Vincent Massey

Registration Guide

2023-24

VINCENT MASSEY MISSION STATEMENT

INTRODUCTION

Vincent Massey is a school with a student population of over 1000 and a teaching staff of 76. In order to meet the needs of students, Vincent Massey offers a wide variety of courses and programs. The staff is dedicated to ensuring that students achieve a high academic standard and to providing opportunities for students to pursue diverse interest areas. Vincent Massey has served the needs of its students since 1960 and is committed to continuing the tradition of excellence.

MISSION STATEMENT

Our mission is to build a community of engaged, respectful and socially responsible teachers and learners striving for excellence and success in academics, athletics, the arts and citizenship.

By **community**, we mean a sense of belonging, a caring atmosphere, positive relationships, feelings of connectedness, and a sense of shared purpose.

By **engaged**, we mean the active, involved and committed participation of teachers and learners.

By **respect,** we mean respect for self, for others, and for property.

By **socially responsible,** we mean that we place value on the following traits and skills:

PERSONAL ATTRIBUTES	PERSONAL SKILLS	COOPERATION SKILLS
Honest and trustworthy (honourable), fair and equitable, respectful, peaceful, compassionate, considerate, empathetic, kind, thoughtful, generous, unselfish, forgiving, open minded with integrity and loyalty, hardworking, optimistic, courteous.	Actively aware of events and issues; life-long learner, goal oriented, forward-looking, dedicated, and passionate, proactive and assertive, patient, with self-restraint.	Awareness of social rules and attentive to moral obligations, law-abiding within a democratic context of social change, celebrates diversity; is nonjudgmental, understands the impact of one's behavior on community and environment, cooperative, team player, mediator, reliable, prepared, accountable, volunteers skills and time; is community focused.

*Adapted from the Brandon School Division Social Responsibility Teacher Rating Scale

By **teachers and learners**, we mean to include all staff, students, parents and members of the greater community – we are all teachers and learners.
By **excellence and success**, we mean providing meaningful and authentic opportunities for all to reach their potential.

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PROVINCIAL GRADUATION REQUIREMENTS, DIPLOMAS, ACADEMIC CERTIFICATES

Minimum graduation requirements DO NOT ensure acceptance into university or community college. ALL students pursuing post-secondary education need to check entrance requirements. It is ultimately the responsibility of the student to ensure he/she meets the graduation requirements.

COMPULSORY COURSES:

Grade 9	**Grade 10**	**Grade 11**	**Grade 12**
English	English	English	English
Mathematics	Mathematics	Mathematics	Mathematics
Physical Education	Physical Education	Physical Education	Physical Education
Social Studies	Geography	History of Canada	** must have at least 2 Grade 12 electives
Science	Science	* must have at least 1 Grade 11 elective	

Total Compulsory Credits (Grades 9 – 12)	**17**
Total Elective Credits (Grades 9 – 12)	**13**
Total Credits Required for Graduation	**30**

SENIOR YEARS TECHNOLOGY DIPLOMA*

Applied Commerce Education: 8 credits from the list below must be completed (including two 30S courses and two 40S courses)

Business Innovations 10S
Personal Finance 20S
Entrepreneurship 20S
Creative Promotions 20S
Accounting Essentials 30S
Retailing Perspectives 30S
Business Communications 30S
Accounting Systems 40S
Economic Principles 40S
Business Management 40S

Broadcast Media Technology: 8 credits below must be completed.

Intro to Broadcast Media Technology 20S
Single Camera Production 30S
Multi-camera Production 30S
Video Post-Production 30S
Advanced Multi-Camera Production 40S
Electronic News Gathering 40S
Documentary and Short Film Production 40S
Applied Broadcast Media Technology 40S

*Note: Elective course availability subject to demand.

VINCENT MASSEY CERTIFICATES

Fine and Performing Arts Certificate: 7 credits within Fine and Performing Arts and/or Graphic Communication Visual Arts must be completed. Students must complete a major, defined by 3 consecutive credits at the Grade 10, 11 and 12 levels in a narrow area of study within the following streams: Instrumental Music, Visual Arts, Dramatic Arts, Choral / Vocal Arts.

Human Ecology Certificate: 7 credits in Human Ecology Courses (Clothing, Housing and Design; Food and Nutrition; Family Studies) must be completed. Students must complete a major, defined by 3 consecutive credits at the grade 10, 11 and 12 levels.

COURSE CREDIT INFORMATION

CREDIT

All courses are assigned a certain value. A student who completes a course requiring approximately 110 hours earns 1 credit, while a course requiring approximately 55 hours is worth .5 credits.

COURSE IDENTIFICATION

The course numbering system consists of a 3 character, alpha numeric code. The first and second characters are numerals, while the third is a letter. The use of this designation is limited to courses approved for credit by Manitoba Education and Training.

First Character
- 1 - courses developed for Grade 9
- 2 - courses developed for Grade 10
- 3 - courses developed for Grade 11
- 4 - courses developed for Grade 12

Second Character
- 0 - developed by Education and Advanced Learning for 1 credit
- 5 - developed by Education and Advanced Learning for ½ credit
- 1 - developed by schools or school divisions and registered by Education and Advanced Learning
- 2 – externally developed by an educational authority and, in the case of dual credit, a post-secondary institution (e.g., university, out-of-country)

Third Character
- F – Foundation
- G – General
- S – Specialized
- E – EAL
- M – Modified
- I – Individualized
- U - University

Illustrative Examples:
Science 10F – Gr. 9/Foundation course/Developed by Education and Advanced Learning for 1 credit
Keyboarding 25S – Gr.10/Specialized course/Developed by Education and Advanced Learning for ½ credit
AP Calculus 42S – Gr. 12/Specialized course/Developed elsewhere (College Board) for 1 credit

Foundation (F): Educational experiences which are broadly-based and appropriate for all students and which lead to further studies in Senior Years.

General (G): Educational experiences which are broadly-based and appropriate for all students and which may lead to further studies beyond the Senior Years (e.g. apprenticeship, college, and university).

Specialized (S): Educational experiences in specialized areas leading to further studies beyond the Senior Years (e.g. apprenticeship, college and university).

EAL (E): Educational experiences designed to assist students for whom English is not a first language in making a transition into the English program; an EAL Education Plan is required for each student.

Modified (M): Educational experiences intended for students with specific cognitive disabilities and where the provincial subject area curriculum outcomes have been modified by 50% or more to take into account the learning requirements of a student; an individual Education Plan (IEP) is required for each student.

Individualized (I): Educational experiences intended for students with significant cognitive disabilities and that are developmentally and age appropriate. The program is highly individualized to take into account the learning requirements of the student; an Individualized Education Plan (IEP) is required for each student.

COURSE CREDIT INFORMATION

ALTERNATIVE WAYS TO ACHIEVE CREDITS

Post–Secondary Credits

Students pursuing post-secondary university or community college credits while in high school can count these credits as part of the 30 credits required for graduation. These post-secondary credits could be earned as compulsory or optional credits to a maximum of five within the required 30 credits for graduation. Accessibility and registration is determined by the post-secondary institution.

Community Service Credit

Students can earn one 41G credit after the successful completion of 110 hours (full credit) or 55 hours (half credit) of community service volunteer work with a recognized non-profit registered community organization or agency. Only one credit can be earned and count towards the required 30 for graduation. Community service hours can be accumulated over the Senior High years and by working in more than one agency. The agency must be registered with the Brandon School Division. A student must register through Student Services before the commencement of the volunteer hours and meet all requirements as set out in the Brandon School Division's Procedures for the Community Service Credit.

Credit for Employment

Students can earn up to 2 high school credits for paid work experience, which can count toward the required 30 credits for graduation. See a counsellor for more information.

High School Apprenticeship

Work with a certified apprentice trainer to get up to 8 high school credits (110 hours worked per credit) while receiving a wage, work experience and working towards apprentice certification. There are over 50 qualifying trades to choose from pending employer availability.

