility of doing a second internship at the end of their program, as well as participating in an international exchange. ESG has exchange agreements with over 160 international partners, of which 15 are among the 100 best business schools in the world.

If you are a serious and ambitious student who wants a rewarding experience that will enable you to develop superior business skills, this DEC-BAC program is for you.

To apply to the accelerated program, students need to be accepted into Vanier's Business Management 410. D0, DEC BAC option in SRAM or through a program change in the first semester. The minimum entry requirement is an 80 percent average, and students must maintain an R-score of 28 or higher over their four semesters at Vanier. As of their second semester, students will follow a modified and more intensive curriculum.

+ Application

Students need to be accepted into Vanier's Business Management 410. D0, DEC BAC option in SRAM or through a program change in the first semester. The minimum entry requirement is an 80 percent average, and students must maintain an R-score of 28 or higher over their four semesters at Vanier. As of their second semester, students will follow a modified and more intensive curriculum.

+ Job Options

Graduates work in financial institutions, provincial and federal government departments, small and large businesses, in areas such as marketing, sales, retailing, accounting, office administration, and entrepreneurship.

Program grid

Semester 1

Accounting 1
Introduction to Business
Business Computer Applications 1
Business Information and Research
English
French
Physical Education 101

Semester 2

Accounting 2
Marketing
Business Computer Applications 2
Business Law
English
Humanities (101 or 102)
French*
Humanities (101 or 102)*
Physical Education 102*
Complementary*

* students must take 2 of these courses in semester 2 AND 2 as intersession courses.

Semester 3

Business Data Analysis
Macroeconomics
Personal Finance Planning
HR Management and Supervision
Leadership and Team Management
e-Commerce and Direct Marketing
English
Physical Education

Semester 4

Marketing Research
Consumer Behaviour
Integrated Marketing Communications
Retailing
Accounting by Computers 1
Stage and Integration into Work Force
English
Physical Education 103

DEC-BAC completion

Courses required to complete the DEC taken at ESG-UQAM in Year 1 listed below.

UQAM Year 1

Développement durable et gestion
Développement des compétences transversales en gestion
International Marketing
Stratégie de Marketing
Gestion des ventes
La gestion des PME
Gestion des organisations

UQAM Year 2 +

Completion of courses towards Baccalauréat en administration.

Students gain work experience through a 4-week internship in the final semester

The Financial Services & Insurance (410.F0) program in Business Administration— is the **only program** of its kind offered by an **English CEGEP** in Quebec where the language of instruction is **primarily in English**.

Financial Services & Insurance Technology



Admissions

Admission to the College is on the basis of the Quebec Secondary School Diploma (Diplôme d'études secondaires); or the Québec Diploma of Vocational Education (Diplôme d'études professionnelles) with Secondary 5 first & second languages as well as Secondary 4 Mathematics; or equivalent schooling completed outside the province.

Math

TS/SN 506 is recommended since it is prerequisite to Calculus 1.

Autumn Admissions Only

Admissions

admissions@vaniercollege.qc.ca or 514.744.7100 or 514.744.7881

PROFICIENCY IN SPOKEN FRENCH

Professionals in the Financial Services and Insurance sectors are expected to communicate in French and English with clients in the banking, insurance and business settings served by Montreal companies and institutions. French language proficiency may be tested as a condition of admission to the program.

Coordinator

busadmin@vaniercollege.qc.ca or 514.744.7500 local 6004 for more information about the Business Administration Technology program



Program grid

Semester 1

Insurance Law, Ethics, and Professional Practice
Introduction to Business for Financial Services and Insurance
Business Communication and Research
Business Computer Applications I
Introduction to College English
French I
Complementary I

Semester 2

Business Data Analysis
Motor Vehicle Insurance
Foundations in Financial Analysis
Digital Marketing for Financial Services and Insurance
English Genres
Humanities: Knowledge
Physical Activity and Health

Semester 3

Accounting I
Personal Financial Planning for Financial Services and Insurance
Personal Damage Insurance
Business Economics
Leadership and Team Management
English Themes
Humanities: World View

Semester 4

Credit Management
Finance for Financial Services and Insurance
Insurance Sales and Customer Service
Claims: Motor Vehicle and Personal Property
English and the Business Milieu
French Block B
Physical Activity and Effectiveness

Semester 5

Life, Accident and Sickness Insurance
Commercial Damage Insurance: Direct, Indirect and Complementary Products
Tax Planning
Investment Planning
Business Ethics
Complementary 2
Physical Activity and Autonomy

Semester 6

Wealth Management
Commercial Damage Insurance: Liability
Risk Management and Underwriting
Internship and Integration into the Workforce
Claims: Commercial Property
Communications d'affaires

+ Job Options

Graduates of the three-year Financial Services and Insurance Technology program will be ready for interesting entry-level positions in financial advising, credit analysis, damage insurance customer service and sales, life insurance, risk and underwriting, and claims investigation or a furthering of their education at the university level.

*** IFSE** - Mutual funds exam
- LLQP Insurance of Persons

AMF - Damage Insurance
- Personal and Commercial
- Damage Insurance
- Claims

This program is accredited by the Autorité de Marchés Financiers (AMF) and prepares students to write professional exams required by employers in the financial services and insurance sectors.*

Throughout the program, students will take general business courses which will provide them with a strong foundation in key areas of business management including accounting, digital marketing, finance and business computing. Starting in the second semester of their first year, Financial Services and Insurance students will begin courses in their specialized discipline. These specialized courses include classes in both financial services (wealth management, investments, finance, credit management) and insurance (insurance of

persons, personal and commercial damage insurance, claims and underwriting). Before graduating from the Financial Services and Insurance program, students gain work experience through a 4-week internship in the final semester of their studies.

This program is suited for students who like working and interacting with the public, are bilingual and have a facility and interest in working with financial information. Career placement rates for graduates exceed 90% with average starting salaries of over \$40,000, and excellent prospects for career advancement.

+ University Studies?

Graduates applying to university should consult with an Academic Advisor to know the prerequisites of the program they wish to apply to.

Website

www.vaniercollege.qc.ca/business-administration
for more information including Course Descriptions and Graduation and Academic Standards

STARTING
SALARY

21-27

\$ / HOUR

840

TO

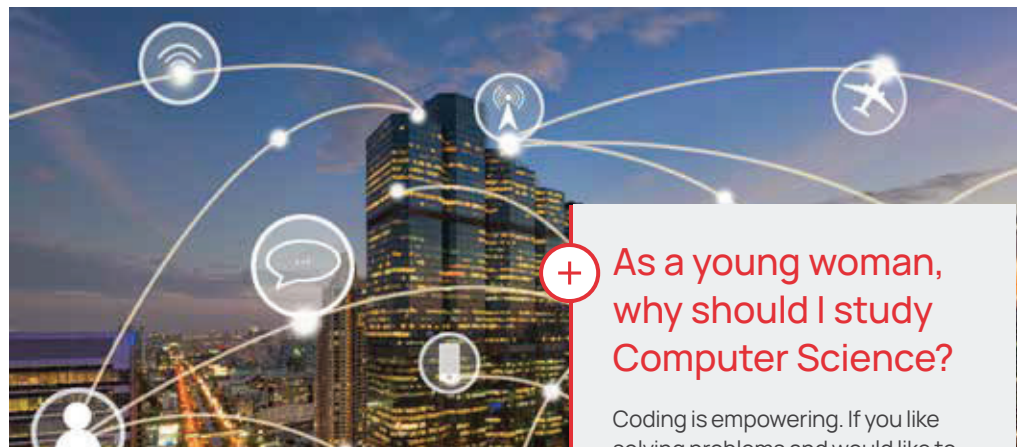
1080

\$ / WEEK

There is great demand in Montreal and across Canada, and demand is expected to increase over the next decade.

