

# CEGEP PREREQUISITES

For fall 2010 (Revised Jan 14<sup>th</sup>, 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
    - (Physical Science 416/436 are considered equivalent for HS grad)
  - 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

Passing these subjects in <b>HIGH SCHOOL</b>	Makes you eligible <sup>1</sup> for one of these <b>(2 year) PRE-UNIVERSITY PROGRAMS:</b>	Which can lead to <b>UNIVERSITY</b> studies in <sup>2</sup> :
<p><b>Basic HS Grad requirements</b> with</p> <p>Sec <b>IV</b> Cultural math &amp; Sec <b>IV</b> any Science</p>	<ul style="list-style-type: none"> <li>❖ <b>Creative Arts, Literature &amp; Languages (CALL)</b> <ul style="list-style-type: none"> <li>➤ <b>M<sup>3</sup> profiles:</b> Arts &amp; Letters; Languages</li> <li>➤ <b>JA profiles:</b> Media Arts; Languages; Arts &amp; Culture ; Theatre Arts</li> <li>➤ <b>D profiles:</b> Visual Arts; Cinema, Video &amp; Communications; Languages; Visual Arts; Arts &amp; Culture</li> <li>➤ <b>V profiles:</b> Modern Languages; Communications (Art, Media, Theatre); Modern Languages &amp; Music</li> <li>➤ <b>C @ StL profiles:</b> Digital Imaging/Studio Arts; Film/Video/Communication ; Photo, Design</li> <li>➤ <b>CG:</b> <i>Arts et Lettres / Cinema et Communication</i></li> </ul> </li> <li>❖ V, JA &amp; D: <b>Fine Arts</b><sup>+4</sup></li> <li>❖ V &amp; M: <b>Music</b>(+)</li> <li>❖ @ All: <b>Social Sciences</b> General or:                     <ul style="list-style-type: none"> <li>➤ <b>M profiles:</b> Environmental Studies; International Studies; Law, Society &amp; Justice; North American Studies; Psychology</li> <li>➤ <b>JA profiles:</b> Psychology</li> <li>➤ <b>V profiles:</b> Child Studies; Green Studies; International Studies; Law &amp; Society; Psychology; Sports &amp; Leisure</li> <li>➤ <b>D profiles:</b> Child Studies; Environmental Studies; Law, Society &amp; Justice; North-South Studies; Psychology; Travel &amp; Tourism</li> <li>➤ <b>C @ StL profiles:</b> Criminology, Education, Psychology, World Studies</li> <li>➤ <b>CG profiles:</b> <i>en francais pour etudiants anglophone</i></li> </ul> </li> <li>❖ @ All: <b>Liberal Arts</b> (80%+ average +)</li> <li>❖ @ All: <b>Honors Social Science</b> (85% min @ JAC)</li> <li>❖ (see p4)</li> </ul>	<p>Anthropology ; Art History; Canadian Studies; Cinema; Communication Studies; Digital Image/Sound*<sup>5</sup>; Education; The Fine Arts; Geography; Graphic Design; History; Interior Design; Journalism; Law<sup>5</sup>; Leisure Studies; Literature; Languages; Political Studies; Philosophy; Psychology (BA); Physical Education; Radio; Religious Studies; Social Work; Studio Art; Television; Theatre; Translation</p>
<p>Sec <b>V</b> Technical or Scientific math &amp; Sec <b>IV</b> any Science</p>	<ul style="list-style-type: none"> <li>❖ <i>Every program above plus:</i></li> <li>❖ JA, M: <b>Social Sciences with Math</b></li> <li>❖ D: <b>Social Science: International Business</b></li> <li>❖ @ All: <b>Social Sciences Commerce</b></li> <li>❖ GG: <b>Sciences humaine</b> <ul style="list-style-type: none"> <li>➤ Profil administration</li> </ul> </li> </ul>	<p>Actuarial Science; Business Administration; Commerce; Computer Science (Information Systems Option); Management; Mathematics</p>
<p>Sec <b>IV &amp; V</b> Technical or Scientific math and Environmental Science &amp; Physics &amp; Chemistry <sup>6</sup></p>	<p>Students missing 1-3 pre-reqs OR with 60 – 69% in any: Transition Programs [p4]</p> <ul style="list-style-type: none"> <li>❖ <i>Every program above plus see transition programs [p 4], and:</i></li> <li>❖ C, D,V,M: <b>Health Sciences/ First Choice Science</b></li> <li>❖ C, V: <b>IB Health Sciences</b></li> <li>❖ C, D,V,M: <b>Pure &amp; Applied Sciences/ First Choice Science</b></li> <li>❖ C, V: <b>IB Pure &amp; Applied Sciences</b></li> <li>❖ JA: <b>Sciences</b> (<i>combines both above for 1<sup>st</sup> year</i>)</li> <li>❖ @ All: <b>Science Plus/Honours</b> (with over 80%)</li> <li>❖ M: <b>Arts &amp; Sciences</b> (2 year with fine arts &amp; languages options)</li> <li>❖ <b>Double DEC programs</b><sup>7</sup>:                     <ul style="list-style-type: none"> <li>➤ V, M: Music &amp; Science</li> <li>➤ M: Arts &amp; Sciences</li> <li>➤ JA: Social Science &amp; Science</li> </ul> </li> </ul>	<p>Agriculture; Architecture; Audiology; Biology; Chemistry; Computer Engineering; Dentistry; Dietetics &amp; Nutrition; Earth Science; Engineering; Exercise Science; Food Science; Forestry; Geology; Mathematics; Medicine<sup>8</sup>; Nursing<sup>9</sup>; Occupational Therapy; Optometry; Pharmacy; Physics; Physiotherapy; Psychology (BSc); Speech Therapy; Veterinary Medicine</p>

