

# Virden Collegiate Institute

## 2020 – 2021

### COURSE REGISTRATION WORKSHEET

<http://vci.flbsd.mb.ca/maplewood>

Name \_\_\_\_\_

Due Date: April 12<sup>th</sup>, 2021

### GRADE 10 – Semester 1&2 (5 Compulsory – BOLD)

<input type="checkbox"/> LAE20F	<b>Language Arts English</b>
<input type="checkbox"/> GIS20F	<b>Geographic Issues of the 21<sup>st</sup> Century</b>
<input type="checkbox"/> PED20F	<b>Phys Ed/Health Framework</b>
<input type="checkbox"/> SCI20F	<b>Science</b>
<input type="checkbox"/> MES20S	<b>*Essential Mathematics</b> <span style="float: right;"><b>*Choose at least 1 Math</b></span>
<input type="checkbox"/> MAC20S	<b>*Intro to Applied &amp; Pre-Calculus Math</b>

Optional Courses (Select 5)

<input type="checkbox"/> ACE 30S	Accounting Essentials ( <i>Business Diploma</i> )		
<input type="checkbox"/> ART20S	Visual Arts 1A		
<input type="checkbox"/> ASS20S/EFS 30S	Automotive Systems and Services / Engine Fundamentals (2) – ( <i>PM Diploma</i> )		
<input type="checkbox"/> BEN20S	Entrepreneurship ( <i>Business Diploma</i> )		
<input type="checkbox"/> BND20G	Concert Band		
<input type="checkbox"/> CCH20G	Concert Choir	<input type="checkbox"/> GRA20G	Graphic Arts
<input type="checkbox"/> CPR20S	Creative Promotions ( <i>Business Diploma</i> )	<input type="checkbox"/> FAN20G	Foods and Nutrition
<input type="checkbox"/> CSC20S	Computer Science	<input type="checkbox"/> IAW20G	Woodwork Technology
<input type="checkbox"/> DRA20S	Drama	<input type="checkbox"/> LWP20S	Life/Work Planning
<input type="checkbox"/> FRE20F	French	<input type="checkbox"/> PFN20S	Personal Finance ( <i>Business Diploma</i> )
<input type="checkbox"/> FST20F	Family Studies	<input type="checkbox"/> RIT 20S	Indigenous Culture Class ( <i>Reading is Thinking</i> )

**Due to class sizes, there may be a restricted number of students accepted into some courses. Therefore, students will be entered on a “first come, first served” basis. Student Service staff will work to ensure all students receive a proper timetable.**