Computer Science Technology

Apps, Web, Games, IoT & Ethical Hacking



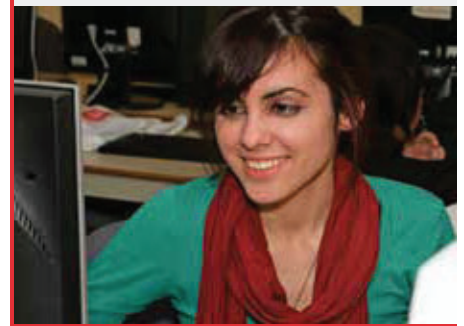
As a young woman, why should I study Computer Science?

Coding is empowering. If you like solving problems and would like to build solutions for the challenges of our times, this program might be for you! There is no lack of opportunities for women in the field. Technology companies are working hard to close the gender gap among their employees. The more diverse a development team is, the better their products will reflect the needs of a diverse pool of users.

Develop mobile apps, e-Commerce websites, and video games. Control connected objects. Understand ethical hacking.

Industry worldwide is struggling to meet a growing demand for highly qualified computer science professionals to develop and maintain their business software and infrastructure. Through the Computer Science Technology program, you will learn how to build computer applications in different environments to interface with and harness information, providing more business intelligence.

From configuring computers to building Apps for Web, mobile, gaming, and IoT platforms, you will learn to develop applications that integrate with people's everyday lives. Cyber security will be addressed throughout the program and culminate in the Ethical Hacking course in the final semester.



Admissions

Admission to the College is on the basis of the Quebec Secondary School Diploma (Diplôme d'études secondaires); or the Québec Diploma of Vocational Education (Diplôme d'études professionnelles) with Secondary 5 first & second languages as well as Secondary 4 Mathematics; or equivalent schooling completed outside the province.

Math

TS 564-406/426 or
SN 565-406/426 or CST 563-504

DVS/DCS students from the Sir Wilfrid Laurier School Board Adult Education sector should ask about possible additional program requirements when applying to Computer Science Technology

Admissions

admissions@vaniercollege.qc.ca or
514.744.7100 or 514.744.7881

Computer Science Technology accepts students for Autumn and Winter Admissions.

Coordinator

computerscience@vaniercollege.qc.ca
or 514.744.7500 local 6006 for more information

Website

www.vaniercollege.qc.ca/
computer-science-technology
for more information including Course Descriptions and Graduation and Academic Standards

In this newly revised program, you will learn how to:

- Write computer programs from simple scripts all the way to large systems developed in teams
- Work in a team, with the skills needed to integrate into demanding software development projects
- Develop data-centric Web applications such as eCommerce websites and Web APIs using industry-standard languages
- Develop mobile apps that harness the power of devices such as Android phones and tablets
- Learn Ethical Hacking skills to audit networks and programs to then make them secure
- Build Internet of Things (IoT) applications that control Internet-connected devices.
- Develop Video Games using industry-standard technology

Employment

Students in Computer Science Technology have the option to participate in the college's work-study program - Alternance travail études (A.T.E.). Full-time students in good academic standing may be eligible to join the A.T.E. program where they complete 2 paid internships during the summers following their first and second years. Please speak with Student Services for more details.

+ University Studies?

About 50% of our graduates pursue university studies. Graduates may go on to study not only in I.T. and computer science, but also in such areas as science, architecture, engineering, economics, business administration, mathematics, and statistics. Graduates applying to university should consult with an Academic Advisor to know the prerequisites of the program they wish to apply to. At certain institutions, graduates may receive credit for some of their Cegep courses thus reducing the time required to obtain a university degree.

+ Job Options

Computer Science Technology is a three-year career program that prepares you to work in business, industry, and the public sector as a software developer for websites, databases, mobile applications, IoT applications, Video Games, and general business applications. You may also work as a technical support specialist, a database administrator, cybersecurity agent, or a network administrator. Computer systems today are more and more complex. Thorough preparation is needed to perform well at jobs in this field.

Did you know?

- Montreal is one of the big international hubs in the field of video games. You will learn the foundations of developing video games using a game engine such as Unity.
- The Internet of Things (IoT) is a set of interconnected devices, like cellphones and home appliances, with software that connects them and allows them to exchange data. You will learn to develop applications for a variety of devices that can interact with the physical world through sensors or motors and communicate through the internet.

There is great demand in Montreal and across Canada for people trained to develop these tools, and the growth in demand is expected to increase over the next decade.

In your last semester, you will work alongside computer science professionals three days per week for the full fifteen weeks of the semester. Since 1986, our department and alumni have built relationships with local companies, large and small, operating in a variety of fields. Employers regard all aspects of this training as being important for future employees. Upon graduation, a significant number of students have been offered employment by their internship company, while others decide to continue their studies at university, sometimes balancing a new career with undergraduate courses.

This career program is open to qualified students graduating from high school, mature students returning to studies, and to people who are changing their field of study.

Program grid

Semester 1

Math Concepts
Programming 1
Game Programming 1
Introduction to Computer Science
English
French
Physical Education

Semester 2

Programming 2
Computer Environments
Database
English
French
Humanities

Semester 3

Programming Patterns
Internet Programming
Application Development 1: Desktop
Unix
English
Humanities

Semester 4

Application Development 2: Mobile
Networks
System Development
eCommerce
English
Complementary
Physical Education

Semester 5

Game Programming 2
IoT: Internet of Things
Web Services
Advanced Networking
Humanities
Complementary

Semester 6

Professional Interaction
Ethical Hacking
Internship
Physical Education

Internship

Before graduating from Computer Science Technology, students go gain work experience through a 300-hour internship in their final semester of studies. This is a great way to obtain field-specific work experience.

In English
only at Vanier

BURSARY

1500

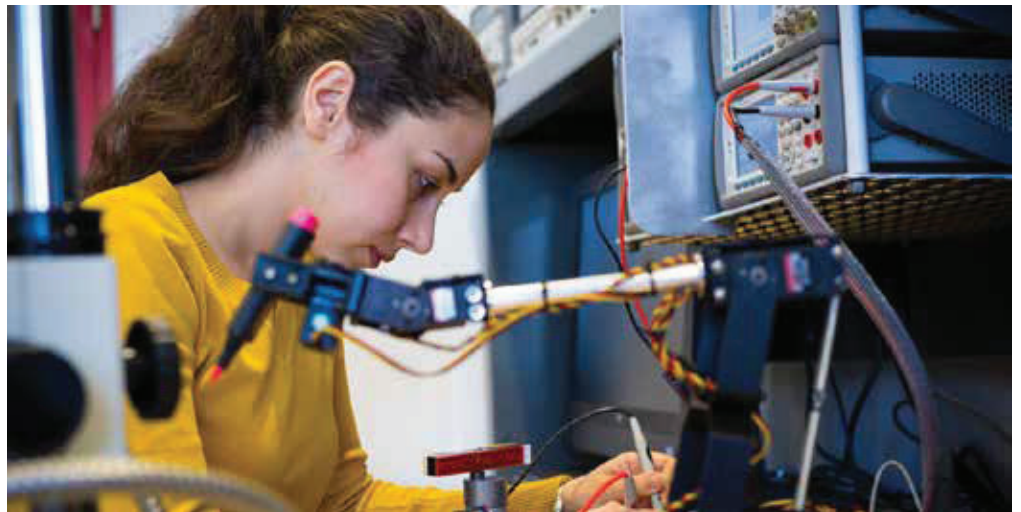
\$ / SEMESTER

(Total \$9000 over
6 semesters)

Computer Engineering Technology

Project based Hands-on learning

UNDER REVISION



Computer Engineering Technology is unique in that it combines two fields of study: electronics and software.

Together these areas offer a complete technical perspective of the computer engineering environment.

The understanding of electronic circuitry is enriched with in-depth knowledge of components such as microprocessors, micro-controllers and programmable logic devices, as well as computer networks.

This is a project-based program. Students learn by working on a project that carries through several courses where they learn and may use of different techniques.

Admissions

Admission to the College is on the basis of the Quebec Secondary School Diploma (Diplôme d'études secondaires); or the Québec Diploma of Vocational Education (Diplôme d'études professionnelles) with Secondary 5 first & second languages as well as Secondary 4 Mathematics; or equivalent schooling completed outside the province.