Challenge for Credit

In exceptional circumstances, a student may challenge for credit a course which they have already acquired the knowledge, skills and outcomes. In order to challenge a credit, a student must provide a letter of intent by the last Friday in September. This must be followed by a letter of understanding with the documentation to be used as evidence that the student qualifies to challenge the credit. This must be completed by the second Friday in October. If the administration approves the challenge, the student must complete a final assessment as determined by the appropriate subject area by the last day of classes in December.

Student Initiated Projects

Among the electives necessary for graduation, a student may include up to three credits for projects that he or she has initiated and which the school, within the parameters of departmental guidelines, is prepared to approve and to supervise for credit purposes. All SIPS must be approved by the administration by September 30 in Semester 1 or February 27 in Semester 2. Interested students should make arrangements through the Student Services Department.

Private Music Option

A private music option under private teachers may be accepted for credit in each year of high school. The requirements for this option have been set up by the Universities and Departments of Education in Alberta, Saskatchewan, and Manitoba, acting through the Conservatory Canada Programs and Royal Conservatory of Toronto.

Special Language Credits

Manitoba high school students may claim special credit for languages not included in the regular high school program. See a counsellor for more information.

Cadet Credits

Students may obtain 2 credits through participation in Cadet Programs outside the school. These credits may be counted in addition to the 30 required for graduation.

For further information on any alternative ways to achieve credits, please make an appointment with a guidance counsellor in Student Services (204-729-3960).

VINCENT MASSEY ALTERNATIVE PROGRAM (VMAP)
VINCENT MASSEY ENGLISH LANGUAGE DEVELOPMENT PROGRAM (EAL)

VINCENT MASSEY ALTERNATIVE PROGRAM (VMAP)

Background
The Vincent Massey Alternative Program (VMAP) offers opportunities for credit completion to students who require responsive flexibility in their academic programming.

VMAP Classrooms
In VMAP classrooms, students work on courses independently using module packages, reference books, and computers. A teacher in a VMAP classroom directs, monitors, and assesses the student's progress. The teacher is available to assist students with their lessons and assignments. Students in a VMAP classroom may be working on different courses, but there is some opportunity for cooperative work.

VMAP Student Profiles
VMAP courses have been an appropriate program option for many different Vincent Massey students who have had many different needs. Some students enroll in one VMAP course while continuing to participate in regular classroom-based courses. Some students enroll in a majority of VMAP courses. Some students who were unsuccessful in a compulsory course can 'recover' the credit by re-doing some course units in a VMAP course. Many students in VMAP courses attend VMAP classrooms every day, but some students use VMAP courses to accommodate disrupted attendance or to earn an 'extra' credit outside of the timetable.

To discuss if a VMAP course might be an appropriate option for you, please make an appointment with a guidance counsellor in Student Services (204-729-3960)

VINCENT MASSEY ENGLISH LANGUAGE DEVELOPMENT PROGRAM (EAL)

Background
The English Language Development Program (EAL) concentrates on students who are acquiring additional language skills as well as students who are continuing to strengthen their language acquisition skills.

EAL Classrooms
In Language Development classrooms, students work within their stage of language development. The primary focus is to develop and strengthen language and literacy skills in the areas of reading, writing, listening and speaking. The program infuses content outcomes in order to build confidence and academic skills to promote success in future courses.

EAL Student Profiles
Typically, students move through the fundamental stages of the Language Development Program to develop solid literacy skills. The program provides a flexible setting where students are able to move between the stages of language development within the semester and/or year, based on the student's progression in literacy.

To discuss if an EAL course might be an appropriate option for you, please make an appointment with the EAL Resource Teacher (204-729-3961)

ADVANCED PLACEMENT PROGRAM (AP)

Background

The Advanced Placement (AP) Program provides opportunities for students to participate in college or university level courses while still in high school. Advanced Placement is recognized for advanced credit or advanced placement in many Canadian and American universities and colleges.

Vincent Massey High School offers a wide selection of AP courses in Math, Science, English and the Social Sciences. The AP program offerings at Vincent Massey may include:

AP Biology	**AP Physics**	**AP English Language and Composition**	
AP Calculus	**AP Chemistry**	**AP English Literature and Composition**	**AP Psychology**

To be eligible for university credit, you must take an Advanced Placement exam in your subject area. Advanced Placement exams are administered in May. Each college and university sets its own policies regarding the granting of credit or advanced placement. Students must check directly with the institution.

AP Classrooms

In AP classrooms students have the opportunity to delve deeper into subjects that interest them, develop advanced research and communication skills, and learn to tap their creative, problem-solving, and analytical potential.

AP Student Profiles

Advanced Placement students are motivated, committed and focused on their academic goals.

AP students may choose to focus on one AP course in a subject area that is of interest to them or they may choose to pursue multiple courses from the AP Program. It is important to consider each student's program individually so that other courses, extra-curricular pursuits, and commitments outside of school can be part of a balanced, healthy school experience.

To discuss if an AP course might be an appropriate option for you, please make an appointment with a guidance counsellor in Student Services (204-729-3960).

ADVANCED PLACEMENT ADVANTAGES AT VINCENT MASSEY

- Earn a first-year university credit through the AP Program at Vincent Massey
- Experience university-level curriculum through AP courses while in the supportive high school setting at Vincent Massey
- Demonstrate your commitment to academic achievement by taking part in Vincent Massey's AP program
- Improve your writing and hone your critical thinking skills through Vincent Massey's AP courses
- Develop the study habits necessary for success in the rigorous academic environment of AP at Vincent Massey
- Pursue your passion for academic study with other high-achieving and motivated peers in AP at Vincent Massey
- Ease into a successful transition to post-secondary education by experiencing the demands of university-level study through Vincent Massey's AP program
- Challenge yourself by taking advantage of Vincent Massey's rigorous AP curriculum
- Compete for national and international awards and scholarships through outstanding achievement in AP courses at Vincent Massey

ADVANCED PLACEMENT PROGRAM (AP)

Advanced Placement Model – Math/Science

Grade 9		Grade 10		Grade 11		Grade 12	
				Physical Education 30F – early bird		**Physical Education 40F** – early bird	
Math 10F	elective	**Math: Intro to Pre-Calculus /Applied 20S**	Optional: Math: Applied 30S	**Math: Pre-Calculus 30S**	**Math: Pre-Calculus 40S**	**Math: Intro to Calc / Advanced Math 40S**	**Calculus AB AP 42S** (AP Exam in May)
English 10F		**English 20F**	**Physical Education 20F**	**English: Comprehensive Focus 30S**	elective	**English 40S**	elective
Science 10F	**Social Studies 10F**	**Science 20F**	**Biology 30SA**	**Biology 40SA**	**Biology AP 42S** (AP Exam in May)	**Chemistry 40SA**	**Chemistry AP 42S** (AP Exam in May)
Physical Education 10F	elective	**Geography 20F**	**History of Canada 30F**	**Physics 30SA**	**Chemistry 30SA**	**Physics 40SA**	**Physics 2 AP 42S** (AP Exam in May)
elective	elective	elective	elective	elective	elective	elective	elective

- **The above model is a recommended sequence of courses in a semester system when a student chooses to focus on: AP Biology, AP Calculus, AP Chemistry and AP Physics. Other AP courses in English and the Social Sciences could be included in this model.**
- **Please note that electives could include courses in English, Applied Commerce Education, Fine and Performing Arts, Languages, Broadcast Media Technology, Practical Arts, and Social Sciences.**
- **Students considering AP courses are encouraged to make an appointment with a guidance counsellor in Student Services (204-729-3960).**

ADVANCED PLACEMENT PROGRAM (AP)

