

CEGEP PREREQUISITES

For fall 2011 (Revised December 2010)



High School Graduation Requirements As of June 2010

- ❖ A minimum of 54 sec IV & V credits
 - ❖ including @ Sec IV:
 - 4 credits in mathematics (Cultural, Technical or Scientific)
 - 4 credits in History and Citizenship (in English or French)
 - 4 credits in General Science & Technology **or** 6 credits in Applied Science & Technology **or** 8 credits in Environmental Science
 - 2 credits Arts Education (Fine Arts, Music, Drama or Dance)
 - ❖ And including at least 20 @ sec V, including:
 - 6 credits in English (Mother Tongue)
 - 4 credits of French (French Second Language)
 - 2 credits in Ethics & Religious Culture **or** Physical Education

Key to MELS course codes:

[schools may use local codes for these]

“Cultural” math	=	563-404 & 563-504	[2 courses of 100 hours each year]
“Technical” math	=	564-406 & 564-506	[2 courses of 150 hours each year]
“Scientific” math	=	565-406 & 565-506	[2 courses of 150 hours each year]
“General” science	=	555-404	[not by itself a pre-req for chemistry or physics]
“Applied” science	=	557-406	[not by itself a pre-req for chemistry or physics]
“Environmental” science	=	“General” + 558-404 or “Applied” + 558-402	

[i.e. a composite 8 credit pre-requisite for chemistry & physics]

[Many schools schedule “Environmental” together as one course and call it Advanced Science 408]

“Chemistry” = 551-504 “Physics” = 553-504

[Passing chemistry and physics will automatically give the EQU credits for Environmental Science.]

Passing these subjects in HIGH SCHOOL	Makes you eligible ¹ for one of these (2 year) PRE-UNIVERSITY PROGRAMS² :	Which can lead to UNIVERSITY studies in ³ :
<p>Basic HS Grad requirements with</p> <p>Sec IV Cultural math [sec V CST math recommended to apply to Social Sciences]⁴ & any Sec IV Science</p>	<ul style="list-style-type: none"> ❖ Creative Arts, Literature & Languages (CALL) <ul style="list-style-type: none"> ➤ <u>Centennial</u>: general overall Creative Arts program ➤ <u>M⁵ profiles</u>: CAL & Languages; CALL and Music ➤ <u>JA profiles</u>: Media Arts; Languages; Arts & Culture ; Theatre Workshop ➤ <u>D profiles</u>: Cinema, Video & Communications; Languages; Visual Arts; Arts & Culture; Literature ➤ <u>V profiles</u>: Modern Languages; Communications (Art, Media, Theatre); Modern Languages & Music [double DEC] ➤ <u>C @ StL profiles</u>: Digital Imaging/Studio Arts; Film/Video/Communication ; Photo, Design ➤ <u>GG</u>: <i>Arts et Lettres / Cinema et Communication</i> ❖ JA & D: Fine Arts⁶ ❖ V & M: Music(+) ❖ @ All: Social Sciences : <ul style="list-style-type: none"> ➤ <u>Centennial</u>: General ➤ <u>M profiles</u>: Environmental Studies; International Studies; Law, Society & Justice; Psychology; General ➤ <u>JA profiles</u>: Psychology; General ➤ <u>V profiles</u>: Child Studies; International Studies; Law & Society; Psychology; Sports & Leisure ➤ <u>D profiles</u>: General Studies; Child Studies; Environmental Studies; Law, Society & Justice; North-South Studies; Psychology; Travel & Tourism ➤ <u>C @ StL profiles</u>: Criminology, Education, Psychology, World Studies ➤ <u>GG profiles</u>: <i>en français pour étudiants anglophone</i> ❖ @ All: Liberal Arts (80%+ average +letter) ❖ @ All: Honors Social Science (85% min) 	<p>Anthropology ; Art History; Canadian Studies; Cinema; Communication Studies; Digital Image/Sound*; Education; The Fine Arts; Geography; Graphic Design; History; Interior Design; Journalism; Law⁷; Leisure Studies; Literature; Languages; Political Studies; Philosophy; Psychology (BA); Physical Education; Radio; Religious Studies; Social Work; Studio Art; Television; Theatre; Translation</p>
<p>Sec V Technical or Scientific math & any Sec IV Science</p>	<ul style="list-style-type: none"> ❖ <i>Every program above plus.</i> ❖ D: Liberal Arts with math [Calculus 1 & 2 and linear algebra] ❖ JA: Social Sciences with math [ditto] ❖ D: Social Science: International Business ❖ @ All: Social Sciences - Commerce ❖ GG: Sciences humaine - Profil administration 	<p>Actuarial Science; Business Administration; Commerce; Computer Science (Information Systems Option); Management; Mathematics</p>
<p>Sec IV & V Technical or Scientific math & Environmental Science & Physics & Chemistry ⁸</p>	<p>Students missing 1-3 pre-reqs OR with 60 – 69% in any: see Transition Programs [p4]</p> <ul style="list-style-type: none"> ❖ <i>Every program above plus see transition programs [p 4], and:</i> ❖ C, D,V,M: Health Sciences/ First Choice Science ❖ C, V: IB Health Sciences ❖ C, D,V,M: Pure & Applied Sciences/ First Choice Science ❖ C, V: IB Pure & Applied Sciences ❖ JA: Sciences (<i>combines both above for 1st year</i>) ❖ D: Environmental Science ❖ @ All: Science Plus/Honours (with over 80%) ❖ M: Arts & Sciences (2 year with fine arts & languages options) ❖ Double DEC programs⁹: V, M: Music & Science <ul style="list-style-type: none"> ➤ JA & M: Arts & Sciences ➤ JA: Social Science & Science 	<p>Agriculture; Architecture; Audiology; Biology; Chemistry; Computer Engineering; Dentistry; Dietetics & Nutrition; Earth Science; Engineering; Exercise Science; Food Science; Forestry; Geology; Mathematics; Medicine¹⁰; Nursing¹¹; Occupational Therapy; Optometry; Pharmacy; Physics; Physiotherapy; Psychology (BSc); Speech Therapy; Veterinary Med</p>