Math

TS 564-406/426 or
SN 565-406/426 or
CST 563-504

Science

ST 555 404/444 and STE 558 404
or
ATS 557 406/416 and STE 558 402
or
Cegep Physical Science 105-003-RE

Admissions

admissions@vaniercollege.qc.ca
or 514.744.7100 or 514.744.7881

Autumn Admissions Only

Coordinator

computerengineering@vaniercollege.qc.ca
or 514.744.7500 local 6005
for more information about the program

Website

www.vaniercollege.qc.ca/computer-engineering-technology
for more information including Course Descriptions and Graduation and Academic Standards

What kind of software is studied in this program?

The software component of Computer Engineering Technology focuses on embedded platforms like Linux and on programming languages that are unique to the electrical engineering field such as microprocessor assembly language, C-language, C++, HDL and Python.

Tablets, smartphones, laptops, robots and medical electronic devices are a few examples of Computer engineering systems. They could not have been developed without the assistance of a Computer Engineering technologist who is involved in the design, analysis, implementation and application of computers and digital systems.

Employment opportunities exist in the following areas:

- Telecommunications
- Consulting
- Colleges and universities
- Aerospace industries
- Computer design and maintenance
- Computer networking
- Software
- Aircraft simulation
- Computer games / graphics
- Entertainment software

The Computer Engineering Technology program has proven itself as a gender-inclusive environment that produces young professionals with the analytical and hands-on technical skills that employers in the engineering and manufacturing sectors are actively seeking.



+ Internship

This program has a three-week internship program in the final semester of the program where students are paired up with employers to exercise their knowledge in a practical setting while contributing to a real business environment.

+ University Studies?

About 50% of our graduates pursue university studies. Graduates may go on to study engineering: electrical, computer, mechanical, software engineering.

Graduates of this program are in an excellent position to work and gain experience while continuing their university studies part-time.

Graduates applying to university should consult with an Academic Advisor to know the prerequisites of the program they wish to apply to.

At certain institutions, graduates may receive credit for some of their Cegep courses thus reducing the time required to obtain a university degree.

+ Job Options

Graduates can enter the job market as professional technologists or can continue their education towards an engineering degree. Our professionally trained graduates work in a wide range of areas dealing with the development or maintenance of electronic and computer systems.

243.G0

Program grid

UNDER REVISION

New grid will include courses similar to those below but possibly in a different sequence.

Semester 1

Math for Computer Engineering Technology I
Circuit Analysis and Simulation I
The Profession of Computer Engineering Technology
Computer Circuit Fundamentals
Programming Fundamentals
Introduction to College English
French

Semester 2

Math for Computer Engineering Technology II
Circuit Analysis and Simulation II
Computational Logic Circuits
Embedded Systems Programming
English: Literary Genres or English: Literary Themes
Humanities: Knowledge or Humanities: World View
Physical Activity and Health

Semester 3

Embedded Linux Computer
Introduction to PCB Design and Prototyping
Microcontroller and Microprocessor Systems
Advanced Embedded Systems Programming
English: Literary Genres or English: Literary Themes
Humanities: Knowledge or Humanities: World View
French

Semester 4

Circuits and Embedded Systems
Project Planning and Design
Network Fundamentals
Telecommunications
Humanities
Physical Activity and Effectiveness
English for the Scientific and Technological Milieu
Complementary Course

Semester 5

Product Development I
Network Systems Design
Mechatronic and Robotic Systems
Microcontroller Applications
Digital Systems Design Using HDL
Physical Activity and Autonomy
Complementary

Semester 6

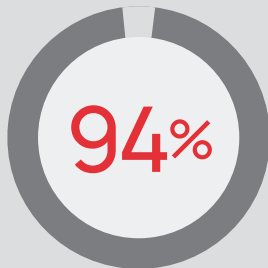
Product Development II
Computerized Systems Optimization
Networked Embedded Systems Stage
Embedded Operating Systems

AVERAGE
SALARY

610

\$ / WEEK

EMPLOYMENT

And a good
outlook for the
future

Early Childhood Education



This is a three-year career program that provides the professional training needed to understand and promote children's learning and development.

Extensive fieldwork experiences provide students with an opportunity to combine theory with practical application. Students develop a caring, patient attitude, good organizational skills and a commitment to personal and professional excellence.

The on-site ECE Lab Nursery, unique in the English CEGEP network, is an integral part of

our program. It is a model environment offering an innovative, educational morning program for preschool children. The adjoining Observation facility has a one-way glass, cameras and microphones. Students regularly observe the children and the educators in the Lab, and on occasion, work directly with them.

The two-year Fast Track Program is available for applicants who have already completed a DCS. Similar advanced standing is possible for those who have already completed an AEC in Early Childhood Care.

Admissions

Admission to the College is on the basis of the Quebec Secondary School Diploma (Diplôme d'études secondaires); or the Québec Diploma of Vocational Education (Diplôme d'études professionnelles) with Secondary 5 first & second languages as well as Secondary 4 Mathematics; or equivalent schooling completed outside the province.

Applicants for Early Childhood Education must provide a letter of intent. Childcare and volunteer experience with young children should be mentioned.

An interview is possible

Admissions
admissions@vaniercollege.qc.ca or
514.744.7100 or 514.744.7881

Autumn Admissions Only

Coordinator
ece@vaniercollege.qc.ca or
514.744.7500 local 6008 for more
information about the Early
Childhood Education program
It is strongly recommended that
all students in the ECE program be
up-to date on all of their
immunizations (including boosters).

For more information, consult the
Quebec Recommended Immunization
Schedule.

Students are required to complete
and sign a Criminal Background
Verification form ("Police check").

Website
www.vaniercollege.qc.ca/ece
for more information including Course
Descriptions and Graduation and
Academic Standards



+ Job Options

Interest in the childcare profession is growing rapidly, with high demand for competent, professional educators. The number of children being cared for in Nursery Schools, community pre-schools, and school age programs as well as CPEs (Centres de la Petite Enfance) has soared. Job opportunities are excellent.

Graduates typically find jobs in CPEs (Centres de la Petite Enfance), licensed daycare centres, family home daycares, nursery schools, as well as school-age after-school programs.

The labour market for diploma graduates in Early Childhood Education has remained excellent for years and should remain so for some time to come. ECE graduates also go on to university studies in education, early childhood education and child studies.

+ University Studies?

Graduates applying to university should consult with an Academic Advisor to know the prerequisites of the program they wish to apply to. Many ECE graduates go on to university studies in Education, Early Elementary Education and Child Studies.



Program grid

Semester 1

Introduction to
Early Childhood Education
Affective Relationships with
Young Children
Observing in
Early Childhood Programs
Child Development I
Introduction to College English
French 1
Physical Activity and Health
Humanities: Knowledge

Semester 2

Health, Wellness and Nutrition in EC
Introduction to Practicum
Safety and First Aid in
Early Childhood
Child Development II
Sociology of Families
English: Literary Genres
Humanities: World View
French Block B

Semester 3

Teamwork and Communication
The Intentional Educator
An Introduction to Play
Practicum I
Early Childhood
Curriculum Approaches
Block B English
Complementary 1
Physical Activity and Effectiveness

Semester 4

Language and Literacy
Development in EC
Social Studies,
Science and Math in EC
Practicum II
Visual Arts in Early Childhood
Movement and Music Education
in EC

Semester 5

Introduction to the Administration
and Organization of an EC Service
Infant and Toddler Programs
Creativity and the
Early Childhood Educator
Diverse Populations in EC Programs
English: Literary Themes
Humanities: Block B
Physical Activity and Autonomy
Complementary 2

Semester 6

Collaborative Relationships
in EC Settings
Curriculum Program and Design
Practicum III
School Age Programs
Inclusion Issues in ECE

AVERAGE
SALARY

21-33

\$ / HOUR

AVERAGE
SALARY788
TO
1238

\$ / WEEK

EMPLOYMENT

And a good outlook
for the future

Electrical Engineering Technology

Automation and Controls

NEW REVISED
PROGRAM

+ University Studies?