Advanced Placement Model – English and Social Sciences

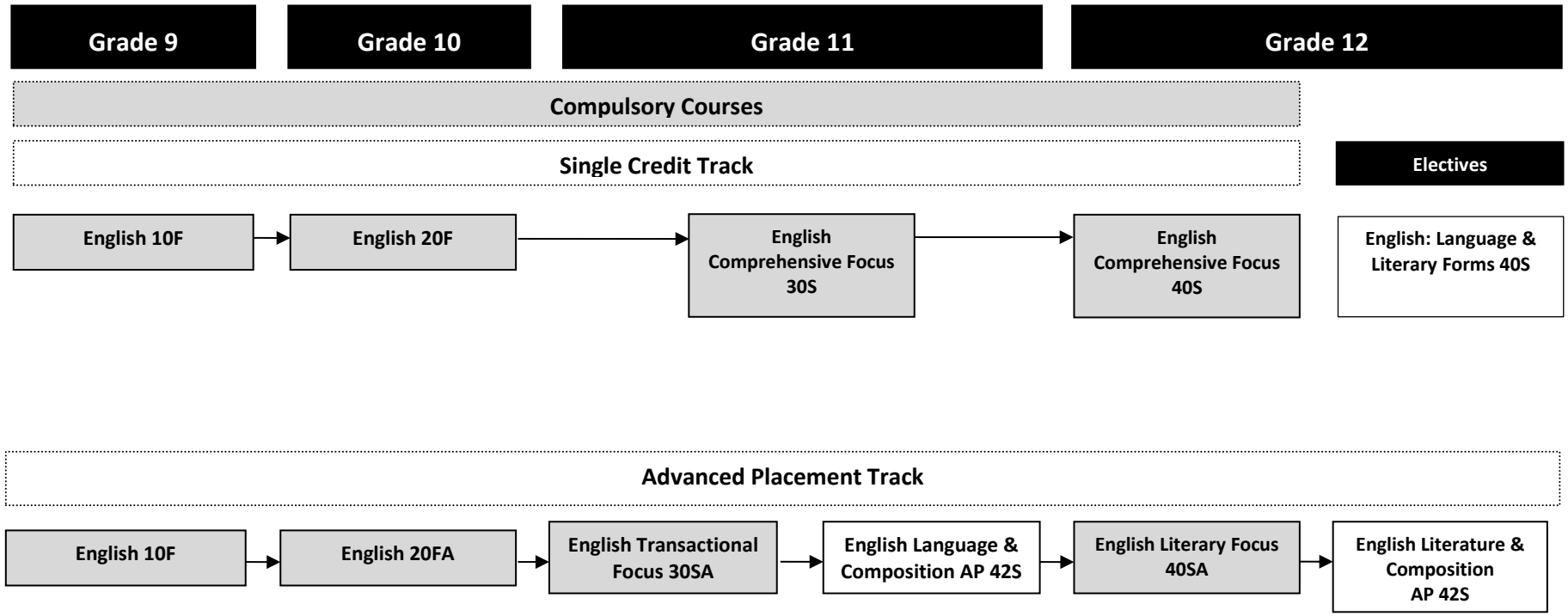
Grade 9		Grade 10		Grade 11		Grade 12	
Science 10F	**Math 10F**	**Math: Pre-Calculus /Applied 20S**	elective	**Math: Pre-Calculus 30S**	**Physical Education 30F**	**Math: Pre-Calculus 40S**	**Physical Education 40F**
English 10F		**English 20FA**	**Physical Education 20F**	**English 30SA**	**English AP Language & Composition 42S** (AP Exam in May)	**English 40SA**	**English AP Literature & Composition 42S** (AP Exam in May)
Social Studies 10F	elective	**Geography 20F**	**History of Canada 30F**			elective	elective
Physical Education 10F	elective	**Science 20F**	elective	**Psychology 40S**	***Psychology AP 42S** (AP Exam in May)	elective	elective
elective	elective	elective	elective	elective	elective	elective	elective

- **The above model is a recommended sequence of courses in a semester system when a student chooses to focus on: AP English Language and Composition, AP English Literature and Composition, and AP Psychology. Other AP courses in Mathematics and Science could be included in this model.**
- **Please note that electives could include courses in Applied Commerce Education, Fine and Performing Arts, Languages, Mathematics, Broadcast Media Technology, Practical Arts, Science and other Social Sciences.**
- **Students considering AP courses are encouraged to make an appointment with a guidance counsellor in Student Services (204-729-3960).**

***NOTE:** Psychology AP 42S could be completed in grade 11 or grade 12.**

English

POSSIBLE PATHWAYS FOR ENGLISH LANGUAGE ARTS 9-12



Single Credit Track: This is the basic route towards graduation. The comprehensive focus is roughly split equally between the literary and transactional modes.

Advanced Placement Track: Students who complete all of the courses in the AP track will have three grade 12 English credits (one earned in the second term in grade 11 and two earned in grade 12) and one grade 11 English credit. English Transactional Focus 30SA is the pre-requisite for English Language & Composition 42S. English Literacy Focus 40SA is the pre-requisite for English Literature & Composition 42S. Students considering AP courses are encouraged to make an appointment with a guidance counsellor in Student Services (204-729-3960) for program planning.

English

Description	Prerequisites
English 10F This a year-long (two semester) course in which students will earn 1.0 credit in English 10F and 0.5 credit in Career Development 15S. Students will continue the development of their communication skills as they relate to the six language arts: reading, writing, speaking, listening, viewing, and representing. Texts studied and produced will be approximately 50% aesthetic and 50% pragmatic in focus.	None
English 20F This is a one credit, one semester course. Students will continue the development of their communication skills as they relate to the six language arts. Texts studied and produced will be approximately 50% aesthetic and 50% pragmatic in focus.	English 10F
English 20FA The English 20FA course is designed to build a foundation of literary analysis skills that will improve student achievement in the Pre-Advanced Placement and the Advanced Placement courses. This course will focus on developing close reading of literature, analysis of literature and the ability to convey this analysis in writing.	English 10F

- Students may opt to take additional English courses at the 40S and/or 42S level as electives.
- In compulsory English 40S courses, students will write a Grade 12 Provincial standards exam. Students are only required to write this exam once.
- Students considering AP courses are encouraged to make an appointment with a guidance counsellor in Student Services (204-729-3960) for program planning.

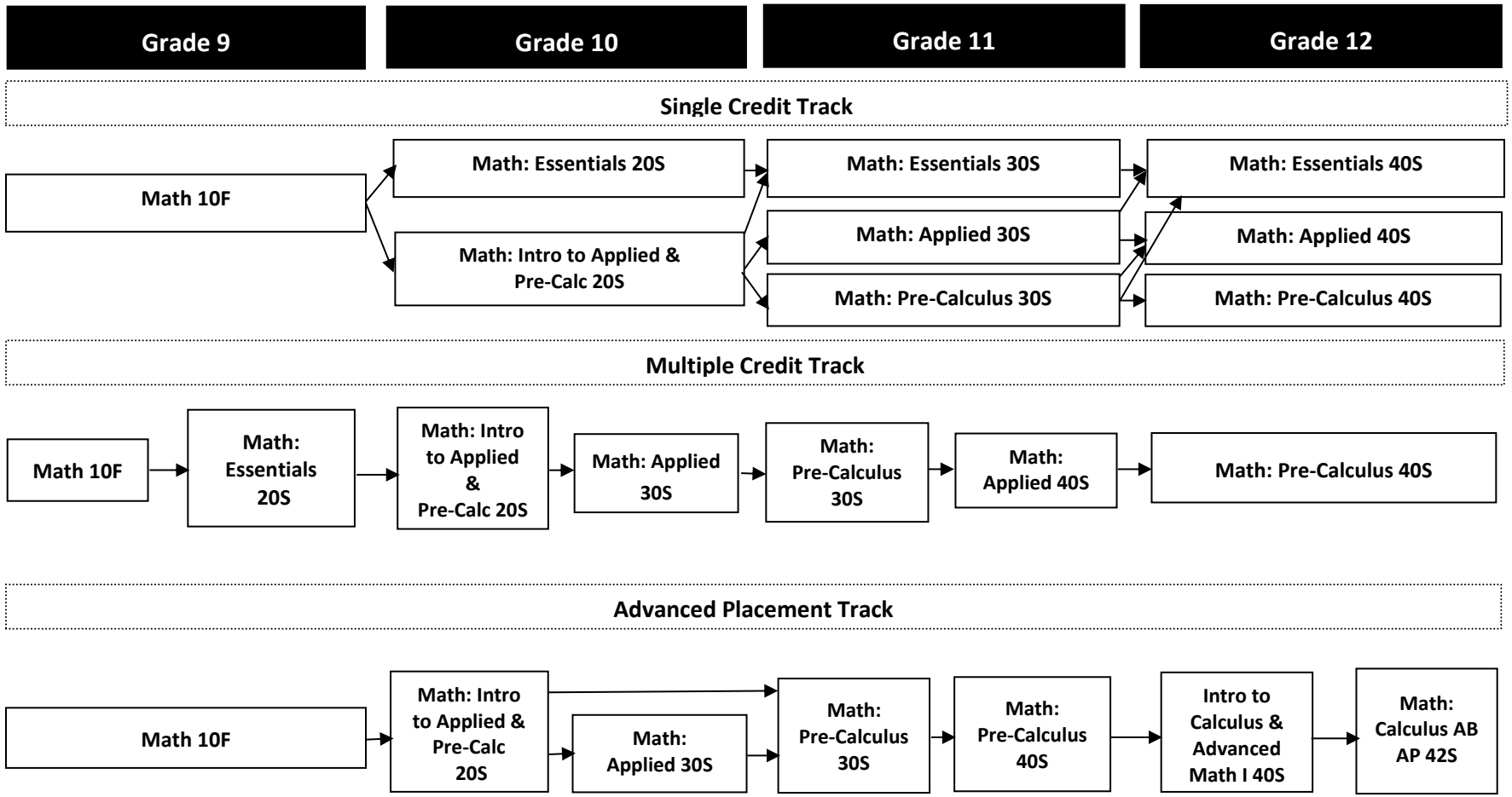
Description	Prerequisites
English: Comprehensive Focus 30S In the Comprehensive Focus, the student learning outcomes address the knowledge, skills and strategies, and attitudes relevant to both aesthetic and pragmatic purposes and texts in approximate balance.	Any English 20F
English: Comprehensive Focus 40S In the Comprehensive Focus, the student learning outcomes address the knowledge, skills and strategies, and attitudes relevant to both aesthetic and pragmatic purposes and texts in approximate balance. Students in this course will write the Grade 12 Provincial standards test.	Any English 30S