¹ Eligibility of course is FIRST determined by your marks. Your "overall average" is calculated with your final secondary IV marks and your secondary V summary marks from your term 1 report card. Your 'overall average' is the way the CEGEP judges you as a candidate. See note 6 [below].

² Please note: these programs are designed only to get you into university where you will learn marketable job skills. They are not designed to get you onto the job market directly.

³ Thanks to SRAM and JAC for these university program lists. **For specific program pre-requisites, always see an Academic Advisor at CEGEP.**

⁴ Students admitted to Social Science with sec IV CST math will be required to take a sec V CST math equivalent during their first semester at CEGEP, as a pre-requisite for Quantitative Methods.

⁵ C @ SL = Champlain @ St. Lambert, D = Dawson, EM = Edouard-Montpetit (French CEGEP with one English program), GG = Gerald Godin (our closest French CEGEP which gives support to Anglophone students), JA = John Abbott, LS = LaSalle, M = Marianopolis, V = Vanier, O'S = O'Sullivan

⁶ (+) indicates other requirements to be considered a good candidate for the program. For example, an artistic portfolio, an audition, medical or psychological tests, or interviews. Check pamphlets and websites for specifics.

⁷ It's rare for students to be admitted directly into Law from CEGEP. Most Law students already have a Bachelor's level university degree. See CEGEP Academic Advisors for details.

⁸ With a **minimum of 70% in all pre-req classes**. Recent application years have been more competitive than others, so the higher your marks are, the better your chances of being admitted. **If any of your pre-requisite marks are in the low 70s, see p. 4 for transition programs.**

⁹ These are pre-u programs in which students earn two College Diplomas in three years.

¹⁰ It's rare for students to be admitted directly into Medicine from CEGEP. Most Medicine students already have a Bachelor of Science degree.

¹¹ This is for entry to university for a Bachelor of Science in Nursing through the Health Science option. It is also possible to enter university for a BSc in Nursing through the 3 year Nursing program [see p 3]. Either way, it's a total of 5 years.

