

CEGEP Programming Pre-requisite Guide

Choosing the right CEGEP program can be a very difficult task for many students. Perhaps more difficult is choosing the appropriate courses to take at the high school level in order to be prepared and eligible for your area of interest. Listed below are the possible pathways and pre-requisites students can take at Philemon Wright, and what CEGEP programming is available to them thereafter. Note that it is never too late to acquire desired pre-requisites. If your particular situation is not outlined below, please see you Academic Advisor for further details.

PHILEMON WRIGHT			C.E.G.E.P.	
Grade 9	Grade 10	Grade 11	Pre-University Programs (2 years)	Technical/ Professional Programs (3 years)
Sec. III Math (final result of 75% or below)	Sec. IV Cultural Math	Sec. V Cultural Math	<ul style="list-style-type: none"> - Creative Arts, Literature & Languages (C.A.L.L.) profiles - Visual/Fine Arts - Music - Liberal Arts (without Math) - Social Sciences (without Math) <i>*some above programs are available with an Honours profile (85% minimum)*</i> - Transition/Pathways programs <i>*these programs allow students without required prerequisites to attain them while attending General Education courses at their CEGEP of choice*</i> 	<p>COMMUNITY SERVICE PROFILES:</p> <ul style="list-style-type: none"> - Social Service - Early Childhood Education - Special Care Counselling - Youth & Adult Correctional Intervention - Police Technology <p>FINE ARTS PROFILES:</p> <ul style="list-style-type: none"> - Professional Theatre (Acting or Technical) - Hypermedia and Publication Design - Illustration and Design - Interior or Graphic Design - Professional Photography - 3D & Computer Generated Imagery - Professional Music/Song Techniques - Fashion Design <p>HEALTH SCIENCE PROFILES:</p> <ul style="list-style-type: none"> - Pre-Hospital Emergency Care (Paramedic) - Farm Management Technology <p>BUSINESS PROFILES:</p> <ul style="list-style-type: none"> - Information & Library Technologies - New Media - Office Systems Technology - Business Management - Paralegal Technology - Tourism - Hotel Management
Sec. III Applied Science	Sec. IV Applied Science or General Science with Environmental Science Option	No Grade 11 Science electives		
Sec. III Math (final result of 76% or higher)	Sec. IV Science Math	Sec. V Cultural Math	All programs above	<p>All programs above as well as:</p> <p>APPLIED SCIENCE PROFILES:</p> <ul style="list-style-type: none"> - Agricultural Technologies <p>BUSINESS PROFILES:</p> <ul style="list-style-type: none"> - Accounting & Management Technology - Business Management (Marketing) - Sports Marketing & Management - Advertising Management
Sec. III Applied Science	Sec. IV Applied Science	No Grade 11 Science electives		

Sec. III Applied Science	Sec. IV General Science with Environmental Science Option	No Grade 11 Science electives	All programs above	All programs above as well as: APPLIED SCIENCE PROFILES: - Building Systems Engineering Technology - Industrial Electronics - Electronics Technologies - Applied Physics Technologies HEALTH SCIENCE PROFILES: - Radiological Technology - Animal Health Technology
Sec. III Math (final result of 75% or below)	Sec. IV Cultural Math (final result of 75% or higher)	Sec. IV Science Math	- Transition/Pathways programs <i>*these programs allow students without required prerequisites to attain them while attending General Education courses at their CEGEP of choice*</i> <i>*students who finish Sec. III Math with a final mark below 75% experience great difficulty being successful when proceeding directly into Sec. IV Science Math. Therefore, we encourage these students to take Sec. IV Cultural Math in Grade 10 to get their graduation requirement Math and build a foundation, then choose Sec. IV Science Math in Grade 11. They will then be able to acquire further pre-requisites (if necessary) in a "bridging" semester at their CEGEP of choice*</i>	<i>*eligibility determined by pre-requisites taken in Transition/Pathways program. See above/below for further details*</i>
Sec. III Math (final result of 76% or higher)	Sec. IV Science Math	Sec. V Science Math	All programs above as well as: - Social Science: Commerce profile - Social Science with Math option - Liberal Arts with Math option	All programs above as well as: - Business Administration - Computer Science (Information Systems Option) - Management - Mathematics
Sec. III Math (final result of 76% or higher)	Sec. IV Science Math	Sec. V Science Math	- Health Sciences - Pure & Applied Sciences - Sciences (John Abbott, combines both the above in 1 st year) - Science with Honours (with over 80%)	APPLIED SCIENCE PROFILES: - Chemical Engineering Technology <i>Physics only:</i> - Aircraft Maintenance Technology - Engineering Technologies - Photonics/Energy Management - Mechanical Engineering Technology
Sec. III Applied Science	Sec. IV General Science with Environmental Science Option	Sec. V Physics & Chemistry	DOUBLE D.E.C. PROGRAMS: [Programs in which students receive two college diplomas in three years] - Music & Science - Arts & Sciences - Social Science & Science <i>*students missing 1-3 pre-requisites or with 60-69% in any of those listed must begin in a transition program*</i>	HEALTH SCIENCE PROFILES: <i>Chemistry only:</i> - Nursing (only Sec. IV Cultural Math is required) - Laboratory Technology - Environmental Wildlife Management - Dental Hygiene - Respiratory Technology - Biomedical Lab Technology (only Sec. IV Science Math is required)

Adult Education Diploma Requirements

- A total of 54 credits (at the Secondary IV and V level)
- 20 of the total 54 credits must be at the Secondary V level
- Secondary V English (6 credits)
- Secondary V French (minimum 4 credits)
- Secondary IV Math (minimum 4 credits)
- Secondary IV Social Studies (minimum 4 credits) *
- Secondary IV Science or Technology (minimum 4 credits) ^

* Students can take the History & Citizenship course offered in the youth sector, or choose from other Social Studies electives including Economics or Geography in order to attain these credits.

^ Students who intend on proceeding to CEGEP programming will be required to take Science credits (i.e. – Physical Science 416, Biology 534, etc.) in order to be eligible. Otherwise, students are free to get these minimum 4 credits from Technology courses as well (i.e. – Computer Science, Word Processing, etc.)

W.Q.C.C. Vocational Programming Pre-requisite Guide

Students interested in studying in vocational trades can do so following the completion of their high school diploma, or once they are 16 years of age and have achieved the appropriate pre-requisite levels for their program. Listed below are the pre-requisites for the trades offered at the Western Quebec Career Centre (in the Aylmer sector). There are many other vocational trade courses offered in other areas, please see an Academic Advisor for further details.

NOTE: Not all programs are offered during every session; the running of specific programs is based on interest and enrolment.

Program Name (alphabetically)	Number of Hours	Pre-requisite Levels (Sec. 3, 4 or 5)		
		English	French	Math
Accounting	1350	4	4	4
Assistance in Health Care Facilities	750	3	3	3
Automobile Mechanics	1800	4	4	4

Cabinet Making	1650	4	4	4
Carpentry	1350	4	4	4
Electronic A/V Equipment Repair	1800	4	4	4
Health, Assistance and Practical Nursing**	1800	5	5	4
Home Care Assistance	975	3	3	3
Hotel Reception	735	4	4	4
Industrial Drafting	1800	4	4	4
Residential and Commercial Drafting	1800	4	4	4
Secretarial Studies	1485	4	4	4
Starting a Business	330	N/A	N/A	N/A
Travel Sales**	1245	5	5	5
Welding and Fitting	1800	4	4	4

**indicates programs in which a student must be 18 in order to enrol.