English

Advanced Placement English	Prerequisites
English: Transactional Focus 30SA The Transactional Focus (Pre-AP) course is designed for students wishing to enroll in English: Language & Composition AP 42S and write the AP Language and Composition Exam in May. This course is highly recommended for those students considering the AP Literature and Composition Exam in Grade 12. The focus of this course will be on the analysis of style and voice in literature and the development of the student's personal voice as a writer and communicator. The class will use a seminar approach, which relies on student input for thoughtful discussion and debate. Students in this course will be expected to read a wider range of non-fiction literature and to interpret material at a deeper level. There will be a summer reading component for this course. *Note: Students selecting this course must also select English: Language and Composition 42S.	English 20FA
English: Language & Composition AP 42S Students will continue to develop their skills in essay writing and rhetorical analysis. Students will primarily be reading, analyzing, and responding to non-fiction. A large part of this course will be spent writing argument, analysis, and synthesis essays and answering multiple choice questions as practice for the AP exam.	English: Transactional Focus 30SA
English: Literary Focus 40SA The English Literary Focus (Pre-AP) course will lead into the AP English course in Literature & Composition in the second semester of the school year. This course will engage students in the careful reading and critical analysis of imaginative literature. Through close reading of selected texts, students will deepen their understanding of the ways writers use language and develop their own voice as a writer. The reading in this course will come from a broad range of materials to prepare the students for the AP English Literature & Composition course. The reading in this course is extensive and because of the large number of plays and novels studied, students are given a summer reading list which they are expected to complete prior to beginning this class in the fall. Students in this course will write the Provincial Standards Exam in January. *Note: Students selecting this course must also select English: Literature & Composition 42S.	Any English 30S
English: Literature & Composition AP 42S The English Literature & Composition AP course builds upon the material and skills developed in Literary Focus (Pre-AP) 40S and prepares the students to write the AP Exam later in the semester. The course will engage students in becoming skilled readers of prose written in a variety of periods, disciplines, and genres and will develop each student's critical and analytical writing skills. Students will write in many different forms and on many different topics. The reading and writing in this course is both broad and deep and will allow for some student choice of material.	English: Literary Focus 40SA
Grade 12 English Electives	Prerequisites
English: Language & Literary Forms 40S Although this course might use some non-fiction materials, the emphasis in both activities and materials will be on creative uses of language such as those found in novels, plays, short stories, essays and poetry, as well delete genres such as docudramas, mini-series, and films.	Any compulsory English 40S

Mathematics

POSSIBLE PATHWAYS FOR MATHEMATICS 9-12



Students considering AP courses are encouraged to make an appointment with a guidance counsellor in Student Services (204-729-3960).

Mathematics

Course Description	Prerequisites
Math 10F Grade 9 Mathematics 10F is a foundation course to prepare students for the possible pathways in Grades 10 to 12. The course builds on the understandings from Kindergarten to Grade 8 Mathematics. The activities that take place in the Grade 9 mathematics classroom should stem from a problem-solving approach. Students should develop an understanding of the nature of mathematics through specific knowledge, skills, and connections among and between strands. The general focus in most units should be to allow time for hands-on activities that promote concrete understanding of concepts. A focus on developing problem-solving skills will enable students to move on with a deeper understanding of mathematics. The emphasis should be on "why" and not just "how". The strands covered will include: Numbers, Shape and Space, Patterns and Relations, and Statistics and Probability.	None
Math: Essentials 20S Grade 10 Math Essentials is a one-credit course that emphasizes consumer applications, problem solving, decision making and spatial sense. Students are introduced to topics including personal finance, measurement, trigonometry, geometry and consumer decisions. Students are expected to work both individually and in small groups on mathematical concepts and skills encountered in everyday life. The Essential math stream will prepare students for every day, on-the-job problem solving. Math Essentials does allow students to attend post-secondary studies at college or university, but not in the fields of math or science. Students may take Math Essentials as their single math stream, or in addition to other math courses (Applied, Pre-Calculus).	Math 10F
Math: Essentials 30S Grade 11 Essential Mathematics 30S is intended for students whose post-secondary planning does not include a focus on mathematics and science-related fields. Grade 11 Essential Mathematics is a one-credit course emphasizing consumer applications, problem solving, decision making, and spatial sense. Grade 11 Essential Mathematics builds on the knowledge and skills of Grade 10 Essential Mathematics and provides a foundation for the topics studied in Grade 12 Essential Mathematics. The topics covered include: Analysis of Games, Managing Money, 3-D Geometry, Relations and Patterns, Statistics, Trigonometry, Analysis of Games & Numbers, and Design Modelling.	Math Essentials 20S Or Math: Introduction to Applied & Pre-Calculus 20S
Math: Essentials 40S This course is a continuation of Grade 11 Essential Mathematics and is designed primarily with an emphasis of essential math needed in real world constructs for those going into trades, college or work applications. Grade 12 Essential Mathematics is directed to students whose post-secondary planning does not include a focus on mathematics and science-related fields. Students will develop mathematical understanding, critical thinking skills and develop connections between symbolic mathematical ideas and the real world around us. The topics covered include: Problem Analysis, Home Finance, Vehicle Finance, Geometry and Trigonometry, Statistics, Business Finance, Precision Measurement, Probability, and Career Life. All students enrolled in a 40S mathematics course will write a provincial exam. The Math Essentials 40S exam will compose 20% of the student's final grade.	Math Essentials 30S Or Math Pre-calculus 30S Or Math Applied 30S