<p><b>Accounting Essentials 30S</b> Essentials helps students gain an understanding of basic accounting. With an emphasis on accounting for a service business, students will apply their knowledge and skills to complete the stages of the accounting cycle. Accounting Essentials provides the fundamentals of accounting and is a good choice for students who plan to further their finance studies in Accounting Systems. Students interested in pursuing post-secondary studies in any business discipline will benefit considerably by completing this course.</p>	<p><b>Art 20S</b> This is an introductory course. The elements and principles of art theory are studied through application in assigned studio artwork. An emphasis on drawing is designed to enhance visual perceptual skills. The course also includes art history and art critique. A variety of media are used. Students are expected to display their work in an art show. Class size is limited by space. There will be a cost to cover materials.</p>
<p><b>Automotive Systems and Service 20S</b> A student wanting to develop skills in the automotive service and repair industry must have knowledge of the basic principles related to automotive systems and service. Students learn safety, tools and equipment including Oxy-Acetylene (OAW) welding and cutting, automotive systems and service procedures and are introduced to diagnosis strategies.</p> <p><b>Engine Fundamentals and Service 30S (EFS 30S)</b> A student wanting to develop skills in the automotive service and repair industry must have knowledge of the basic principles of the internal-combustion engine, the inner workings and relations of the engine components and how those relate to vehicle operation. The student will learn the procedures to service, repair and replace engines and their components.</p>	<p><b>Entrepreneurship 20S</b> Entrepreneurship focuses on developing the foundations skills and ideas needed to plan and develop a business. This course is relevant to high school students since many are already involved in their communities, and are starting to recognize various needs, and opportunities in their areas. Students begin by evaluating innovation, inventions, and innovative ideas. They learn the process of planning, marketing, and implementing a venture. This course is designed for students interested in business principles related to the ownership and management of a business.</p>
<p><b>Concert Band 20G</b> Band classes meet every second day for the entire school year. The Band program covers all types of music from Baroque to Modern 20th Century music. Band skills such as technical, expressive and reading skills are developed and emphasized. Music history, theory and ear training are part of the Band program. The band performs throughout the year. In all band years, the goal is to develop a well-trained and skilled band member. Out-of-class activities include performances at assemblies, concerts, Virden Festival and Optimist Festival (Winnipeg), band tours, and clinics. Enthusiasm and a love of music are required.</p>	<p><b>Creative Promotions 20S</b> Creative Promotions helps students develop an understanding of promotional communication from both a theoretical and a practical approach. The course focuses on advertising strategies, direct marketing, personal selling, sales promotions, and public relations. Students will apply these concepts and their creativity to design a variety of promotional and advertising material. Creative Promotions is designed for students who are looking to expand their business knowledge regarding communicating effectively and creatively.</p>
<p><b>Concert Choir 20G</b> The school choral program focuses on singing a wide variety of music. Students sing popular music, and music that goes as far back as the Renaissance Era. Choral skills such as technical, expressive and reading skills are developed. Music history, theory, and ear training are studied through repertoire. Throughout the school year, many chances to perform arise, including a variety of concerts around the community. Some assignments include performances outside of the school day. Choral ensemble 20G, 30S and 40S are a continuation of the previous year. In all the courses, the goal is to develop well-trained and skilled choral member. You do not need to know how to read music before joining the choir. All you need is an enthusiasm for singing and a willingness to perform!</p>	<p><b>Dramatic Arts 20G</b> Students will participate in theatre games to build ensemble and develop their own creativity and improvisational skills. Throughout the term, students will review and use theatre terminology, expand their dramatic performance skills, and gain knowledge in characterization through use of body and voice. Students will participate in monologue analysis and performance, dance projects, and scene work in small and large groups, working towards performances at festival and a final showcase.</p>
<p><b>French 20G</b> Using a balanced literacy approach, motivated students will acquire language skills to communicate in French as well as appreciating francophone cultures. Grade 10 students will need to listen actively, to use spoken French to the best of their ability, to read and discuss texts, and to write about topics discussed in class or occurring in their lives. Studying French enhances learning of other languages, making one multilingual. The multilingual language learner will see many opportunities for jobs, careers, education, travel and relationships. You will need a device (eg. Tablet or laptop) in order to access Microsoft One Note as well as other online resources.</p>	<p><b>Family Studies 20F</b> Students will cover the fundamentals of child development from pre-natal to toddler. It studies the student's needs through physical, emotional, intellectual, and social stages of development. Students are expected to wear a pregnancy vest and to care for a baby simulator for 72 hours.</p>

**Computer Science 20S**

This course is intended to offer the student the level of programming available to the prospective college student who intends to major in computer science, mathematics, or engineering. Students will begin programming using Scratch. Scratch is web based and utilizes block programming. Students will move onto Processing, which utilizes Java along with a visual design component. Students conclude the year by coding in Beetle Blocks, which is a 3D web-based block language. Beetle Blocks projects can be 3D printed. At the end of the semester, each student will create a final project to demonstrate the skills they have acquired during the year. A strong mathematical background is encouraged but not a prerequisite.

