



**RICHMOND REGIONAL
HIGH SCHOOL**

INFORMATION BOOKLET

and

COURSE SELECTION

for

SECONDARY 5

2021-2022 SCHOOL YEAR

WHAT YOU NEED TO KNOW BEFORE CHOOSING YOUR OPTIONS

Requirements needed for a Secondary Diploma:

The Minister shall award a Secondary School Diploma to students who earn at least 54 credits at the Secondary 4 or 5 levels. Among those credits, there must be at least 20 credits at the Secondary 5 level including:

- Secondary 5 English Language Arts
- Secondary 5 French Second Language
- Secondary 4 Mathematics
- Secondary 4 Science
- Secondary 4 History and Citizenship Education
- Secondary 4 Arts Education (Arts, Dance, Drama, Music or Industrial Arts)
- Secondary 5 Ethics and Religious Culture or Physical Education and Health

Samples of D.E.P. Programs:

Industrial Mechanic
Hairdressing
Cabinet Making
Auto Mechanics
Construction Trades (Plumbing, Carpentry, etc.)
Home Care Assistance
Electricity

If your goal is to enter a D.E.P. (Vocational Education Program) you will need the following:

- You have obtained a high school diploma

Or

- You are 16 years of age and have obtained credits for Secondary IV English Language Arts, French Second Language and Mathematics.

Or

- If you have obtained credits in Secondary III English, French and Math, you can enroll in the **Concomitance (also known as '24U')** program. You can begin certain DEP programs 3 days/week, while completing your Secondary IV English, French and Math courses 2 days/week. (With the completion of a DEP and Secondary V English and French, you could also earn your High School graduation certificate with this program).

This website has more information: <https://site.esdessommets.qc.ca/concomitance-estrie/english/>

For more information about programs in Vocational Education check the website at:

www.inforoutefpt.org

or see your guidance counselor

If you plan to attend CEGEP (college studies) once you have obtained your high school diploma:

CEGEPs offer two kinds of programs:

- Pre-University:
2 year general programs of study for students who wish to continue their education at the university level
- Career Technologies:
3 years specialized career program for students who wish to either enter the work force once they have completed their college studies or continue on to university

Along with requiring a high school diploma, some CEGEP programs have additional course requirements:

PRE-UNIVERSITY PROGRAMS (2 YEARS):

<u>Programs</u>	<u>Leading to programs such as:</u>	<u>High School courses required</u>
Sciences (Health and Pure and Applied Sciences)	Dentistry, Medicine, Pharmacy Veterinary Medicine, Physiotherapy, Architecture, Engineering and Computer Science	Sec.5 Math Science Option Sec. 5 Chemistry and Sec. 5 Physics
Social Science	Anthropology, Criminology, Social Work, Law, Education, Psychology, History and Economics	Sec. 4 Cultural, Social and Technical Math
Social Science (with Math)	Commerce, Accounting, Finance, Marketing and Advertising	Sec. 5 Math Science Option
Creative Arts	Cinema, Communications, Journalism	Sec. 4 Cultural, Social and Technical Math
Liberal Arts	Translation, Linguistics, Languages, Journalism Classics, Education, History, Law	Sec. 4 Cultural, Social and Technical Math
Arts	Fine Arts, Music, Graphic Arts	Sec. 4 Cultural, Social and Technical Math

CAREER OR TECHNOLOGY PROGRAMS (3 YEAR):

Programs in the...

Biological sciences (Animal Health, Dental Hygiene, Nursing, Diagnostic Imaging, etc.)	- Many require advanced math – check - <u>usually</u> requires Sec. 4 Environmental Science and perhaps Sec. 5 Chemistry or Physics
Physical sciences (Architectural Tech., Mechanical Engineering Tech., Industrial Electronics, etc.)	- at least Sec. 4 Math: Science Option - <u>often</u> requires Sec. 5 Chemistry &/or Physics
Social Science (Police Tech., Special Care Counseling, Early Childhood, etc.)	- Sec. 4 Cultural, Social and Technical Math
Administrative (Accounting, Advertising Management, etc.)	- Check program – some need math science option, some don't
Applied Arts (Music, Theatre, Photography, Graphic or Interior Design, etc.)	- Sec. 4 Cultural, Social and Technical Math - May also have to submit a portfolio or audition

