

GRADE 10 COMPULSORY SUBJECTS

ENGLISH LANGUAGE ARTS 20F

GEOGRAPHIC ISSUES 20F

MATHS ONE OF:

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ESSENTIAL MATH 20S

SCIENCE 20F

PHYSICAL EDUCATION 20F

GRADE 10 POTENTIAL ELECTIVE SUBJECTS

CONCERT BAND 20S

DRAFTING DESIGN TECHNOLOGY 20G

DRAMA 20G

FOODS 20S

FRENCH 20F

HOCKEY 21G

HUMAN ECOLOGY (HOME EC) 20S

LIFEWORk PLANNING 20S

OUTDOOR WILDERNESS EDUCATION (OWE) 21G

PRINT COMMUNICATIONS 25S

RETAILING 20S

VISUAL ARTS 20S

WOODWORK TECHNOLOGY 20G

GRADE 10 COMPULSORY CORE SUBJECTS

ENGLISH LANGUAGE ARTS 20F (1 credit)

The Grade 10 program is designed to assist students to widen their appreciation of the English language. The program is designed to move students from the exploratory level of Grade 9 towards a greater awareness of the variables of language and communication. The program will involve students in a variety of language activities with the object of increasing student awareness of the diversity and richness of language. Since the course must accommodate a wide spectrum of students who may have varying levels of language skills, the content will be broad in character and students may encounter a wide variety of materials, such as short prose, novels, drama and poetry as well as visual material such as movies and documentaries. Written and oral communication skills are both stressed.

GEOGRAPHIC ISSUES 20F (1 credit)

North America: A Geographic Perspective. The intent of the course is to examine the characteristics of the physical and social environments of North America, with an emphasis on Canada, and to analyze the interrelationship and interaction between these two environments. The intent is also for students to develop a greater understanding of the physical and cultural diversity; pattern of settlement and livelihood; regional disparity; resource distribution and management; impact of urbanization and industrialization on the physical and social environment; and, to explore the relationship and interdependence of Canada and the USA and its implications, as well as the relationship and dependence of North America to the rest of the world

APPLIED/PRE.CALC. MATHEMATICS 20S (1 credit)

Senior 2 Applied/Pre. Calc. Mathematics 20S is one of the two curricula available for students planning to pursue post-secondary studies in mathematics and science. This curriculum is particularly directed to students planning to enter science, engineering, or the high-tech world of work. The other is Senior 2 Pre-Calculus Mathematics 20S.

Senior 2 Applied Mathematics 20S is data-driven. Students collect data in experiments and activities, and develop mathematical concepts from analyses of that data: The components of the curriculum emphasize:

- technical communication
- use of technological equipment such as calculators, graphing calculators, and computers
- use of spreadsheets
- specialized measuring devices, including micrometers and calipers

Topics include:

1. Use of spreadsheets
2. Technical communication
3. Exploring Mathematics Using Technology
4. 2D/3D Projects
5. Linear Models and Patterns
6. Relations and Functions
7. Co-ordinate Geometry
8. Measurement Technology
9. Trigonometry
10. Data Management

ESSENTIAL MATHEMATICS 20S (1 credit)

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 Consumer Mathematics 20S is a course

emphasizing consumer applications, problem solving, decision making, as well as number sense and number use.

Topics include:

1. Problem Analysis
2. Recreational Mathematics
3. Spreadsheets
4. Wages and Salaries
5. Trigonometry
6. Spatial Geometry
7. Problem Analysis
8. Recreational Mathematics
9. Consumer Decisions
10. Geometry Project
11. Personal Banking
12. Probability and Sampling

SCIENCE 20F (1 credit)

The Science 20F Course is designed to prepare students for courses such as Physics, Chemistry, and Biology at the 30S Level. Students will learn chemical nomenclature, laws of motion and solving physics problems, ecology and how humans have affected the earth's natural biogeochemical cycles and have changed our weather/climate. Students must work and think independently and must also have an aptitude for abstract reasoning.

PHYSICAL EDUCATION 20F (1 credit)

This compulsory course consists of a physical education component(gym) and a health component(classroom). Each component represents 50% of the student's final grade. The Phys Ed component consists of five activity units each lasting approximately one month. A variety of activities will be offered depending on class size, weather, and availability of equipment and facilities. Every attempt will be made to assure that activities covered in 10F are not repeated in

20F. The health component consists of five instructional units including responsibility to self and others, contributing to community, responsible sexual behaviour, mental health and transitions.

GRADE 10 POTENTIAL ELECTIVE SUBJECTS

CONCERT BAND 20S (1 credit)

The Grade 10 Band Program is open to any student who has completed at least three years of instruction on a Concert Band instrument (ex. Brass, Woodwind, Bass, or Percussion) Students with less than three years of formal instruction may join the program with the permission of the instructor. The program will provide students with the opportunity to improve their playing skills in a Full band and Small Ensemble setting. Students will continue with theory as well as basic arranging skills. Students participating in the Band Program will be expected to perform at various concerts and school functions during the year.

DRAFTING 20G (1 credit)

This course will provide an opportunity for students to develop drafting skills in a practical activity-based approach. Drafting projects will be incorporated, allowing the students hands-on experiences in different stages as they develop the necessary theoretical background in order to design and construct various drawings utilizing AutoCAD and Revit computer design programs. An introduction to Architecture-Residential Drafting and Design with the inclusion of Residential computer design programs and the Solid Works Design program utilizing a 3-D Printer will be incorporated to enhance the program. The development of good work habits will be a key component, as emphasized in any workplace.