**Foods and Nutrition 20G**

Presents more detailed information about food and nutrition. Three areas of study include significance of food; consumerism; and planning and preparing selected recipes. The first area contains information on factors influencing our food choices such as cultural, social, and economics of the family group. The science of nutrition studies the nutrients, calories, and how the body uses each, including the effects food choices have on an individual and their health. Fad diets, snacking, and fast food are studied. Students research to find lower calorie and nutrient rich meals and foods. Further study may include concerns about the nutrition of various groups of people within Canada. The second area, consumer aspects of food and nutrition, looks at consumer issues such as decision-making, resources, advertising and consumer behavior. Time may be spent looking at some of the agencies and legislation designed to protect consumers and their purchases. The third unit involves about one third of the total semester. In planning, preparing, and serving of food, there is information about family food needs as well as management skills in time and energy use. Safety and proper food handling is emphasized. Sanitation in food handling is studied to protect the health of people.

**Graphics Arts 20G**

This course appeals to students who like to work with drawings and printing. Images and text are generated through a variety of techniques and software applications. The students work with more advanced forms of photographing; layout and covers; advertising; journalism; and printing, including screen-printing.

**Life/Work Planning 20S**

This course is designed to help students develop the ability to make effective decisions, set goals, make plans and act on plans, evaluate and modify plans to adjust to change. Students will be required to engage in and manage their own life/work building process. They will review the various components of the high school program, reflect on personal experiences and use this knowledge in developing /refining an annual education plan and career portfolio. Students will learn about the changing nature of life/work roles, factors involved in making life/work enhancing decisions, lifelong learning and its contribution to one's life and work. In addition to the classroom component students will spend approximately 25 hours in the community to get exposure to a specific occupational experience.

**Woodworking Technology and Industrial Design 20G**

Prerequisites: Woodworking Technology and Industrial Design 10G

This course is a continuation to perfect and put to use the variety of skills introduced by the 10G program. As well as reviewing the knowledge previously learned, students will also be introduced to new tools, machines and processes. The focus of 20G Woodworking is wood joinery. Topics include safety, measurement, wood joinery, processes and project planning. There is a final project requirement.

**Digital Film Making 25S**

The purpose of the course is to provide students with the skills and knowledge to tell stories by combining sound, still images, moving images, text, graphics, and animation into a video product. Students will plan, develop, and produce a video project.

**Digital Pictures 25S**

The purpose of this course is to provide students with the skills and knowledge to convey a message through an original digital image. Students will be responsible for capturing all images for the school yearbook.

**Aboriginal Culture Class RIT 20S**

Students will be exposed to a variety of cultural experiences connected to Aboriginal Teachings. Students will be expected to participate in hands-on experiences such as beading, crafts, and cooking. Students will also reflect upon aboriginal literature, such as; novels, short stories and poetry connecting them to their own life experiences. This course will be assessed as a pass / fail course, so attendance and participation are essential.

**Introduction to Applied and Pre-Calculus Mathematics 20S**

*Note: Students must attain 60% or higher in MAT10F to select this course.*

Grade 10 Introduction to Applied and Pre-calculus Mathematics (20S) is intended for students considering post-secondary studies that require a math pre-requisite. This pathway provides students with the mathematical understanding and critical-thinking skills that have been identified for specific post-secondary programs of study. The topics studied form the foundation for topics to be studied in both Grade 11 Applied Mathematics and Grade 11 Pre-calculus Mathematics.

**Math Essentials 20S**

Grade 10 Essential Mathematics (20S) is intended for students whose post-secondary planning does not include a focus on mathematics and science-related fields. Grade 10 Essential Mathematics (20S) is a one-credit course consisting of two half-credits each emphasizing consumer applications, problem solving, decision making, and spatial sense.

**Personal Finance 20S**

Can be applied to the Business Technology Diploma.

How do we effectively manage our personal finances so that we can reach our short-term and long-term goals? Personal Finance focuses on developing fundamental financial literacy skills, including the value of money, basic economics, budgeting, saving, financial institution services and investing. Many high school students will get their first part-time job while in school or are starting to dream about future purchases that require financial planning such as buying a car, travelling or pursuing a post-secondary education. It is a good option for any student interested in learning more about how to make good personal financial decisions.

Financial literacy is a life skill so this course is designed for everyone. This course is an excellent starting point for any student interested in furthering their studies in the area of: business, accounting or economics.