* For more information on specific CEGEP prerequisites: www.pygma.ca or see your guidance counselor

* Explore occupations and fields of study at www.careercruising.com

Username: Richmond Password: Regional

Course Descriptions – Options (2021-2022)

- Chemistry 5** – (4 credits at Sec. 5) This course focuses on four general concepts: gases and their applications; energy in chemical reactions, rate of chemical reactions, and chemical equilibrium. Pre-requisite: Environmental Science.; All of these concepts require mathematical applications, therefore, a strong background in math and science is necessary.
- Physics 5** – (4 credits and Sec. 5) This course is a pre-requisite for several science and technology courses in CEGEP. Students should have an interest in understanding natural and technological topics such as: the nature of light, reflection and refraction of light, vision optics, motion (displacement, velocity, acceleration) force, machines, work, energy and power. Students are required to mathematically model these concepts so a strong background in Math and Science is essential. Pre-requisite: Environmental Science.
- Exploration of Vocational Education (Shops)** – (4 credits at Sec. 4 or 5) This course will allow students to explore vocational education shops such as mechanics, welding and woodworking.
- Gift: Girl in fitness training (4 credits at sec 4or 5)** This is a course that will be offered to girls only. We will show you how to master fitness and health so that it is a natural and easy part of your life and will boost your self-esteem and confidence. We will also discuss different topics such as healthy habits, family, school, friendships and of course relationships. You are required to wear gym clothes every class.
- Fitness** - (4 credits at Sec. 4 or 5) Students will learn how to develop their global fitness level. This goal will be achieved by using different methods of training, learning basic anatomy and by experiencing different sports and activities. The student will work on fitness-related projects such as current sports and events (i.e. Olympics). The student will acquire the knowledge necessary to make healthy choices with regards to improving their fitness level (nutrition, weight-training, healthy habit..etc.).
- Interior Design** – (4 credits at sec 4 or 5) - This course is about creating and designing homes. You will be creating blueprints, 3D models of houses/rooms and the art around home design. Create, design and build your future house, redecorate your bedroom or design a futuristic and innovative home. If you loved the treehouse project...this course is for you! Join Ms Barrowman in creating your dream home.
- Leadership** - (4 credits at Sec. 4 or 5) This course is aimed for students who are interested in developing essential leadership skills, while developing school activities and school spirit. This course will focus on building and learning the necessary skills of a leader and then putting these skills into practice throughout the school by organizing various activities. This course entails participation, hard work, extra time and school spirit. It offers experience in communication, teamwork, public speaking and most importantly fundamental leadership skills.
- Mechanics/Metalwork/Welding** - (4 credits at Sec. 4 or 5) Create/design your own metal project with the aid of hand and power tools such as hacksaw, file, angle grinder, welder, plasma cutter etc. Learn how to do basic maintenance and in depth work on vehicles such as a car, truck, small engines, skidoo, 4-wheeler etc.
- Music Multimedia** – (4 credits at Sec. 4 or 5) Students should have an interest in creating their own music while using technology and instruments. They will create podcast, jingles and songs with the help of the software Garage Band.
- Photography/Videography** – (4 credits at Sec. 4 or 5) This class focuses on the theory and practice of both photography and videography. Students will learn how to use a camera and its functions along with different skills and techniques based in the art form. There will be many mini field trips as part of many projects will happen outside the classroom. This class is also focused on creating portfolios and to help with college applications within the fine arts.
- Spanish** – (4 credits at Sec. 4 or 5) Students should have an interest in learning a third language and exploring the language and culture of the peoples of Hispanic countries. This course will enable students to get along with the basic vocabulary as well as acquaint them with the art, music, folklore and geography of these countries.
- Wood** - (4 credits at Sec. 4 or 5) Use your own inspiration to create/design your own wood project next to some of the compulsory projects. Basic safety regulations as well as individual projects will be covered in each shop.
- Note: With the exception of Physics and Chemistry, not all the above courses will be offered. This will be determined by student enrolment.**