Mathematics

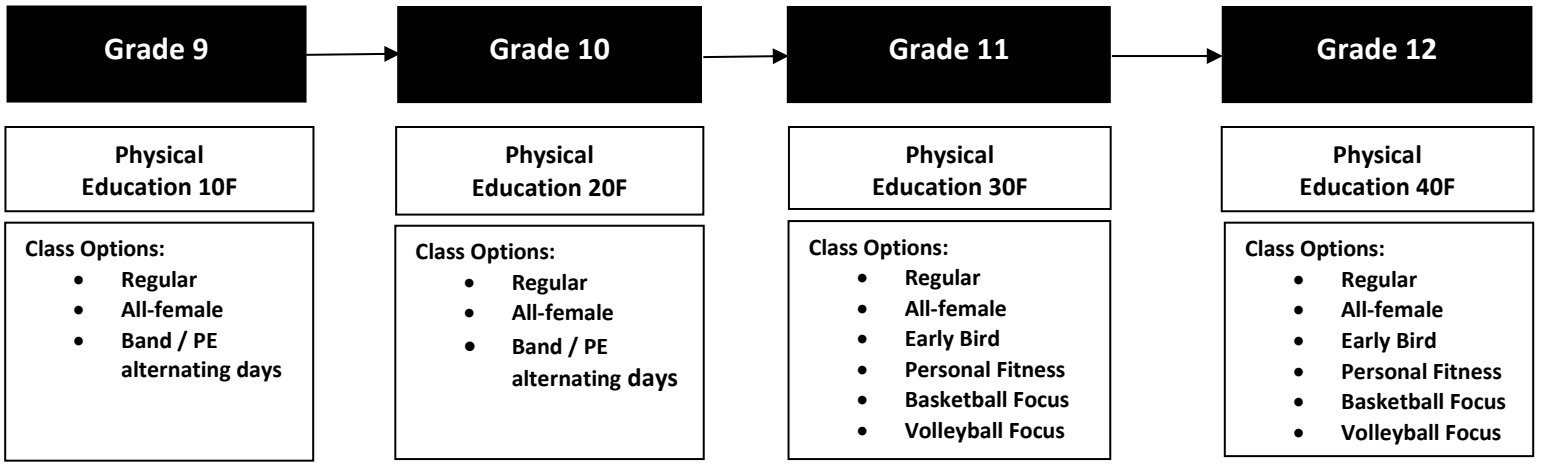
Course Description	Pre-requisites
Math: Introduction to Applied and Pre-Calculus 20S Grade 10 Introduction to Applied and Pre-Calculus Mathematics 20S is intended for students considering post-secondary studies that require a math pre-requisite. This pathway provides students with the mathematical understanding 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. The learning outcomes are divided into three topics: Measurement, Relations and Functions, Algebra and Number Sense.	Math 10F
Math: Applied 30S Grade 11 Applied Mathematics 30S is intended for students considering post-secondary studies that do not require a study of theoretical calculus. It is context driven and promotes the learning of numerical and geometrical problem-solving techniques as they relate to the world around us. It builds upon the foundation knowledge and skills from Grade 10 Introduction to Applied and Pre-Calculus Mathematics and builds a foundation for Grade 12 Applied Mathematics. Primary goals of Applied Mathematics are to have students develop critical thinking skills through problem solving and model real world situations mathematically to make predictions. The topics covered will include: Quadratic Functions, Scale, Proofs, Statistics, Systems of Inequalities, Trigonometry, Research Project.	Math: Introduction to Applied & Pre-calculus 20S
Math: Applied 40S This course continues from the Math Applied 30S program with similar structure and student expectations. At this level, students must be self-motivated and able to complete projects independently as well as work cooperatively in group projects. The course uses technology to assist students as they cover various mathematical topics ranging from personal finance to advanced algebra. The topics at Grade 12 level are: Probability, Variability and Statistical Analysis, Matrix Modelling, Vectors, Applications of Periodic Functions, Sequences, Personal Finance, Design and Measurement. All students enrolled in a 40S mathematics course will write a provincial exam. The Math: Applied 40S exam will compose 30% of the student's final grade.	Math Applied 30S Or Math Pre-Calc 30S
Math: Pre-Calculus 30S Grade 11 Pre-Calculus Mathematics is designed for students who intend to study calculus and related mathematics as part of post-secondary education. This course builds on the topics studied in Grade 10 Introduction to Applied and Pre-Calculus Mathematics and provides background knowledge and skills for Grade 12 Pre-Calculus Mathematics. The course provides a high-level study of theoretical mathematics with an emphasis on problem solving and mental mathematics. The topics include study of algebra, quadratic functions, reciprocal functions and trigonometry. There are 8 major topics: Quadratic Equations, Radicals, Quadratic Functions, Sequences, Rationals, Trigonometry, Systems of Equations, Inequalities.	Math: Introduction to Applied & Pre-calculus 20S

Mathematics

Course Description	Pre-requisites
Math: Pre-Calculus 40S Grade 12 Pre-Calculus Mathematics is designed for students who intend to study calculus and related mathematics as part of post-secondary education. It builds on the topics studied in Grade 11 Pre-Calculus Mathematics and provides background knowledge and skills for the study of calculus in post-secondary institutions. The course comprises a high-level study of theoretical mathematics with an emphasis on problem solving and mental mathematics. The topics include: · Trigonometric Functions - Trigonometric Identities - Transformation of Functions - Exponents and Logarithms - Functions - Permutations and Combinations - The Binomial Theorem Any student considering AP Calculus must complete this course the year before starting AP Calculus (typically in grade 11) All students enrolled in a 40S mathematics course will write a provincial exam. The Math: Pre-Calculus 40S exam will compose 30% of the student's final grade.	Math: Pre-calculus 30S
Advanced Placement Math	Pre-requisites
Intro to Calculus & Advanced Math I 40S Intro to Calculus & Advanced Math I 40S introduces limits, derivatives, and derivative uses. These tools of calculus are used to continue the analysis of functions introduced during the pre-calculus program. The study of calculus is an important component of post-secondary study in mathematics, science, and engineering. It is also used for analysis in the social sciences and business.	Math: Pre-calculus 40S
Math: Calculus AB AP 42S Introduction and Applications of integrals and topics for the Advanced Placement Calculus Examination are the major themes. The course culminates with the writing of the AP Calculus Examination. Successful completion of the course and a passing mark on the examination qualifies the student for advanced standing or credit at many colleges and universities.	Intro to Calculus & Advanced Math I 40S

Physical Education

POSSIBLE PATHWAYS FOR PHYSICAL EDUCATION 9-12



Course Description	Prerequisites
Physical Education 10F This compulsory Grade 9 credit in Physical Education and Health addresses the learning outcomes in the areas of movement, fitness management, safety, personal/social management and healthy lifestyle practices. Students will be involved in various activities that will address the learning outcomes in the five strands of study. Students will have the opportunity to develop fundamental movement and sport skills, develop an ability to manage their own fitness management skills, understand safe practices in all activities, develop personal/social decision making skills and finally understand healthy lifestyle practices. In this course, there will be a strong emphasis placed on student participation, enjoyment, sportsmanship and developing a healthy lifestyle.	None
Physical Education 20F This compulsory course will expose the students to a variety of activities and experiences which will develop the total person. The goal in this course will be to expose the students to a variety of activities and topics which are related to healthy lifestyle practices. Theory tests will be given for all the blocks. Areas of study will include development in movement skills, fitness management, safety, personal/social management, healthy lifestyle practices and CPR training. Students will be involved in various activities that will address the learning outcomes in the five strands of study.	Physical Education 10F