DRAMA 20G (1 credit)

This course focuses the development of dramatic skills as a continuation of Drama 10S. The course objectives aim to encourage

creativity, to develop concentration and problem-solving skills, to build upon existing vocal and physical skills and to develop an awareness of structure and process in drama. Both individual and group work is stressed.

FOODS 20S (1 credit)

This course focuses on the individual within the family unit and the influence that marketing and media have on family food choices. Students will gain a strong understanding of the categories of nutrients, why our bodies need them, and what foods are consumed for health and well-being. The course provides opportunities for students to further develop food preparation skills in a practical setting.

FRENCH 20F (1 credit)

This course provides a content or theme-based approach to the learning of a second language, with emphasis on oral communication. Students are encouraged to interact with the teacher and with one another in a communicative context on themes and subjects that are considered to be of interest to them. Aside from oral interaction and presentations, students will learn reading skills and will learn vocabulary and grammatical structures for the written language. Plays and skits performed in French as well as interactive communicative games will be an integral part of studying French language and culture in the classroom. The language of instruction will be in French as much as possible.

Pre-requisite: French 10F

HOCKEY 21G (1 credit)

The aim of this course is to provide a unique program of study to meet the individual needs of highly motivated students. The learning outcomes will be delivered by a variety of meaningful instructional strategies. This course is being offered to meet an emerging need for the development of sports school programs in Canada. This course will

allow students at Teulon Collegiate to have access to an intense program of hockey instruction based on Theory, Technical and Dryland Training Units.

Dryland: Weight Training, skill stations, circuit training, cross training and fitness training.

Theory: Study of International Hockey, Issues in Canadian Hockey, Sports Psychology as well as other topics.

Technical: Fundamental Skill Development, Power Skating, Individual Tactics, Team Tactics, Position Specific Skills and Strategies, Team Play Systems and Special Team Systems. Students can take this course each year grade 9 to 12 and if they did not take the class the previous year they can still take hockey for the grade level they are at. This course is geared to the individual and what level of play they are at when they take the course. Many Students have found the class beneficial to improving their individual hockey skills.

HOME ECOLOGY 20S (1 credit)

A. Foods and Nutrition

This course emphasizes nutrition through Canada's Food Guide to Healthy Eating and improved skill in planning and preparing meals.

B. Clothing and Textiles

The major objectives of this course are to develop interest and skill in working with fabric, study the relationship between clothing and personal appearance, values and goals in clothing selection, elements and principles of design, textiles, and wardrobe planning. Students are responsible for purchasing fabric, pattern and notions required for projects.

LIFE/WORK EXPLORATION 20S (1 credit)

These credits offer learning experiences to help students plan and embark on their career development journey. The learning experiences

help students increase their self-awareness, gain exposure to experiential career learning, develop essential personal skills and employability skills, acquire knowledge of labour market opportunities, learn about workplace health and safety practices, and deepen their understanding of the relevance of education and academic skills development and engagement. A resource student use to plan for their career development journey by packing the right skills, goals, education, and career, selecting the courses and programs of interest to them and developing the skills to prepare for post-secondary education and training.

Pre-rec for Credit for Employment.

OUTDOOR WILDERNESS EDUCATION (OWE) 21G (1 credit)

Rationale: Outdoor Wilderness Education 21G

Given our students geographical location they are exposed to a variety of outdoor experiences. Therefore, it is important that our students gain the knowledge, skills, and attitudes for lifelong participation in the outdoors.

Student learning Outcomes

Module 1: Outdoor Survival Skills

Students will demonstrate proficiency in various outdoor survival skills

Module 2: Food Collection and Preparation

Students will describe a variety of methods to collect, prepare, and cook food in the wild.

Module 3: Outdoor Environment Navigation

Students will demonstrate the knowledge and skills to safely and responsibly navigate the outdoor environment.

Module 4: Stewardship of the Outdoor Environment

Students will demonstrate an appreciation for minimum impact travel while in the backcountry.

PRINT COMMUNICATIONS 25S (1/2 credit) Yearbook

Students learn the skills necessary to plan and produce the text portion of print and electronic documents, appropriate for the school yearbook.

VISUAL ARTS 20S (1 credit)

It is the purpose of this course to introduce and identify concepts of art process for the beginning artist. Elements and principles of design, subject matter, style and commercial application are some of the artistic questions examined and explored by means of a series of practical projects. (Portraits & Abstracts)

- Gesture Drawings (Twice a year)
- Drawing Unit (Basic Skills, 2-point perspectives, 12 techniques object drawing, pencil crayon abstract, colour wheel, portraits)
- Pen & Ink (Pointillism – abstract or realism)
- Painting Unit (Acrylic & Watercolour, mixing, monochromatic, abstract, shaped canvas painting, painting exercise, 7 techniques)
- Sculpture Unit (Concept Drawings, Cubes, Paper buildings, abstract & monochromatic paper, Paper Mache, Plaster 500ml)
- Multi-media final project (MUST be 3 types of media & expressing knowledge of Principles/Elements of Art)
- Art appreciation (4 styles of art, Focus on REALISM & ABSTRACT, Elements & Principles, Group of Seven, Project on favourite artist)
- Art History (Roman – Renaissance)

Homework: One sketch per week in sketchbook

WOODWORK TECHNOLOGY 20G (1credit)

The woodworking portion is a continuation of the senior one program. The major power tools are reviewed as far as safety and procedure are concerned. A small compulsory project (step stool) is used to introduce advanced woodworking concepts. Students are required to have safety glasses These may be purchased from the instructor.