GRADE 9 COURSE DESCRIPTIONS

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APPLYING ICT 1 15F (0.5 credit)
PREREQUISITE: None
NOTE: "ICT" is an acronym for "Information and Communication Technology"

This course is meant to provide students with an opportunity to expand upon previously learned ICT skills. Students will use office productivity software to meet a variety of project outcomes, such as the creation of documents, spreadsheets, databases, web pages, and presentations. In addition, students will explore the production of multimedia through a variety of projects that emphasize the use of graphics, animation, audio, and video. The integration of software tools will be utilized to complete complex tasks and projects. The Internet will be used as a communications tool to assist in the research and data-gathering process. Ethical considerations, acceptable use, and the challenges associated with various uses of ICT in the home and workplace will also be examined.

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CANADA IN THE CONTEMPORARY WORLD 10F (Social Studies 10F) (1.0 credit)
PREREQUISITE: Grade 8 Social Studies

The focus of this course is on the opportunities and challenges at the core of Canada's contemporary plurality. The curriculum begins with an overview of Canada, including demographics, geography, and political organization. It then explores citizenship and identity. Students will then learn about democracy, government, and law. Lastly, students will examine the role of Canadians in the global context with a final look at where their responsibility lies as informed and responsible citizens. The clusters of content in the curriculum are:
- Diversity and Pluralism in Canada
- Democracy and Governance in Canada
- Canada in the Global Context
- Canada: Opportunities and Challenges.

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COMMUNICATIONS 21G (1.0 credit)
PREREQUISITE: None

This course is designed to acquaint students with the varied aspects of verbal communication. This class will involve a variety of public speaking techniques including voice training, voice intonation and variance, eye contact and body language. It will examine a range of public speaking genres such as persuasive speaking, impromptu speaking, peroration and recitation, triple speak, parliamentary debating, and various other forms of oral presentation, such as reader's theatre. The primary objective of this course is to build the essential life skills that oral communication provides.

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ENGLISH LANGUAGE ARTS 10F (1.0 credit)
PREREQUISITE: Grade 8 English Language Arts

This course is an extension of the grade eight program and covers work in all areas of the English Language Arts, including oral language (with both listening and speaking activities), written language (encompassing reading and writing skills), and visual language (involving both viewing and representing). The emphasis is in two directions: an understanding of the English language and an appreciation for its variety and forms. Grading includes class work, assignments, tests, and exams at the conclusion of each term.

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MATHEMATICS 10F (1.0 credit)
PREREQUISITE: Grade 8 Mathematics

This course is organized into four strands. Some of these strands are further subdivided into substrands. The strands and substrands include:
• Numbers: Powers, rational numbers and square roots
• Patterns and Relations:
     o Patterns linear relations graphs, graph analysis, equations, interpolation and extrapolation
     o Variables and Equations: Single variable linear inequalities with rational number coefficients within a problem-solving context.
     o Polynomials: Addition, subtraction, multiplication and division of polynomial expressions
• Shape and Space:
     o Measurement: Circle properties, including chord bisectors, central angles, inscribed angles and points of tangency.
     o 3-D objects and 2-D shapes: Surface area of composite 3-D objects and 2-D shapes.
     o Similarity of polygons.
     o Rotational symmetry
• Statistics and Probability:
     o Data Analysis: Collection, display and analysis of data to solve problems.
     o Chance and uncertainty: Use of experimental or theoretical probabilities to represent and solve problems involving uncertainty.
Note: Students seeking to register for Introduction to Applied and Pre-Calculus Mathematics 20S in their Grade 10 year MUST achieve the prerequisite from Mathematics 10F for registration into that course.

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MEDIA AWARENESS 11G (0.5 credit)
PREREQUISITE: None

The aim of Media Awareness 11G is to teach Grade 9 students to critically analyze mass media and assess its impact on contemporary society. Students will be taught to recognize the ideas and images that media creates and how media works.
 The philosophy of Media Awareness 11G is rooted in the understanding that students make meaning and form opinions based on what they see and what they are exposed to both in the home and in the world around them. Since mass media is so pervasive in the lives of adolescents, it is recognized as having a tremendous impact on the decisions that young people make.
The course will be largely facilitated through viewing and reading various mediums, writing persuasively, class and group discussions, debates, and presentations.

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PHYSICAL EDUCATION / HEALTH 10F (1.0 credit)
PREREQUISITE: None

The Physical Education curriculum is broken down into movement skills, personal fitness knowledge / management, first aid, and safety. Total participation and cooperation are expected of all students. A foundation of basic sport movements should have been acquired by students at this level so majority of class time will be spent in the activities. Students will be graded on daily fitness management, sport movements, and sport knowledge.
The Health program component is designed to allow students to explore the following topics: Socioemotional Well-Being; Physical Well-Being; Nutrition; Dental Health; Safety and Community Health. Students will be graded on assignments, projects, and presentations.

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RELIGION 11G (1.0 credit)
PREREQUISITE: None

St. Maurice School's Religion courses follow the religious education series approved by the Canadian Conference of Catholic Bishops (CCCB). The text for the Grade 9 year, Be With Me flows out of the Year 7 and 8 programs, Believe In Me and Stand By Me, which are based on the Apostles' Creed. The Year 9 program examines the three theological virtues (faith, hope and love) along with the virtues drawn from the Beatitudes and the Ten Commandments, which students must cultivate if the profession of the faith is to have long-lasting meaning and impact on their lives. This program assists young people in understanding both the joy and the demands of following in the way of Christ and living out the faith that our community professes in the Creed. Using the Beatitudes as touchstones, young people will undertake this study within the context of their own life issues.

SCIENCE 10F (1.0 credit)
PREREQUISITE: Grade 8 Science

This course is intended to aid students in developing a basic background knowledge in many of the fields of science. Topics to be studied include:
- Chemistry: Properties, Changes and Composition of Matter; Chemical Reactions; Chemical Bonding
- Biology: Cellular Reproduction, Reproduction in Animals, Human Reproduction, Genetics.
- Physics - Electricity: Electrostatics; Current Electricity
- Earth Science - Exploration of the Universe: Formation and Properties; Exploring the Cosmos

This course is largely non-mathematical, but some simple arithmetic calculations will be encountered.

TRANSITIONAL MATHEMATICS 10F (1.0 credit)
PREREQUISITE: Students for whom the final mark for Grade 8 Mathematics is anticipated to be lower than 60% are strongly advised to select Transitional Math 10F as their Grade 9 option course. Student's who have a Grade 8 Mathematics mark greater than 80% are not eligible for this course. Students who have a Grade 8 Final Mathematics mark lower than 50% will be automatically registered as their option. It is suggested that parents consult their child's Grade 8 Math teacher for guidance in selecting this course.

The aim of Grade 9 Transitional Mathematics is mathematical power for all students. Mathematical power can be thought of as a student's ability to demonstrate mathematical understanding, mathematical thinking, and mathematical communication. In addition, students are expected to demonstrate behaviours that meet workplace expectations, including responsibility for learning, effort and perseverance, respect for self and others, as well as consistent attendance and punctuality.
The general student goals for Grade 9 Transitional Mathematics are as follows:
- know, understand, and apply mathematical concepts and procedures
- reason to arrive at valid conclusions
- persist in mathematical problem solving
- communicate mathematical ideas effectively

VISUAL ARTS 10S (1.0 credit)
PREREQUISITE: None
NOTE: This course description is subject to change pending a new curriculum document from Manitoba Education. This course will concentrate on developing basic drawing skills including the use of line, shading and tone. Students will also explore painting, calligraphy, graphic design, cartooning and sculpture.