Physical Education

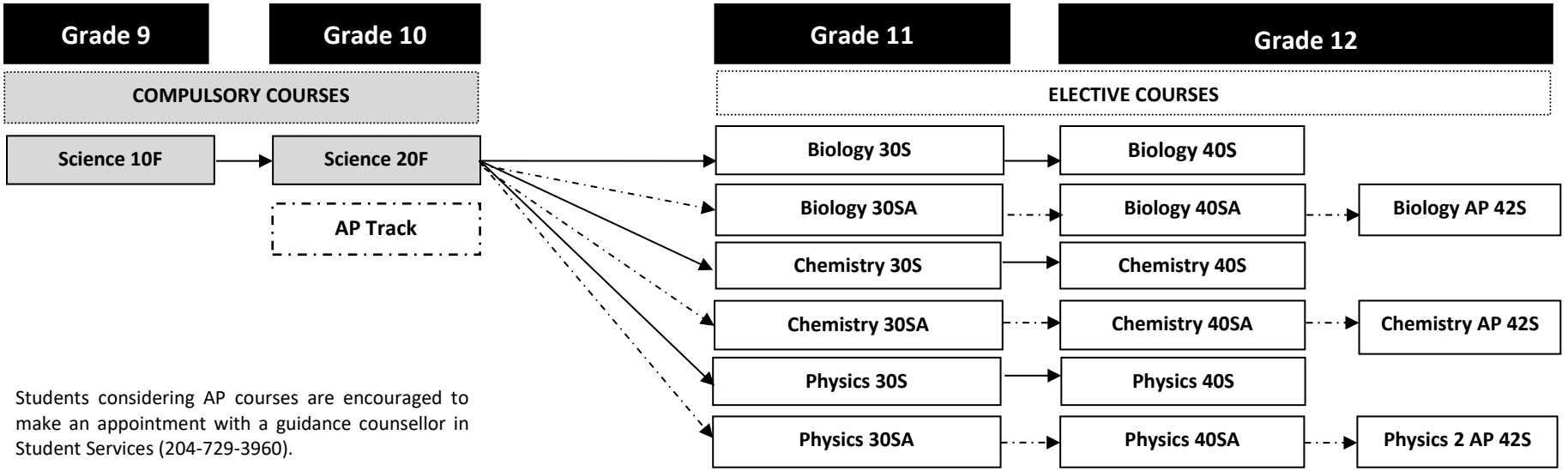
Course Description	Prerequisites
Physical Education 30F This compulsory full credit course is designed to provide students with planned and balanced programming. Students will be given the opportunity to explore a wide variety of activities and interests to assist them in developing the knowledge, skills and attitudes for physically active and healthy lifestyles. Students will be graded for completion of the PE course using a complete/incomplete designation. Students will also be required to submit a personal fitness portfolio which will reflect evidence of a fitness plan, physical activity log. **Implementation Options** Option A: 100% Model To receive a "Complete" designation a student must meet all of the above components, In Class "In-Timetable". Option B: 50%/50% Model To receive a "Complete" designation a student must meet 50% In Class "In-Timetable", 50% Out of Class "Out of Timetable". Option C: 25%/75% Model To receive a "Complete" designation a student must meet 25% In Class "In-Timetable", and 75% Physical Activity Component, Out of Class "Out of Timetable".	Physical Education 20F
Physical Education 40F This compulsory full credit course is designed to provide students with planned and balanced programming. Students will be given the opportunity to explore a wide variety of activities and interests to assist them in developing the knowledge, skills and attitudes for physically active and healthy lifestyles. Students will be graded for completion of the PE course using a complete/incomplete designation. Students will also be required to submit a personal fitness portfolio which will reflect evidence of a fitness plan, physical activity log. **Implementation Options** Option A: 100% Model To receive a "Complete" designation a student must meet all of the above components, In Class "In-Timetable" Option B: 50%/50% Model To receive a "Complete" designation a student must meet 50%, In Class "In-Timetable", 50% Out of Class "Out of Timetable" Option C: 25%/75% Model To receive a "Complete" designation a student must meet 25% In Class "In-Timetable", and 75% Physical Activity Component, Out of Class "Out of Timetable".	Physical Education 30F
Physical Education: Personal Fitness 30F / 40F Phys-Ed Personal Fitness will bring a unique focus to sport specific training and youth development. The program is designed to allow young athletes the opportunity to develop and to receive support in both their studies and their athletic discipline. This class will provide the information and support in training, nutrition, anatomy, biomechanics, academic preparation, drug awareness and sports psychology. This course will give the students the time and the information to train and understand what it takes to be healthy student/athletes. This course would be advantageous for students who are interested in pursuing post-secondary athletics and professional careers in the following areas: Sports Medicine/Psychology, Physiotherapy, University/College Athletics, Personal Trainers, Physical Education Teachers, Coaching – Physiotherapy.	Physical Education 20F

Physical Education

Course Description	Prerequisites
Physical Education: Basketball Focus 30F / 40F This course is designed to give students the opportunity to learn and develop fundamental and advanced skills and strategies of team activities. There is no prerequisite skills or abilities needed to register for this course. Students will learn fitness concepts and conditioning techniques used for achieving and maintaining optimal physical fitness. Students will benefit from comprehensive team activities and cardio-respiratory activities. Students will learn basic fundamentals and advanced techniques of a team activities, aerobic training, and overall fitness training and conditioning. Students will be empowered to make wise choices, meet challenges, and develop positive behaviors in team activities, aerobic fitness, wellness, and movement activity for a lifetime. **This course will be scheduled at lunch, one semester.	Physical Education 20F
Physical Education: Volleyball Focus 30F / 40F This Course is designed to provide students with opportunities to explore and develop a variety of fundamental and technical aspects within the sport of Volleyball. There is no prerequisite skills or abilities needed to register for this course This course will be structured to provide the student with a knowledgeable understanding of the games dynamics from different perspectives that will allow them to implement team tactics. Students will benefit from diverse training activities that will develop cardiovascular endurance, muscular strength, agility, and a balanced incorporation of other fitness components. The course will include both lecture and activity sessions. These sessions will encourage students to think positively about challenges they will face, create behaviors that will lead to positive outcomes and help them to generate a healthy lifestyle for themselves and others for a lifetime. **This course will be scheduled at lunch, one semester.	Physical Education 20F

Science

POSSIBLE PATHWAYS FOR SCIENCE 9-12



Students considering AP courses are encouraged to make an appointment with a guidance counsellor in Student Services (204-729-3960).

Course Description	Prerequisites
Science 10F A general science course that covers the areas of: Physics - Electrostatics & Current Electricity, Chemistry - Atoms & Elements, Biology - Cell Division & Reproduction, Earth Science - Exploring the Universe The goal of Grade 9 Science is to expose the students to a wide variety of science issues and topics in a meaningful and challenging way.	None
Science 20F A general science course covering the areas of: Physics – The Physics of Motion, Chemistry – Reaction Chemistry, Biology – Ecosystem Interaction, Earth Science – Weather Dynamics. In an effort to educate a scientifically literate student, students will be involved in meaningful activities using a hands-on approach with an emphasis on research skills.	Science 10F