Graduates have a head start with practical knowledge and industrial applications gained in the program.

They may consult an Academic Advisor to know the prerequisites of the program they are interested in applying to.

Enjoy an engaging future and a great career!

Get ready for super summer jobs.

Predefined goals in each yearly profile provide students with employable skills after every year of study.

Gain practical experience in your field and apply your learning through ATE.

As students in Electrical Engineering Technology, you will be encouraged to participate in the college's work-study program - Alternance Travail Études (ATÉ) - where you complete 2 paid field-related internships (stages) during summers following your first and second year.

Admissions

Admission to the College is on the basis of the Quebec Secondary School Diploma (Diplôme d'études secondaires); or the Québec Diploma of Vocational Education (Diplôme d'études professionnelles) with Secondary 5 first & second languages as well as Secondary 4 Mathematics; or equivalent schooling completed outside the province.

Math

TS 564-406/426 or
SN 565-406/426 or
CST 563-504

Science

ST 555 404/444 and STE 558 404
or
ATS 557 406/416 and STE 558 402
or
Cegep Physical Science 105-003-RE

Admissions

admissions@vaniercollege.qc.ca or
514.744.7100 or 514.744.7881

Autumn Admissions Only.

Coordinator

EET-Automation-Controls
@vaniercollege.qc.ca
or 514.744.7500 local 6010
for more information about
the program

Website

www.vaniercollege.qc.ca/electrical-
engineering-technology
for more information including Course
Descriptions and Graduation and
Academic Standards

NOTE

For students who enter this program
in the Winter semester, an additional
semester may be required to
complete the full program.



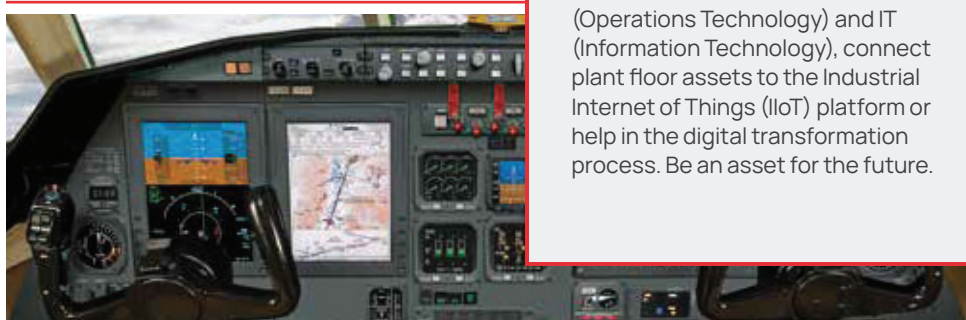
While in the program, sharpen your analytical skills and develop teamwork abilities. At work, enjoy problem solving, designing and creating possibilities.

On the job market, obtain the perks of good working conditions, a variety of work, good pay, job security and the opportunity for promotion and career advancement.

Industry Standards and Certificates

The program prepares students to obtain industry renowned certifications:

- Siemens Mechatronic certificate for the field of Factory Automation
- Red Seal – Instrumentation and Control Technician certificate for the field of Process Control
- IIoT Inductive Automation certificate for Industry 4.0 and IIoT



+ Job Options

Graduates typically find employment in three very specialized fields:

1-Factory Automation

Program PLC (programmable logic controllers) and industrial robots, connect sensors, install motors, and coordinate motion control applications. Work on any factory floor, production line or machine builder OEM (Original Equipment Manufacturer).

2-Process Control

Program DCS (Distributed Control Systems) and build SCADA applications, install-service-configure instruments and valves, setup-install-tune a control loop. These are highly in demand skills in the oil and refinery sectors, pulp and paper industry and chemical plants.

3-Industry 4.0 and IIoT

Keep pace with the latest manufacturing trends and demands: Connect the OT (Operations Technology) and IT (Information Technology), connect plant floor assets to the Industrial Internet of Things (IIoT) platform or help in the digital transformation process. Be an asset for the future.

Program grid

NEW PROGRAM GRID

Semester I

Robotics I
CAD for EET
Safety on the Factory Floor
Sensors and Data Acquisition
Math for Electrical Engineering Technology [EET]
English
French
Physical Education

Semester 2

Robotics II
Control Panel Building
Discrete Factory Automation
AC and Classic Control
Electromechanics
English
French
Complementary

Semester 3

Distributed Control Systems [DCS]
IT and OT Networks
Industrial Robotics
Instrumentation for Process Control
Maintenance: Preventive and Corrective
Internet of Things: Introduction to Python Programming
English
Humanities

Semester 4

Control Panel Integration
Motors and Drives
Process Control
SCADA Systems
Industrial Internet of Things
English
Humanities
Physical Education

Semester 5

Process Control II
Safety Systems and Equipment
Business Intelligence
Motion Control
Industrial Robotics II
Humanities
Physical Education
Complementary

Semester 6

Commissioning and Start-Up
Troubleshooting Equipment and Systems
The Smart Factory
Renewable Energy and Power Systems
Discover the EET Industry

AVERAGE
SALARY

840

\$ / WEEK

Varies according
to the specific
employment

During the program,
students build
a network of
contacts and
job seeking skills

Students who
go on to work
after graduating
find exciting and
challenging jobs.

Check
online for the
possibility of
Open House
activities
at the Lachute
Field Station
in the fall.

Environmental & Wildlife Management



**Environmental issues are
central to our lives.**

As a graduate of this 7-semester professional program you will receive a science-based education as a technologist specializing in environmental monitoring and the management of renewable natural resources. Your training will emphasize a practical, hands-on approach to field and laboratory skills.

The Environmental and Wildlife Management program makes use of equipment and techniques that conform to professional standards. We work closely with partners in the en-

vironmental industry to ensure that students graduate with the skills necessary for a successful career.

Our facilities include laboratories located on the Vanier College campus as well as a field station located in the beautiful Laurentians, which is unique to our program. Although there are several field trips in the first two years of the program, students spend most of their time on campus, where they learn the foundational skills required for their career. The third year takes place at the field station, where the local surroundings provide access to a variety of ecosystems. This is where the majority of field experience is acquired.

Admissions

Admission to the College is on the basis of the Quebec Secondary School Diploma (Diplôme d'études secondaires); or the Québec Diploma of Vocational Education (Diplôme d'études professionnelles) with Secondary 5 first & second languages as well as Secondary 4 Mathematics; or equivalent schooling completed outside the province.

Math TS/SN 506 or
Cegep Math 201-015-RE

Chemistry 504 or Cegep Chemistry
202-001-RE

Note - Basic swimming skills and Wilderness First Aid certification are required for the 3rd year of the program. Small boat handling skills and outdoors experience are assets.

Admissions
admissions@vaniercollege.qc.ca or
514.744.7100 or 514.744.7881

Autumn Admissions Only
A letter of intent may be required.

Students in this program must work and study at the Lachute Field Station over their final summer, which adds an extra semester to their program (7 semesters total).

Coordinator
ewm@vaniercollege.qc.ca or
514.744.7500 local 6009 for more
information

Website
www.vaniercollege.qc.ca/ewm
for more information including Course
Descriptions and Graduation and
Academic Standards

+ Job Options

Graduates work as field technicians, naturalists, forestry technicians, fisheries technicians, wildlife rehabilitation specialists, park rangers, and laboratory technicians, amongst others. They work in private, public, and academic organizations involved in the inventory and management of wild animals and habitats, environmental laboratories, environmental consulting firms, and water quality assessment companies, as well as research laboratories. Graduates are currently working locally and internationally.

For information on environmental careers, consult ECO Canada (www.eco.ca).

These experiences include operating drones, banding birds, small mammal trapping, performing forestry surveys, and much more.

Third year students also polish their skills during a 6-week field or laboratory-based internship. These are hosted by governments, academic institutions, environmental businesses and other NGOs. Many graduating students transform this opportunity into future employment. Students have the option to choose local, national, or international placements and can complete their intern-

+ University Studies?