<sup>1</sup> Eligibility of course is also determined by your **marks**. Your “overall average” is calculated with your final secondary IV marks and your secondary V summary marks from your term 2 report card. Your ‘overall average’ is the way the CEGEP judges you as a candidate. See note 6 [below].

<sup>2</sup> Thanks to SRAM and JAC for these university program lists. **For specific university program pre-requisites, always see an Academic Advisor at CEGEP.**

<sup>3</sup> 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

<sup>4</sup> (+) 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.

<sup>5</sup> 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.**

<sup>6</sup> With a **minimum of 70% in all pre-req classes**. Marianopolis looks for a minimum of 80% in all pre-reqs. The other CEGEPs use 85% as a cutoff for the Honours levels. However, recent application years have been more competitive than others, so the higher your marks are, the better your chances.

<sup>7</sup> These are pre-u programs in which students earn two College Diplomas in three years.

<sup>8</sup> It’s rare for students to be admitted directly into Medicine from CEGEP. Most Medicine students already have a Bachelor of Science degree.

<sup>9</sup> 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].

<b>PASSING THESE IN HIGH SCHOOL....</b>	Makes you eligible for these (3 year) <b>TECHNICAL PROGRAMS</b> <sup>10</sup> :
<b>Basic HS Grad requirements</b> with  Sec <b>IV</b> Cultural (or any) math & Sec <b>IV</b> any Science	<b>BUSINESS TECHNOLOGIES:</b> Information & Library Technologies (JA); Publication Design & Hypermedia Technology (JA); Office Systems Technology: Micropublishing & Hypermedia (V); Business Management (V); Business & Mngmt (Marketing) (D); Office Systems Technology (D); Tourism (LaS); Paralegal Technology (O'Sullivan); Tourism management (C @ SL)  <b>FINE ARTS TECHNOLOGIES:</b> Professional Theatre (Acting Option) (JA,D) (+) <sup>11</sup> ; Professional Theatre (Technical & Design Option) (JA); Publication Design and Hypermedia Technology (JA); Illustration & Design (with Art 534) (D) (+); Interior Design (D) (+); Professional Photography (D) (+); Graphic Design (+) (D); 3D & Computer Generated Imagery (+) (D); Professional Music & Song Techniques (+) (V) ; Fashion Design (LaSalle); Video Game Design (LaS); 2d/3d Imagry (LaS/Interdec)  <b>HEALTH TECHNOLOGIES:</b> Pre-Hospital Emergency Care (Paramedics) (+) (JA) ; Medical Records Technology (O'S); Farm Management Technology (McGill)  <b>COMMUNITY SERVICE TECHNOLOGIES:</b> Social Service (D) (+);Community Recreation Leadership Training (+) (D); Early Childhood Education (V) (+); Special Care Counselling (V); Youth & Adult Correctional Intervention (JA) (Can lead to Criminology @ U of M, with some 3 <sup>rd</sup> year courses credited); Police Technology(+)(JA); Techniques de securite incendie (@ Montmorency en francais) requires DEP first
Sec <b>IV</b> Technical or Scientific math & Sec <b>IV</b> any Science	Every program above plus: <b>BUSINESS TECHNOLOGIES:</b> Accounting & Management Tech (D); Business Management & International Trade (O'S); Advertising Management (C @ SL); Sports Marketing & Management (C @ SL); Business Administration (JAC)
Sec <b>IV</b> Technical or Scientific math & Sec <b>IV</b> Environmental Science <sup>12</sup>	Every program above plus: <b>APPLIED SCIENCE TECHNOLOGIES:</b> Building Systems Eng Tech (V) ; Industrial Electronics (V) ; Architectural Technology (+) (V); Computerized Systems Technology (V) ; Electrotechnology (D) <b>HEALTH SCIENCE TECHNOLOGIES:</b> Radiological Technology; Diagnostic Imaging (+) (D)
Sec <b>V</b> Technical or Scientific math & Sec <b>IV</b> any Science	Most programs above plus: <b>APPLIED SCIENCE TECHNOLOGIES:</b> Electronics Technology (Telecommunications & Computer) (Heritage); Computer Science Technology (D & V & JA) <b>FINE ARTS TECHNOLOGIES:</b> Industrial Design (D) (+) <b>BUSINESS TECHNOLOGIES:</b> Accounting & Management Technology (V); Business Management (Marketing) (V) [sec IV Tech or Sc math may be enough if your overall averages are high]
Sec <b>V</b> Technical or Scientific math & Sec <b>IV</b> Environmental Science <sup>12</sup>	Every program above plus: <b>APPLIED SCIENCE TECHNOLOGIES:</b> Civil Engineering Tech. (D); Industrial Design (D) <b>HEALTH SCIENCE TECHNOLOGIES:</b> Radiological Technology; Radiation Oncology(+)(D);
Sec <b>V</b> Technical or Scientific math & Sec <b>V</b> Physics	Every program above plus: <b>APPLIED SCIENCE TECHNOLOGIES:</b> Aircraft Maintenance Technology (in English at College Edouard-Monpetit); Engineering Technologies: Photonics profile or Energy Management profile(JA); Mechanical Engineering Technology (D) (sec IV T or S math is enough)
Sec <b>V</b> Technical or Scientific math & Sec <b>V</b> Chemistry	Most programs above plus: <b>HEALTH SCIENCE TECHNOLOGIES:</b> Nursing (D,V, JA) [sec IV math is minimum math pre-req] ; Laboratory Technology (Analytical Chemistry) (D) ; Environmental Wildlife Management (V) ; Biomedical Lab Technology/ Analytical Chemistry (D) [sec IV T or S math is enough] ; Respiratory Technology (D); Respiratory & Anaesthesia Technology (V); Animal Health Technology (V) [sec IV T or S math is enough in some cases: check program pamphlets or websites]
Sec <b>V</b> Technical or Scientific math & Sec <b>V</b> Chemistry & Physics	Every program above plus: <b>APPLIED SCIENCE TECHNOLOGIES:</b> Chemical Engineering Technology (D) <b>HEALTH SCIENCE TECHNOLOGIES:</b> Dental Hygiene (JA)