<p>PASSING THESE IN HIGH SCHOOL....</p>	<p>Makes you eligible for these (3 year) TECHNICAL PROGRAMS¹²:</p>
<p>Basic HS Grad requirements with Sec IV Cultural (or any) math & any Sec IV Science</p>	<p>BUSINESS TECHNOLOGIES: Information & Library Technologies (JA); Publication Design & Hypermedia Technology (JA); Office Systems Technology; Micropublishing & Hypermedia (V); Business & Management (Marketing) (D); Office Systems Technology (D); Tourism (LaS); Paralegal Technology (O’Sullivan); Tourism management (C @ SL); Business & Entrepreneurship (Centennial)</p> <p>FINE ARTS TECHNOLOGIES: Professional Theatre (Acting Option) (JA,D) (audition +)¹³; Professional Theatre (Technical & Design Option) interview+) (JA); Publication Design and Hypermedia Technology (JA); Illustration & Design (D) (+ portfolio); Interior Design (D) (+ portfolio & letter); Professional Photography (D) (+portfolio); Graphic Design (+ portfolio) (D); 3D Animation & Computer Generated Imagery (+ portfolio, letter & entrance drawing test) (D); Professional Music & Song Techniques (+) (V) ; Fashion Design (LaSalle); Video Game Design (LaS); 2d/3d Imagery (LaS/Interdec)</p> <p>HEALTH TECHNOLOGIES: Pre-Hospital Emergency Care (Paramedics) (driver’s license +) (JA) ; Medical Records Technology (O’S); Farm Management Technology (McGill); Special Care Counselling (V);</p> <p>COMMUNITY SERVICE TECHNOLOGIES: Social Service (D) (+interview);Community Recreation Leadership Training (+ interview) (D); Early Childhood Education (V) (+);Youth & Adult Correctional Intervention (JA) (Can lead to Criminology @ U of M, with some 3rd year courses credited); Police Technology(driver’s license +) (JA); Techniques de securite incendie (@ Montmorency en francais) requires DEP first</p>
<p>Sec IV Technical or Scientific math & any Sec IV Science</p>	<p><i>Every program above plus:</i> BUSINESS TECHNOLOGIES: Accounting & Management Tech (D); Business Management & International Trade (O’S); Advertising Management (C @ SL); Sports Marketing & Management (C @ SL); Business Administration (JAC) APPLIED SCIENCE TECHNOLOGIES: Electronics Engineering Technology (D)</p>
<p>Sec IV Technical or Scientific math & Sec IV Environmental Science¹⁴</p>	<p><i>Every program above plus:</i> APPLIED SCIENCE TECHNOLOGIES: Building Systems Eng Tech (V) ; Industrial Electronics (V) ; Architectural Technology (+) (V); Computerized Systems Technology (V) HEALTH SCIENCE TECHNOLOGIES: Radiological Technology: Diagnostic Imaging (+interview) (D)</p>
<p>Sec V Technical or Scientific math & any Sec IV Science</p>	<p><i>Most programs above plus:</i> APPLIED SCIENCE TECHNOLOGIES: Electronics Technology (Telecommunications & Computer) (Heritage); Computer Science Technology (D & V & JA) FINE ARTS TECHNOLOGIES: Industrial Design (D) BUSINESS TECHNOLOGIES: Accounting & Management Technology (V); Business Management (Marketing) (V) [sec IV Tech or Sc math may be enough if your overall averages are high)</p>
<p>Sec V Technical or Scientific math & Sec IV Environmental Science¹²</p>	<p><i>Every program above plus:</i> APPLIED SCIENCE TECHNOLOGIES: Civil Engineering Tech. (D); Industrial Design (D); Engineering Technologies: Photonics profile or Energy Management profile(JA) HEALTH SCIENCE TECHNOLOGIES: Radiological Technology: Radiation Oncology(+ interview) (D)</p>
<p>Sec V Technical or Scientific math & Sec V Physics</p>	<p><i>Every program above plus:</i> APPLIED SCIENCE TECHNOLOGIES: Aircraft Maintenance Technology (in English at College Edouard-Monpetit); Mechanical Engineering Technology (D) (math 406 is enough)</p>
<p>Sec V Technical or Scientific math & Sec V Chemistry</p>	<p><i>Most programs above plus:</i> HEALTH SCIENCE TECHNOLOGIES: Nursing (D,V, JA) (+ letter) [math 504 or one of the 406 maths is strongly recommended] ; Dental Hygiene (JA) [one of the 506 maths is strongly recommended]; Laboratory Technology – Analytical Chemistry (D) ; Environmental Wildlife Management (V) ; Respiratory Technology (D); Respiratory & Anaesthesia Technology (V); Animal Health Technology (V) [one of the 406 maths is enough in some cases: check program pamphlets or websites]</p>
<p>Sec V Technical or Scientific math & Sec V Chemistry & Physics</p>	<p><i>Every program above plus:</i> APPLIED SCIENCE TECHNOLOGIES: Chemical Engineering Technology (D)</p>

¹² All of these programs leave the door open for further studies at the university level. However, it is imperative that you see an academic advisor at CEGEP to ensure that you include courses at CEGEP that are specific pre-requisites for your target university program.

¹³ (+) indicates other requirements to be considered a good candidate for the program. For example, you may be required to present an artistic portfolio, to do an audition, take medical or psychological tests or interviews.

What if I'm missing pre-requisites?