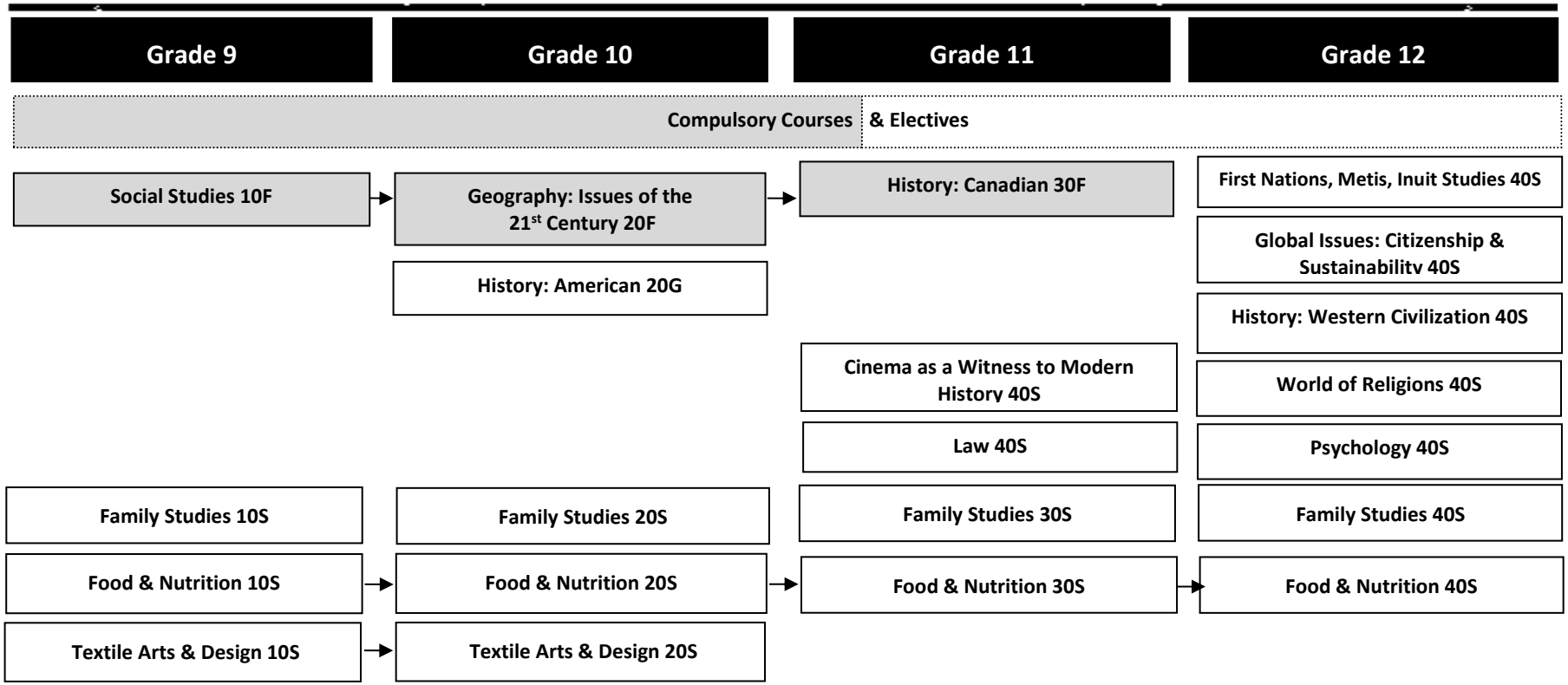
Science

Course Description	Prerequisites
Biology 30S The 30S course provides an in-depth analysis of the function and problems related to the organ systems of the human body. Some of the areas covered are wellness, homeostasis, digestion, nutrition, circulation, blood, respiration, excretion, immunity, the nervous system and the endocrine system. Extensions include an introspective look at personal wellness in reference to all organ systems. Students should be aware that this course requires a high level of commitment to successfully master the material.	any Science 20F
Biology 30SA This course is designed for students considering Biology 40SA in the following year. It will cover more material than the regular Biology 30S and to a greater depth. There will be a greater emphasis on written skills and the student will be expected to demonstrate the capacity to work independently since the workload is considerably higher.	any Science 20F
Biology 40S The major themes of Biology 40S are Genetics and Biodiversity. During the Genetics section students will look at patterns of inheritance and the molecular mechanisms behind such patterns. The Biodiversity theme allows students to get an overall picture of the range of life forms and their similarities and differences.	Biology 30S
Biology 40SA This course is designed for students considering AP Biology 42S in the second semester of the same year. Essentially this course follows the Biology 40S course in content, but, as in Biology 30SA, the depth of coverage and the means of evaluation will differ in order to prepare students for the rigor of AP Biology.	Chemistry 30S and Biology 30SA
Biology AP 42S This course will continue the in-depth study of the topics begun in Biology 40SA and will include additional topics such as Bioenergetics, Plant Structure and Function, and Ecology. The emphasis of the evaluation will be structured in such a way to build the skills necessary for the AP exam to be written in May. To this end, there will be heavy emphasis on expository writing.	Biology 40SA
Chemistry 30S Students will explore atomic structure, the periodic table, physical and chemical properties of matter, including solutions and gases, chemical formulae and reactions, and organic chemistry. Lab activities and investigations will be an integral part of the course. Evaluation will include lab reports, quizzes, tests and a final exam.	any Science 20F
Chemistry 30SA This course is designed for students considering AP Chemistry in the following year. Essentially this course follows the Chemistry 30S course, both in content and evaluation. However, there will be more focus on extra topics in order to prepare students for the rigor of AP Chemistry.	any Science 20F and Math: Intro to Applied & Pre-Calculus 20S
Chemistry 40S Students apply concepts learned in Chemistry 30S to new topics including: acids and bases, reaction rates, equilibrium systems, oxidation/reduction reactions, and electrochemistry. Evaluation will include lab reports, quizzes, tests, and final exam.	Chemistry 30S

Science

Course Description	Prerequisites
Chemistry 40SA This course is designed for students considering AP Chemistry 42S in the second semester of the same year. Essentially this course follows the Chemistry 40S course—both in content and evaluation. However, certain topics will be covered in more detail than in Chemistry 40S in preparation for the challenges of Chemistry AP 42S.	Chemistry 30SA and Math: Pre-Calculus 30S
Chemistry AP 42S Much of the Chemistry AP 42S course content will have previously been covered in Chemistry 30SA and Chemistry 40SA. In addition, Chemistry AP 42S will address advanced topics in chemical bonding and molecular geometry, nuclear chemistry, and thermodynamics. Assessment will emphasize quantitative analysis on tests, quizzes, lab investigations and report writing.	Chemistry 40SA
Physics 30S Physics is the study of relationships between matter and energy in the world and the universe. This course takes an introductory look at Waves (sound and light); Mechanics (motion and forces); and Fields (gravity, electricity and magnetism). Equation solving and manipulation skills acquired in Math: Pre-calculus 30S will be required. Laboratories, assignments, tests and a final exam are all a part of this course's final grade.	any Science 20F and Math: Intro to Applied & Pre-Calculus 20S
Physics 30SA This course is designed for students considering AP Physics in the following year. Essentially this course is the same as the Physics 30S course, both in content and evaluation. There will, however, be more focus on certain details as well as extra topics in order to prepare students for AP Physics the following year.	any Science 20F and Math: Intro to Applied & Pre-Calculus 20S
Physics 40S This course is an extension of Physics 30S. It will enhance the understanding of mechanics, fields, and electricity while introducing a new unit of medical physics. Topics will include: projectiles, momentum, low-earth orbits, circuits and radiation. Success in Physics 30S will best determine a student's readiness.	Physics 30S And Math: Pre-Calculus 30S
Physics 40SA This course is designed for students considering AP Physics 42S in the second semester of the same year. Essentially this course is the same as the Physics 40S course, both in content and evaluation. There will, however, be more focus on certain details as well as extra topics in order to prepare students for the AP Physics Exam.	Physics 30SA and Math: Pre-Calculus 30S
Physics 2 AP 42S This course will focus on the topics of the AP Physics 1 and 2 curricula that includes: Mechanics; Fluid/Thermal Physics; Electricity/Magnetism; Waves/Optics; and Atomic/Nuclear Physics. Much of the material will have been completed in the Physics 30SA and Physics 40SA courses. Therefore, significant emphasis will be placed on synthesizing this material through tests, labs and assignments to best prepare students for the AP Physics 1 and 2 Exams held in May.	Physics 40SA

Social Sciences



Students considering AP courses are encouraged to make an appointment with a guidance counsellor in Student Services (204-729-3960).