EWM graduates applying to university should consult with an Academic Advisor to know the prerequisites of the program they wish to apply to. At certain institutions, graduates receive advanced standing. DEC-BAC or similar agreements that streamline the studies in the Vanier Environmental and Wildlife Management program and certain programs at Université de Montréal, Bishop's University, University of Cape Breton, UQAR (Rimouski) and Laval can result in decreasing university studies by one to two years.

ships with our partner organizations in Costa Rica (COTERC), Belize (TREES), and Namibia (CCF), or other international organizations.

As a student in this program you will be part of a small, tightly focused group with a powerful dynamic. If you are curious, enjoy the outdoors and are passionate about the natural environment, we encourage you to consider Vanier College's Environmental and Wildlife Management Program.

The EWM program is accredited by the Canadian Environmental Accreditation Commission. This designation demonstrates that students are prepared in their area of specialization and contributes to their development as responsible Environmental Professionals.

**EWM
Field Station**



Program grid

Semester 1

Biology for EWM I
Working in the Environment:
Preparation
Vertebrate Life I
Chemistry for EWM
English
Humanities
Physical Education

Semester 2

Biology for EWM II
Plant Life
Vertebrate Life II
Introduction to Biometry
French
Humanities
Physical Education
English

Semester 3

Invertebrate Life
Urban Ecology
Working in the Environment:
Communication
Physical Environment
Solutions Chemistry and Lab
Instrumentation
French
Complementary
English

Semester 4

Environmental Geographic
Information Systems (GIS)
Environmental Pollution and
Solutions: Sources
Microbiology for EWM
Research Techniques for Ecology
English
Humanities
Physical Education
Complementary

Semester 5

Using Field Equipment I
Working in the Environment:
Leadership and Survival Skills
Ornithological Techniques
Entomological Techniques
Experiments in Limnology
Aquatic Plant Ecology and Inventory
Environmental Pollution and
Solutions: Impacts

Semester 6

Terrestrial Plant Ecology and
Inventory
Mammal Management Techniques
Ecosystem Project
Fisheries Management Techniques
Using Field Equipment II

Semester 7

Working in the Environment
Internship

AVERAGE
SALARY

59,213

\$ / YEAR

(Source: Creative Earners
Survey Report 2018/2019
Published by GDC)

EMPLOYMENT

And a good
outlook for the
future

SCHOLARSHIP

1,500

\$ / SEMESTER

for 3 years, possibility
of \$9000 total
for qualified students

Multimedia Integration



NEW PROGRAM



What Will You Learn?

- Graphic Design
- Web Design and Development
- Print and Package Design
- Illustration
- Motion Graphics
- User Interface & User Experience Design (UI/UX)
- Audio / Video Editing
- Digital Photography & Photo Editing
- 3D Printing
- Virtual Reality, Augmented Reality and Mixed Reality (VR/AR/MR)
- Advertising and Marketing Methodology

What Do We Do?

This newly developed program which evolved from Vanier's highly successful OST: Micropublishing and Hypermedia program (Micromedia), offers students the opportunity to explore the various media and technologies associated with contemporary applied communication arts. The Multimedia program focuses heavily on design and design-thinking with project-based assessments relative to current industry needs and standards. Creativity and innovation are the cornerstones of this program.

Admissions

Admission to the College is on the basis of the Quebec Secondary School Diploma (Diplôme d'études secondaires); or the Québec Diploma of Vocational Education (Diplôme d'études professionnelles) with Secondary 5 first & second languages as well as Secondary 4 Mathematics; or equivalent schooling completed outside the province.

Admissions

admissions@vaniercollege.qc.ca or
514.744.7100 or 514.744.7881

Autumn Admissions Only

A working knowledge of French
is required.

Coordinator

multimedia@vaniercollege or
514.744.7500 local 6011 for more
information the program

Website

www.vaniercollege.qc.ca/multimedia
for more information including Course
Descriptions and Graduation and
Academic Standards



Are you creative?

In the Multimedia program, students learn methods to harness and focus their creativity, applying it in dynamic and impactful ways. You will learn the overarching principles of design that encompass all media, from a simple social media post to the most extensive multi-national advertising campaign.

You will come to learn that art and design are not necessarily the same, even though they share many similarities in tools and techniques. Unlike traditional art programs that teach and use creativity as pure artistic expression, creativity in the Multimedia program is applied with intention, serving countless purposes across numerous industries.

Are You A Techie?

Do you enjoy exploring new and exciting technologies? Are you always looking to get your hands on the latest gadgets? Are you the unofficial technical support agent for your family? Then the Multimedia program may be just what you're looking for.

During your three years in the Multimedia program, you will learn and apply skills and techniques relative to both current industry standards as well as emerging technologies. You will learn how to adapt and harness these technologies to make way for dynamic and exciting new fields of work and opportunities in innovative job markets. Meet our faculty.

Multimedia Integration teachers have a variety of educational backgrounds and professional experience in fields including graphic design, art, photography, printing, web development, video production, web animation, communications, and training.

Our teachers have won multiple awards and recognitions for their work inside and outside the classroom. Together, they have completed several undergraduate and graduate degrees, and they count more than 70 years of industry and teaching experience. We offer you a rich learning experience that will open the doors to a fulfilling and rewarding career.

What will it be like in Multimedia Integration?

We are a friendly and open bunch. We welcome all and work together to overcome challenges and attain our goals. Often it feels like family.



Which Industries Are Looking for Multimedia Graduates?

In general, students graduating from this program will be seen as versatile and adaptable employees, able to apply the proper tools and techniques for the job required. Developing the capacity to use both sides of their brain in equal parts (creative and analytical) allows our students to better face the challenges of the workplace today and into the future.

Graduates of the Multimedia program will find themselves in a plethora of industries engaged in exciting and fulfilling work designing and developing solutions to countless creative and technical problems faced by today's ever-changing markets.



Looking for Experience?

While enrolled in the Multimedia Integration program, you will have the opportunity to gain real-world experience by participating in a co-op or work placement project. Our dynamic and engaging stage hosts range from creative agencies to web development studios to marketing teams from national and international companies eager to help foster our students' path from the classroom to the job market. Graduates of our previous iteration of this program, boast some of the highest rates of job placement of all Cegep career programs.

582.A1

Program grid

Semester 1

Design 1: History and Principles
Design Tools
Web 1: HTML. CSS and Javascript
Photography and Cinematography
English
French
Physical Activity

Semester 2

Design 2: Typography and Colour Theory
Graphics 1: Illustration and Photo Editing
Web 2: Cms and Animation
Video and Audio Editing 1
Art Now for Multimedia
English
French
Humanities

Semester 3

Design 3: Design Thinking
Layout 1: Functional Documents
Web 3: Animation and Games
Motion Graphics
Emerging Tech
Sound Design for Multimedia
English
Humanities

Semester 4

Design 4: User Experience
Graphics 2: Illustration and Photo Editing
Web 4: Database and Content Management
Video and Audio Editing
Emerging Tech 3
Entrepreneurship for Creatives
Complementary Physical Education
English

Semester 5

Design 5: Branding
Layout 2: Publication Design
Web 5: Web Apps
Motion Graphics
Professional Practices 1
Humanities
Physical Education
Complementary

Semester 6

N.B. This is an 11-week intensive semester
Managing Projects
Professional Practices
Emerging Tech
Internship
Interacting in the Creative Workplace

AVERAGE
SALARY

899

\$ / WEEK

EMPLOYMENT

100%

And an excellent
outlook for the
future

Nursing

You may have what it takes
to be a nurse!



+ University Studies?

Vanier College graduates may benefit from an integrated program with McGill University that offers a Bachelor's Degree in Nursing over two years.

What is special about Nursing at Vanier?