<sup>10</sup> 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.

<sup>11</sup> (+) 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.

<sup>12</sup> PLEASE NOTE: For students graduating in 2010, PSc 436 will be considered an EQU pre-requisite to Environmental Science by SRAM CEGEPs [see p 5] and by Dawson College. For others, see your Guidance Counsellor before applying.

### 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. Check with your Guidance Office in May.
  - 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 half-or full year programs to make up missing pre-requisites &/or marks.
  - 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.

<b>If you have generally high marks and you want to get into Sciences but you're graduating with sec V Cultural math and no physics nor chemistry,</b>	<b>CHAMPLAIN @ St. Lambert EXPLORATIONS</b>	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. <sup>13</sup>
<b>If you have graduated with all sec V math &amp; science pre-requisites but with marks &lt; 70%</b>	<b>DAWSON DEVELOPMENTAL SCIENCE</b>	This one or two semester programs is for students who have "just" passed sec V Technical or Scientific math, physics and chemistry. It includes a reduced load of science classes plus "bridging" classes to improve science skills.
<b>If you have never taken sec V level m &amp; sc pre-requisites BUT do have &gt;70% in IV Technical or Scientific math and in IV Environmental Science</b>	<b>DAWSON EXPLORATIONS SCIENCE</b>	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.
<b>Ditto directly above.</b> <u>PLEASE NOTE:</u> This is not designed for students who have taken the sec V technical or scientific math, physics and chemistry courses and failed one or more. <sup>13</sup>	<b>JOHN ABBOTT PATHWAYS TO SCIENCE</b>	This one or two semester program is designed for students who want to apply to pre-university Science but lack one of the sec V pre-requisites.
<b>If you have graduated with marks &lt;70% OR are missing pre-requisites for a 3-year Technology program.</b> <u>PLEASE NOTE:</u> This is not a way into Police Tech.	<b>JOHN ABBOTT PATHWAYS TO A CAREER PROGRAM</b>	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.
<b>If you have graduated with marks &lt;70% and want to get into Social Sciences.</b>	<b>JOHN ABBOTT PATHWAYS TO SOCIAL SCIENCES</b>	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.
<b>If you have graduated with marks &lt;70% and want to get into CALL.</b>	<b>JOHN ABBOTT PATHWAYS TO CALL</b>	This is the Creative Arts Literature and Languages entry program. Same pre-requisites as for PATHWAYS TO SOCIAL above.
<b>If you have graduated with marks &lt;70% and don't know what you want to study @ CEGEP</b>	<b>VANIER EXPLORATIONS II "Passages"</b>	While looking at their CEGEP program options, they will also get help to improve their study skills.
<b>If you have graduated but have marks &lt;70% &amp; /or are missing sec V math &amp;/or science pre-requisites</b>	<b>VANIER EXPLORATIONS V Access to Science &amp; Technologies</b>	This one or two semester program is for students who want to apply to a Science or Technology program at Vanier.
<b>If you have marks &gt;70% but are missing sec V pre-requisites for Sciences</b>	<b>VANIER EXPLORATIONS VI</b>	This one or two semester program is designed for students who want to apply to pre-university Science but are missing sec V Technical or Scientific math, Chemistry or Physics