- ❖ **Between sec IV & V:** the LBPSB Summer School offers a MATH 'bridge' course between Cultural > Technical math sec IV. Check with your Guidance Counsellor when summer school details arrive in May. There MIGHT also be a bridge course between Applied or General Science and Environmental Sciences.
 - Passing either bridge course would give you those credits on your MELS transcript, and the CEGEPs would see those when you apply.
 - However, it does **not** guarantee placement in sec V Technical math nor in chemistry &/or physics. Those are school-based decisions.
 - **After graduation:** LBPSB Adult Education @ CARTIER & PACC offer any courses needed on an individual course basis, including a list of summer courses for HS grads only. Call [C] 514-694-8500 or [P] 514-363-6213 for schedules and to register.
- ❖ **At CEGEP:** Most CEGEPs offer summer classes and half-or full year programs to make up missing pre-requisites:
 - SOME of these programs admit with sec IV cultural math: check the pre-reqs of your target program.
 - ALL of these programs include some English, French, Humanities and Phys Ed courses, which will be credited to your 'target' program when you start it.

If you have generally high marks and you want to get into Sciences but have never taken sec V advanced math, physics or chemistry,	CHAMPLAIN @ St. Lambert EXPLORATIONS	This two semester program is for students who want to get into any CEGEP program that is science related. It includes 'bridging' [HS > CEGEP] math and science courses. It is not for students who have failed advanced math or sciences in sec V. ¹⁵
If you have graduated with a strong overall average and have taken sec V advanced math & chemistry & physics but didn't get over 70% in one of those 3, apply directly to this program. If your term 2 marks go up, fax your improved report > Gail Edwards or scan & email it to gedwards@dawsoncollege.qc.ca	DAWSON DEVELOPMENTAL SCIENCE	This one or two semester programs is for students who have a strong overall average but whose math or science marks at sec V aren't strong enough for direct admission to Sciences. It includes remedial chemistry &/or physics &/or math plus general education subjects.
If you have never taken sec V level m & sc pre-requisites BUT do have >70% in IV Technical or Scientific math.	DAWSON EXPLORATIONS SCIENCE	This program is for students who want to take pre-university or Technical programs that need advanced math & sciences but have never taken those at the sec V level. Having passed also sec IV Environmental Science is recommended but not necessary..
Ditto directly above. <u>PLEASE NOTE:</u> This is not designed for students who have taken a math 506, physics and chemistry courses and earned less than 70% or failed one or more. ¹³	JOHN ABBOTT PATHWAYS TO SCIENCE	This one or two semester program is designed to allow students to take sec V courses they've never tried, with a Learning Techniques course and general education courses. They may stay in this Pathways for a second semester or apply to Science when they are ready.
If you have graduated with marks <70% OR are missing pre-requisites for a 3-year Technology program. <u>PLEASE NOTE:</u> This is not a way into Police Tech.	JOHN ABBOTT PATHWAYS TO A CAREER PROGRAM	This one or two semester program is for students who want to apply to a Technology program. It is also perfect for students who do not yet know which program they want to study, as it gives a "sample" of classes from different programs, and a Career Explorations course.
If you have graduated with marks <70% and want to get into Social Sciences.	JOHN ABBOTT PATHWAYS TO SOCIAL SCIENCES	This one-semester program is for students who want to prepare for the two year Social Science program. They will also get help developing effective study habits and a Career Explorations course, within a reduced course load.
If you have graduated with marks <70% and want to get into CALL.	JOHN ABBOTT PATHWAYS TO CALL	This is the Creative Arts Literature and Languages entry program. Same pre-requisites as for PATHWAYS TO SOCIAL above.
If you have graduated with overall marks <70% and don't know what you want to study @ CEGEP. Application requires a letter of intent.	VANIER EXPLORATIONS "Passages"	While looking at your CEGEP program options, you will also get help to improve your study skills.
If you have marks >70% in a math 406 & Environmental Science but have never taken sec V pre-requisites for science related CEGEP programs	VANIER "Prerequisites"	This one or two semester program is designed for students to make up missing pre-requisites for 2 or 3 year programs, while taking general education & compulsory classes that will "count" when you get into your target program.
If you have a low overall average or aren't even sure you can succeed at CEGEP, consider this private CEGEP.	CENTENNIAL College	Centennial is a private college in NDG that specializes in helping students achieve the best CEGEP results they can, through extra support, sometimes over 2 ½ years [5 semesters]. Contact www.centennial.qc.ca or call 514-486-5533

¹⁵ In those cases, please see an academic advisor @ CEGEP, as you may have to take them at Adult Academic Education [Cartier or PACC] before being admitted.