- Interactive simulation labs equipped with high fidelity mannequins
- Fully equipped labs that simulate hospital wards
- Possibility of doing a nursing clinical internship in Malawi, Africa
- Opportunity to participate in inter-professional labs and simulations with Respiratory Therapy students.
- Teacher-led lessons and student tutor program help build study skills
- Teachers closely supervise and support students during hospital experiences
- Peer mentoring to help new students adjust to CEGEP and the nursing world
- French courses designed for nursing and health care
- Extended Nursing Program option for those who wish to extend the regular 3-year Nursing Program to 4 years
- Vanier Nursing graduates are frequently recruited by Montreal hospitals even before graduating.

Admissions

Admission to the College is on the basis of the Quebec Secondary School Diploma (Diplôme d'études secondaires); or the Québec Diploma of Vocational Education (Diplôme d'études professionnelles) with Secondary 5 first & second languages as well as Secondary 4 Mathematics; or equivalent schooling completed outside the province.

Chemistry
504; or
Cegep Chemistry 202-001-RE

Science
ST 555 404/444 and STE 558 404
or ATS 557 406/416 and STE 558 402
or Cegep Physical Science 105-003-RE

An interview may be required.

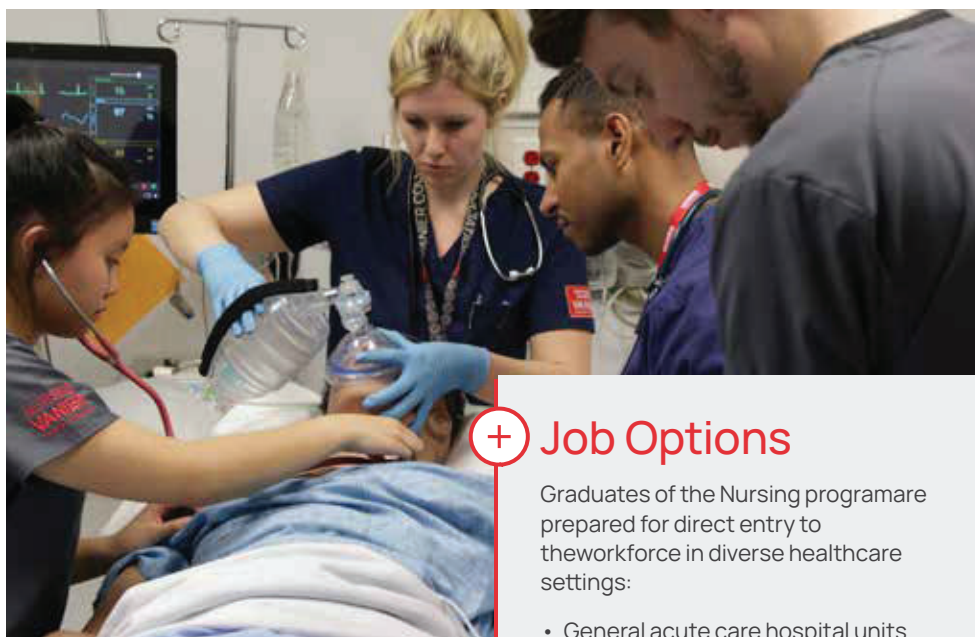
Autumn Admissions Only

The following course is highly recommended: Math TS/SN 406/426 or equivalent. The competition for entering this program is so high that your chances of being accepted increase significantly if you have this course.

A personal profile must be submitted with the application. Nursing applicants can consult guidelines for writing their personal profile at:

<http://www.vaniercollege.qc.ca/nursing/letter-of-intent>

CPR BLS Certification
Students will be required to obtain their CPR BLS (Cardio-Pulmonary Resuscitation, Basic Life Support) Certification before beginning the program. Information on how to register for CPR BLS courses will be sent on admission.



+ Job Options

Graduates of the Nursing program are prepared for direct entry to the workforce in diverse healthcare settings:

- General acute care hospital units including medicine, surgery, psychiatry, obstetrics, pediatrics, geriatrics and palliative care
- Rehabilitation hospitals
- Clinics (private and public)
- Long-term care
- Remote locations

+ Is this field right for me?

Are you:

- A critical thinker
- A decision maker
- A problem solver
- A good communicator
- A good listener
- A hard worker
- Caring and compassionate

A Nurse:

- Applies his/her knowledge and skills to promote health and prevent illness
- Makes it his/her primary responsibility to provide care and comfort to people throughout their lifespan

A career in Nursing offers you various employment opportunities at local, regional and even international hospitals.



From classmates to coworkers: Mouzhan Sharifi and Elizabeth Abbey, Class of '19

Proficiency in written and spoken English is required and may be tested as part of the admissions process.

Proficiency in spoken French: Nursing students are expected to be able to communicate in French with patients in the clinical settings served by Montreal Health Care establishments.

To practice in Quebec, students need French in order to meet the licensing

requirements of the Quebec Order of Nurses (Ordre des infirmières et infirmiers du Québec). Knowledge of a 3rd or 4th language is an asset. Hospitals require all students to consent to a criminal background verification.

Admissions

admissions@vaniercollege.qc.ca or 514.744.7100 or 514.744.7881

Coordinator

nursing@vaniercollege.qc.ca or 514.744.7500 local 6012 for more information about the program

Website

www.vaniercollege.qc.ca/nursing for more information including Course Descriptions and Graduation and Academic Standards

Program grid

Semester 1

Anatomy and Physiology 1
Introduction to Nursing and Health
Psychology: Adult Development
English
Complementary

Semester 2

Anatomy and Physiology 2
Nursing and Health Challenges
Psychology: Child Development
Sociology of the Family
Physical Education
French

Semester 3

Microbiology
Nursing and Health Challenges in
Adults and Elderly Persons 1
Or
Nursing and Health Challenges in
Childbearing and Childrearing
Families 1
English
Humanities

Semester 4

Nursing and Health Challenges in
Adults and Elderly Persons 1A
Or Nursing and
Health Challenges in Childbearing
and Childrearing Families 1A
Sociology of Health
English
French
Humanities

Semester 5

Nursing and Health Challenges in
Adults and Elderly Persons 2
English
Humanities
Physical Education
Complementary

Semester 6

Nursing and Health Challenges in
Adults and Elderly Persons 3
Physical Education

Please see our website for the program grid for the extended four-year program:

www.vaniercollege.qc.ca/nursing

Real-world experiences of performing, composing, arranging and recording Jazz and Pop music

Professional Music & Song Techniques



+ Sec IV & V students:

Come to OPEN HOUSE and hear the Music Department in action – concerts, open rehearsals, master classes and information sessions. Everything you need to know for your audition and entrance exams is on our website.

Visit us now at:

www.vaniercollege.qc.ca/music/prospective-students/auditions.

Fill in the Music Questionnaire on the Auditions page to receive information on free workshops, evening concerts and musical theatre productions that come up later in the year.



Admissions

Admission to the College is on the basis of the Quebec Secondary School Diploma (Diplôme d'études secondaires); or the Québec Diploma of Vocational Education (Diplôme d'études professionnelles) with Secondary 5 first & second languages as well as Secondary 4 Mathematics; or equivalent schooling completed outside the province.

Recommended

Music 502 or Cegep Music 551-004-VA; or recognized music training in theory and practice from a school or private teacher.

Professional Music and Song Techniques accepts students for Autumn and Winter Admissions.

All applicants must audition on their principal instrument (or voice) and will write an entrance exam in theory

and ear training. Links to audition requirements for all instruments and sample entrance exams can be found at www.vaniercollege.qc.ca/music/prospective-students/auditions

Admissions

admissions@vaniercollege.qc.ca or 514.744.7100 or 514.744.7881

Coordinator

musicadmissions@vaniercollege.qc.ca or 514.744.7500 local 6039 for more information about the program

Website

www.vaniercollege.qc.ca/music/professional-music-song-techniques/ for more information including Course Descriptions and Graduation and Academic Standards



The Professional Music and Song Techniques program is a dynamic 3-year program that immerses students in real-world experiences of performing, composing, arranging and recording Jazz and Pop music.

Students will learn to improvise, compose and interpret songs, understand different genres of music, interact as a group, and master technological aspects of the industry such as software notation, midi, and recording/editing in a professional studio.