<sup>13</sup> 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 APPLICATIONS**

For Fall 2010 all CEGEP applications will be online.

- **SRAM:** For John Abbott [[www.johnabbott.qc.ca](http://www.johnabbott.qc.ca)], Vanier [[www.vaniercollege.qc.ca](http://www.vaniercollege.qc.ca)], Champlain at Lennoxville [[champlaincollege.qc.ca/Lennoxville](http://champlaincollege.qc.ca/Lennoxville)], and for Gerald Godin [[www.godin.qc.ca](http://www.godin.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 1<sup>st</sup>). 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](http://www.dawsoncollege.qc.ca)] and **& Champlain at St-Lambert** [[www.champlaincollege.qc.ca/StLambert](http://www.champlaincollege.qc.ca/StLambert)]. You can access that system through their websites. You can make **first and second choices** on the COMMON system. 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.
- **NEW!! Marianopolis** [[www.marianopolis.edu](http://www.marianopolis.edu)] has just announced they will have their own individual application procedures starting this year. You can apply by mid-January and can make 1<sup>st</sup> & 2<sup>nd</sup> program choices. Remember, Marianopolis is a 'private' College – meaning you have to pay tuition as well as for books.
- **Other Private Colleges** (ex. LaSalle & O'Sullivan) also have their own application procedures, so you can apply to them also separately. See their websites for details: [www.clasalle.com](http://www.clasalle.com) and [www.osullivan.edu](http://www.osullivan.edu).
- **IMPORTANT:** Your application will not be complete without the following **documents**. Failure to provide all required documents **BEFORE MARCH 1<sup>st</sup>** could result in losing a place in your program!
  - **SRAM (for JAC & Vanier); Dawson, Champlain 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 1<sup>st</sup>;
  - **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 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 the 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 1<sup>st</sup>**.
- **Very Important:** Quote your **student file number** (from your online application's "application receipt") on anything you mail or fax!

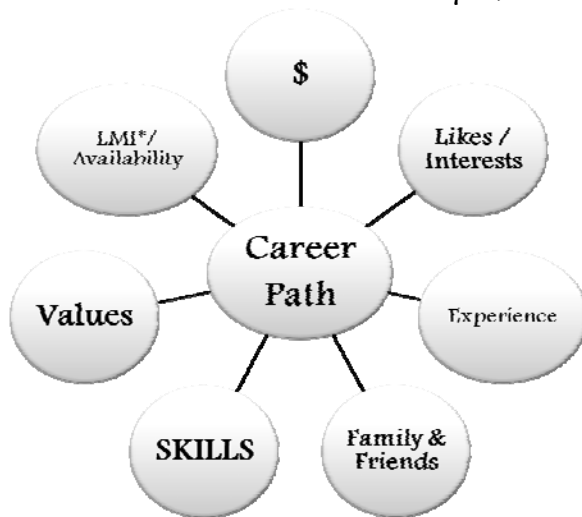
Know Your Characteristics/ Know Your Options

## **What's the best "FIT" for YOU?**

It used to be that Guidance Counsellors would go into classes to supervise and score tests that would tell students how what they liked to do [Interests], what they're good at [Aptitudes], and even how their Personality Types would 'fit' or 'match' different career fields. Luckily, there are now some reliable online versions of those tests which score themselves. Once you've done a few, 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](http://www.careercruising.com) [username & password available at your Guidance Office]
  - Matchmaker Interest Inventory (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!]
- <http://www.jobsetc.ca/CareerNavigator> and [Blueprint for Life/Work](#)
  - Abilities
  - Interests
  - Preference

***These things all influence your ideas about the world of work. Take time to think about them! For example, how much \$ is 'enough'? Are there other things that are more important to build your career around? What would your family & friends think of your chosen career? Can you incorporate things you like to do? What are you REALLY good at? How have your experiences so far affected you? You're always looking for a good balance between work and recreation. Will you find that....?***



### **\*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](http://www.hrsdc.gc.ca/en/publications_resources/research/categories/labour_market_e/sp_615_10_06/page06.shtml#level) (link still works! ☺)