CEGEP APPLICATION PROCEDURES

For Fall 2011 all CEGEP applications will be online.

- **SRAM:** For John Abbott [www.johnabbott.qc.ca], Vanier [www.vaniercollege.qc.ca], Champlain at Lennoxville [champlaincollege.qc.ca/Lennoxville], and for Gerald Godin [www.cgodin.qc.ca] and all other French CEGEPs in the Montreal area, use the **SRAM** online application at <http://sram.omnivox.ca>. That site will open for applications by mid January. You can apply to **ONE** SRAM CEGEP program on your first round application (before March 1st). If you are refused, choose a second program at the same CEGEP for Round 2 (mid-April).
 - *> That means you have to decide between JAC & Vanier before you sit down to apply!*
- **COMMON** application system: for **Dawson** [www.dawsoncollege.qc.ca] and **& Champlain at St-Lambert** [www.champlaincollege.qc.ca/StLambert]. Access it through their websites. You can make **first and second choices** on the COMMON system when you complete your application before March 1st. If you are not accepted into your first choice of CEGEP program, they will transfer your file to your second choice program. **SO** it's a good idea to make your second choice a program at the same CEGEP that has either more space or fewer specific pre-requisites. See your Guidance Counsellor.
- **Marianopolis** [www.marianopolis.edu] has its own individual application procedure. You can apply online by mid-January, making 1st & 2nd program choices at that time. Remember, Marianopolis is a 'private' College – meaning you have to pay tuition as well as for books.¹⁶
- **Other Private Colleges** (ex. LaSalle & O'Sullivan & Centennial) also have their own application procedures, so you can apply to them also separately. See their websites for details: www.clasalle.com, www.osullivan.edu & <http://college.centennial.qc.ca>. Since they also charge tuition, see 16 below.
- **IMPORTANT:** Your application will not be complete without the following **documents**. Failure to provide all required documents **BEFORE MARCH 1st** could result in losing a place in your program!
 - **SRAM** (for **JAC & Vanier**); and **Dawson, Champlain @ St. Lambert** and **Marianopolis** can all access **sec IV & V marks** online. For **other colleges**, you may have to photocopy your final sec IV transcript and most recent sec V report card and mail them to ARRIVE BY March 1st;
 - **SRAM** (for **JAC & Vanier**), can access your **birth/ citizenship records online**, if you were born in Quebec.
 - For all other CEGEPs, you will have to make photocopies of the long form of your **birth certificate** [if born in Quebec].
 - **If you were born outside Quebec**, you must provide a copy of your **Canadian Citizenship documents** and mail those to every CEGEP concerned;
 - For most the **application fee [\$35]** is payable by credit card when you register online, or by mailing them a certified cheque or money order to be **received** by the **CEGEP** or **SRAM** by **March 1st**.
- *Very Important: Quote your **student file number** (from your online "application receipt") on anything you mail or fax!*

¹⁶ Do you need \$ to pay for your studies? Try:

- www.youcango.ca or www.studentsawards.com for scholarship & bursary guidelines/ links
- www.afe.gouv.qc.ca to apply [with your parents] for student loans (which MIGHT be supplemented with bursaries)

Know Your Characteristics/ Know Your Options
What's the best "FIT" for YOU?

Luckily, there are some reliable online versions of Interest [what you like to do], Aptitudes [what you're good at] and even Personality tests which score themselves, and tell you what 'fits' you. Once you've done a few of these, take the results to your Guidance Counsellor to talk over what you've found. Together you can strategize how to get there.....!

- www.careercruising.com [username & password available at your Guidance Office]
 - Explore Assessments (with 3 sets of Qs to do)
 - Create your own portfolio and **build your resume** [CV] online.
- <http://www.toutpoureussir.com/en/>
 - Personality/ Aptitude Test [takes a while to do but it is reliable info about you!]
 - Use this also to check job prospects by region in Quebec
- <http://www.jobsetc.ca> Use Career Navigator and Blueprint for Life/Work
 - For your abilities, interests and preferences.

***Labor Market Information**

When thinking about your education, it's important to think about the current and future needs of the labor market. **When you're finished your training, will you find a job?** Check out the following link:

- Looking-Ahead: A 10-Year Outlook for the Canadian Labor Market (2006-2015):
http://www.hrsdc.gc.ca/en/publications_resources/research/categories/labour_market_e/sp_615_10_06/page06.shtml#level (long address, but the link still works! ☺)
- In the chart below, College refers to our 3 year Technical programs