With two dedicated performance spaces and a state-of-the-art recording studio, students leave Vanier with the skills they need to succeed in a wide range of professional musical contexts.

Students in this program choose between two options: Composition and Arrangement or Performance. the first two semesters of this program are harmonized with Pre-university Music (501.A0)

Program grid

STREAM A Composition & Arrangement 551.AA

Semester 1

Ear Training I
Music History I
Large Ensemble I
Principal Instrument and Lab I
Complementary Piano Technique I
Theory I
English
French

Semester 2

Ear Training II
Music History II
Large Ensemble II
Principal Instrument and Lab II
Complementary Piano Technique II
Theory II
English
French
Physical Education

Semester 3

Jazz Ear Training I
Jazz History I
Jazz Theory I
Principal Instrument and Lab III
Complementary Piano Technique III
Tech I: Notation
Theory III
Choice of:
 Small Ensemble I and
 Small Ensemble II and
 Small Ensemble III and
OR
 Large Ensemble III
Humanities
Complementary

Semester 4

Jazz Ear Training II
Jazz History II
Jazz Theory II
Principal Instrument and Lab IV
Complementary Piano Technique IV
Tech II: Demo
Theory IV
Choice of:
 Small Ensemble IV and
 Small Ensemble V and
 Small Ensemble VI
OR
 Large Ensemble IV
English
Humanities

Semester 5

Advanced Composition I
Arranging and Composition I
Jazz Ear Training III
Principal Instrument V (Stream A)
Second Instrument V
Sound Recording I
Tech III: Midi
English (B Block)
Physical Education
Complementary

Semester 6

Advanced Composition II
Arranging and Composition II
Jazz Ear Training IV
Music Business
Principal Instrument VI (Stream A)
Second Instrument VI
Sound Recording II
Humanities (B Block)
Physical Education

Program grid

STREAM B Performance 551.AB

Semester 1

Ear Training I
Music History I
Large Ensemble I
Principal Instrument and Lab I
Complementary Piano Technique I
Theory I
English
French

Semester 2

Ear Training II
Music History II
Large Ensemble II
Principal Instrument and Lab II
Complementary Piano Technique II
Theory II
English
French
Physical Education

Semester 3

Jazz Ear Training I
Jazz History I
Jazz Theory I
Principal Instrument and Lab III
Complementary Piano Technique III
Tech I: Notation
Theory III
Choice of:
 Small Ensemble I and
 Small Ensemble II and
 Small Ensemble III and
OR
 Large Ensemble III
Humanities
Complementary

Semester 4

Jazz Ear Training II
Jazz History II
Jazz Theory II
Principal Instrument and Lab IV
Complementary Piano Technique IV
Tech II: Demo
Theory IV
Choice of:
 Small Ensemble IV and
 Small Ensemble V and
 Small Ensemble VI
OR
 Large Ensemble IV
English
Humanities

Semester 5

Jazz Ear Training III
Composition I
Principal Instrument V for Stream B
Second Instrument V
Studio Musicianship I
Tech III: Midi
Techniques of Improvisation I
Physical Education
Complementary
English

Semester 6

Composition II
Jazz Ear Training IV
Music Business
Principal Instrument VI for Stream B
Second Instrument VI
Studio Musicianship II
Techniques of Improvisation II
Humanities
Physical Education

AVERAGE
SALARY

835

\$ / WEEK

with possible premiums
for ICU, evening or
night work

EMPLOYMENT

100%

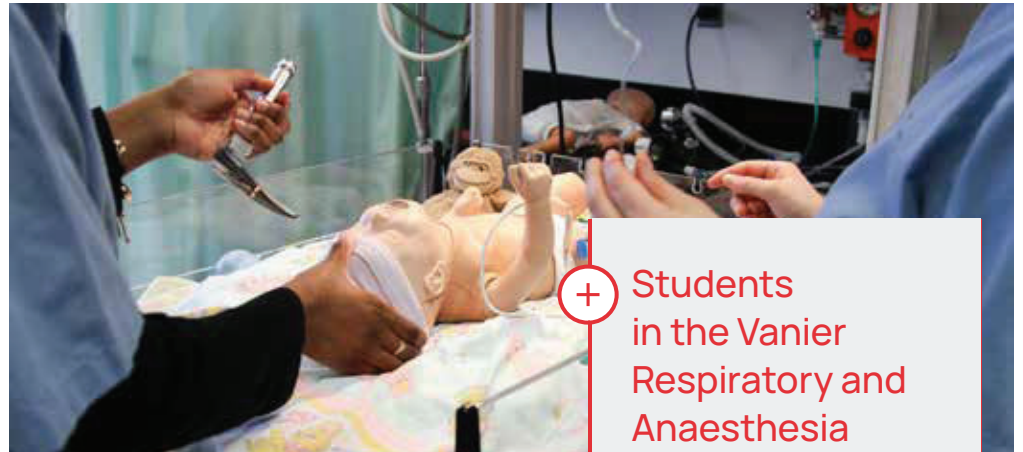
And a good outlook
for the future

During their second
year, Respiratory
and Anaesthesia
Technology
students may obtain
employment in
local hospitals as
“externes”.

Vanier students are
often recruited by
area hospitals even
before graduating.

Respiratory & Anaesthesia Technology

Exclusive to
Vanier in English



Students
in the Vanier
Respiratory and
Anaesthesia
Technology and
Nursing programs
have the unique
opportunity to
participate in
interprofessional
labs and
simulations.

Respiratory and Anaesthesia therapists evaluate, treat, and care for patients of all ages who are suffering from breathing disorders related to disease or surgical intervention.

If you want to make a positive contribution to society and are looking for a challenging, rewarding and exciting profession in health care, consider this program.

- You will learn excellent communication and analytical skills
- You will learn to work as part of a multidisciplinary team
- You will develop the ability to effectively deal with stress
- You will become adept in handling all types of life support and respiratory therapy equipment

Many Canadians suffer from breathing problems associated with respiratory disease, heart disease, accidents and premature births. For these people, the act of drawing a breath cannot be taken for granted. For them,

Admissions

Admission to the College is on the basis of the Quebec Secondary School Diploma (Diplôme d'études secondaires); or the Québec Diploma of Vocational Education (Diplôme d'études professionnelles) with Secondary 5 first & second languages as well as Secondary 4 Mathematics; or equivalent schooling completed outside the province.

Math TS 564-406/426 or
SN 565-406/426 or
Cegep Math 201-016-RE

Chemistry
504 or Cegep Chemistry 202-001-RE

A letter of intent must be submitted with the application. Candidates will be invited to an interview if the appropriate application requirements are met.

Proficiency in written and spoken English is required and may be tested as part of the admissions process.

Proficiency in spoken French:
Respiratory students are expected to be able to communicate in French with patients in the clinical settings served by Montreal Health Care establishments.

Autumn Admissions Only

To practice in Quebec, students need French language skills in order to meet the licensing requirements of the Quebec Order of Respiratory Therapists (Ordre professionnel des inhalothérapeutes du Québec).

Hospitals will ask all students to complete and sign a Criminal Background Verification form.



+ Job Options

According to the Ordre des inhalothérapeutes du Québec most graduates work as respiratory therapists in acute care hospitals, many are employed as anaesthesia assistants and the remainder work in other areas such as community health care facilities, home health agencies, and specialized and private care clinics. Some may also work in the air ambulance industry that offers international opportunities for travel and work.

The career path may also lead to sales of medical equipment, management and positions as respiratory and anaesthesia teachers in cegeps and community colleges. DCS graduates enjoy a good labour market situation and job prospects in this occupation are excellent. A permit from the Ordre des inhalothérapeutes du Québec allows the registered Respiratory Therapist to work anywhere in Canada.

breathing is an accomplishment, and care by a Respiratory Therapist may be crucial. In addition to treating respiratory ailments a Respiratory Therapist may be found in operating rooms working as assistants to anaesthesiologists or in pulmonary function laboratories evaluating breathing function.

What is special about Respiratory & Anaesthesia at Vanier:

- Interactive simulation labs equipped with high fidelity mannequins
- Fully equipped labs
- Small class sizes
- Close supervision and support during hospital clinical rotations with low teacher to student ratios
- Accredited according to Canadian national standards in respiratory therapy. Accreditation permits graduates to write the national exam by the Canadian Board of Respiratory Care

+ University Studies?

It is possible to continue on to university studies with this DCS but not in this program since university degrees in respiratory and anaesthesia technology do not exist in Québec. However, university credits are available via courses supported by the professional order. Graduates wishing to apply to university should consult with an Academic Advisor to know the prerequisites of the program they wish to apply to.



Admissions

admissions@vaniercollege.qc.ca
or 514.744.7100 or 514.744.7881

Coordinator

respana@vaniercollege.qc.ca
or 514.744.7500 local 6013

Website

www.vaniercollege.qc.ca/respiratory-anaesthesia
for more information including Course Descriptions and Graduation and Academic Standards

Program grid

Semester 1

Respiratory and Anaesthesia
Anatomy
and Physiology 1
Introduction to the Profession
Basic Instrumentation
Psychology in Health Care
English
Humanities
Complementary

Semester 2

Respiratory and Anaesthesia
Anatomy
and Physiology 2
Respiratory Care
Blood Gases
Diseases and Disorders
English
Physical Education
French
Complementary

Semester 3

PFT and Diagnostics
Cardiovascular Diagnostics
and Monitoring
Mechanical Ventilators
Clinical Application of Respiratory
and
Anaesthesia Pharmacology
Clinical Respiratory Care 1
English
Humanities
French

Semester 4

Artificial Pulmonary Ventilation
Anaesthesia Technology
Neonatal and Paediatric Respiratory
Care
Clinical Respiratory Care 2
English
Humanities
Physical Education

Semester 5 and 6

Semester 5 and Semester 6 are combined over one academic year.
Clinical Pulmonary Functions
Testing
Clinical Critical Care
Clinical Anaesthesia
Clinical Neonatal and
Paediatric Respiratory Care
Case Studies and Research
Physical Education
Comprehensive Assessment

AVERAGE
SALARY

23

\$ / HOUR

36,000

TO

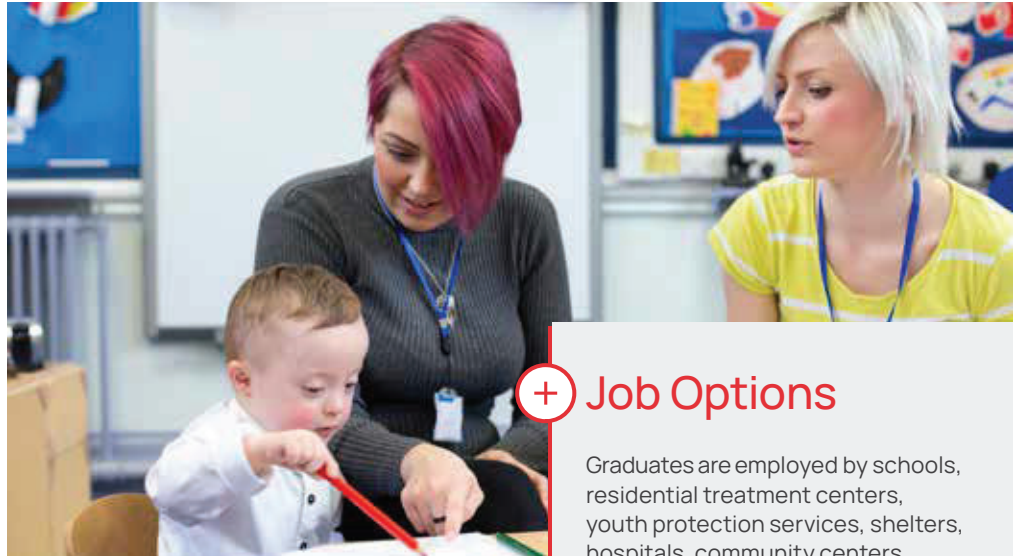
42,000

\$ / YEAR

EMPLOYMENT

And a good outlook
for the future

Special Education Techniques

NEW
PROGRAM

+ Job Options

Graduates are employed by schools, residential treatment centers, youth protection services, shelters, hospitals, community centers and day treatment programs, and in agencies and community organizations that provide specialized services to families as well as individuals with physical, neurological, psychosocial, mental health and developmental needs and older adults.

The placement rate for graduates of this program is virtually 100%. Starting salaries are about \$36,000 a year.

Students who become Special Education Technicians must be compassionate, creative, sensitive, patient, and observant individuals who have a strong passion for helping others.

According to the Québec Association of Special Care Counsellors, "a special care counsellor is a professional who intervenes with individuals or groups of individuals of any age who experience or are likely to experience various adjustment problems in the field of mental health, social services and education.

The Special Care Counsellor evaluates and accompanies the client through situations of daily living, educational, helping relationships, and through intervention techniques.

The Special Care Counsellor pursues objectives of social integration and personal development in the fields of prevention, education and rehabilitation."

Admissions

Admission to the College is on the basis of the Québec Secondary School Diploma (Diplôme d'études secondaires); or the Québec Diploma of Vocational Education (Diplôme d'études professionnelles) with Secondary 5 first & second languages as well as Secondary 4 Mathematics; or equivalent schooling completed outside the province.

Volunteer work with individuals and/or groups with special needs are an asset, as life experiences and personal interests are taken into consideration.

Students will be required to complete a police check prior to going to stage.

A letter of intent of intent must be submitted with the application. Candidates who meet the application requirements will be invited to participate in a selection process.

Admissions
admissions@vaniercollege.qc.ca or
514.744.7100 or 514.744.7881

Autumn Admissions Only

Coordinator
scc@vaniercollege.qc.ca
or 514.744.7500 local 6014 for more
information about the program

Website
www.vaniercollege.qc.ca/special-care-
counselling
for more information including Course
Descriptions and Graduation and
Academic Standards



+ University Studies?

Graduates applying to university should consult with an Academic Advisor to know the prerequisites of the program they wish to apply to. Special Education Techniques graduates are also eligible for advanced standing or can receive course equivalencies in selected university programs.

Vanier Special Education Techniques is in proud partnership with the AEESQ (Association des éducatrices et éducateurs spécialisés du Québec)

Students of the Special Education Techniques program participate in three separate supervised internship placements where they can put into practice the skills they learn in course work.

The role of the Special Education Techniques



is continually growing and expanding. In the 3-year Special Education Techniques program students acquire the combination of theoretical and practical knowledge needed to both work in this exciting and constantly evolving helping profession, or to continue their studies at the University level if they choose to do so.

Program grid

Semester 1

Lifespan development and approaches
Introduction to the SET profession
Interpersonal communication
Clinical Observation 1

Students take 2 of the following courses in Semester 1 and the remaining 2 in Semester 2

- Characteristics of aging and disabilities
- Characteristics of A.S.D. and intellectual disabilities
- Characteristics of youth with adjustment issues
- Characteristics of physical disabilities and language disorders

English
French
Humanities

Semester 2

Group facilitation
Leading therapeutic activities
Clinical Observation 2
Crisis intervention and personal wellness
Remaining 2 courses from the list above
English
French
Complimentary

Semester 3

Communication and the therapeutic relationship
Diversity and family system interventions
Characteristics of mental illness and substance use disorders

Students take 3 of the following courses in Semester 3 and the remaining 3 in Semester 4

- Interventions for people with learning disabilities
- Interventions for people with physical disabilities and language disorders
- Interventions for people with intellectual disabilities
- Interventions for people with A.S.D.
- Interventions for youth with adjustment issues
- Interventions and approaches for older adults

English
Phys ed
Humanities

Semester 4

Activity based intervention stage
Intervention choice 4**
Intervention choice 5**
Intervention choice 6**
English
Humanities

Semester 5

Designing intervention plans
Intervention Stage
Interventions for people with substance use disorders
Interventions for people with mental health disorders
Complementary
Physical education

Semester 6

Integration Stage
Physical Education