***NOTE:** Elective course availability subject to demand.

Psychology 40S

Psychology AP 42S

Social Sciences

Course Description	Prerequisites
Social Studies 10F Canadian issues are the emphasis of the Grade 9 Social Studies course. The purpose is to give students an introduction and overview of our country. Topics covered include: the physical base, political, legal and economic systems, and Canada's international relationships and cultural base. Current affairs are an important part of the program.	None
Geographic Issues of the 21st Century 20F Geographic Issues of the Twenty-first Century is a contemporary study of Canadian geography. The physical, environmental, economic, social, cultural and political aspects of Canadian life and international relations are presented. Both positive and negative aspects of geographic connections are examined, giving students a realistic view of conditions throughout Canada and relations with other countries.	Social Studies 10F
History: Canadian 30F The course examines key topics in the historical development of Canada through a thematic approach. Themes will include the peopling of the country, the evolution of colonial societies, and the development of government and industrialization of our society. The history of Western Canada to the present and Canada's relations with other countries will also be addressed. The objective of the course is to promote Canadian citizenship and a broader understanding of the historical forces that have shaped our society. The underlying theme is reflected in the concept "in order to understand the present we need to know the past".	Social Studies 10F and Geography 20F
History: American 20G The main intent of the American History course is to create a greater understanding of significant events that shaped the United States and to look at why the U.S. is the country it is today. The course will begin with the early colonization of North America and continue up until modern times. Topics studies include: The American Revolution, American Civil War, American foreign policy, American culture and current events. There will be a focus and emphasis on those historical events that have influenced the world, especially Canada.	None
History: Western Civilization 40S In Western Civilization, students will acquire analytical and communication skills that will provide them with a solid base for tackling higher level studies. Units in this course include Ancient Greece, Rome and the Rise of Christianity, Medieval Times, Renaissance (with an emphasis on art) and Reformation (religious wars), The Age of Revolution (Glorious, American, French, Bolshevik), Industry and Nationalism, 20th Century Developments (Leninism, Nazism, Existentialism, Modern Arts, Drugs as Religion, Music and Movements of the1960's). Emphasis will always be on connecting the past to the development of the present. Get ready to THINK as you as you analyze and challenge the assumptions that historians have made for decades!	Grade 11 or 12 student
Global Issues: Citizenship & Sustainability 40S This course examines a variety of issues that provide students with a world perspective by analyzing topics such as the media, religious, political, social, and economic ideologies, war, terrorism and human rights. The issues will be considered in terms of current world events and trends. Because this course is interactive in its approach, students must be prepared to participate and be directly involved in discussions, seminars and debates.	History of Canada 30F Grade 11 or 12 student

Social Sciences

Course Description	Prerequisites
Cinema as a Witness to Modern History 40S This course looks at the role film has played in the portrayal of history. Students will explore films from different genres, and time periods. They will be required to critically analyze how accurate or inaccurate the selected films portray historical events. Students will take an in depth look into the historical and social contexts in which the films were made, look at specific film techniques used to convey the filmmaker's message, and examine the influence film has on a student's understanding of the past. Films from Canadian, American and International cinema will be examined. Themes that will be covered include ideology and revolution, war and peace, oppression and resistance and power and propaganda. After taking the course students will not only have a better understanding of significant 20th century historical events (World Wars, The Holocaust, Vietnam War, Rwanda crisis,) but they will become active, critical, interpretive, and aware viewers of cinema.	Grade 11 or 12 student
First Nations, Métis & Inuit Studies 40S The First Nations, Métis, and Inuit Studies supports the empowerment of students through the exploration of the histories, traditions, cultures, worldviews, and contemporary issues of Indigenous peoples in Canada and worldwide. Students gain knowledge and develop the values, as well as the critical thinking, communication, analytical, and inquiry skills, that will enable them to better understand past and present realities of Indigenous peoples. Additionally, exploration of topics such as self-determination, self-government, and language and cultural reclamation allows students to understand and work towards the post-colonial future envisioned by Indigenous peoples.	Grade 10, 11 or 12 student
Canadian Law 40S Do you know the law? Students who understand, appreciate, and respect the concept of the rule of law and the operation; benefits and limitations of our legal system are more likely to be productive, informed, and law-abiding citizens. Canadian Law will introduce you to many specific aspects of our Canadian legal system including your civil liberties as well as criminal, civil, tort, contract, and family law. Students will have the opportunity to tour the local correctional institute and courthouse and view many thought-provoking videos dealing with the law. Guest speakers also make this course an experience that you do not want to miss. This course will appeal to students who want to develop their legal knowledge as well as their skills in critical thinking, organization, research, analysis, and decision-making. Students considering a post-secondary education in business or law are advised to take Law.	Grade 11 or 12 student
World of Religions 40S Have you ever wondered why some people claim to see or be in touch with the supernatural on an almost daily basis, while others deny its existence? In World of Religion class, we will explore the "religious impulse". Why do some people believe? What do people believe? In World of Religion 40S will you be able to study Hinduism, Buddhism, Judaism, Christianity, Islam, and Rastafarianism. In World of Religion class, you go as a school group to see the fascinating sights and sounds of a Hindu Temple, Buddhist Temple, and Sikh Temple in Winnipeg. In this class will you be able to visit a mosque and a synagogue with your fellow students. Sign up and experience life! (World of Religion 40S is not intended to convert anyone to a particular religion or to religion in general. It is intended to give students a basic working knowledge of various religions ascribed to by many people in our society)	Grade 11 or 12 student

Social Sciences

Course Description	Prerequisites
Psychology 40S This course examines a variety of major concepts and theories in psychology. Themes include Introduction and Research Methods, Biopsychology, Developmental Psychology, Cognitive Psychology, and Variations in Individual and Group Behaviour. Students will develop an understanding of human thought and behavior, as well as differences among people. Students will be expected to use their critical thinking skills to evaluate their surrounding environments and relationships. It is recommended that students have strong reading and writing skills.	Grade 11 or 12 student
Psychology AP 42S Psychology AP is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. To accomplish this, the course provides instruction in each of the following 14 content areas: History and Approaches, Research Methods, Biological Bases of Behavior, Sensation and Perception, States of Consciousness, Learning, Cognition, Motivation and Emotion, Developmental Psychology, Personality, Testing and Individual Differences, Abnormal Psychology, Treatment of Psychological Disorders, and Social Psychology.	Psychology 40S It is recommended that students have very strong reading, writing and technology skills along with the ability to work independently.

Social Sciences

HUMAN ECOLOGY CERTIFICATE

The Human Ecology certificate has been developed to recognize the commitment and achievement in this content area. The Certificate can be achieved through the completion of seven (7) credits in Human Ecology Courses. Human Ecology courses are in the following streams:

- Textile Arts & Design
- Foods and Nutrition
- Family Studies

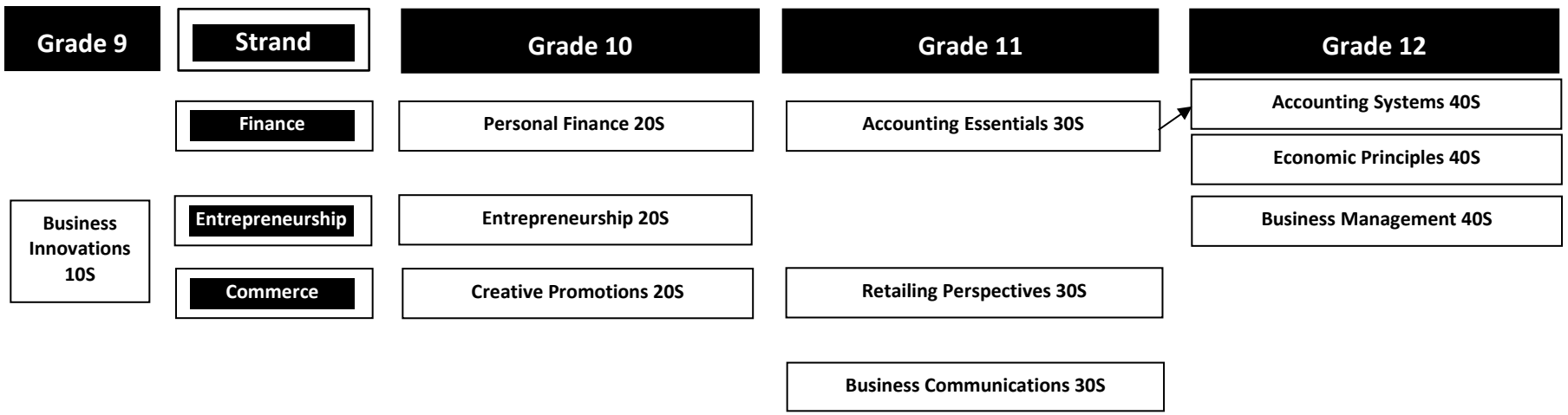
Students wanting to receive the certificate must complete a major, defined by 3 consecutive credits at the grade 10, 11 and 12 levels. The remaining four (4) elective courses can be selected from the other disciplines of Human Ecology. Students considering a Human Ecology Certificate are encouraged to make an appointment with a guidance counsellor in Student Services (204-729-3960)

Course Description	Prerequisites
Textile Arts & Design 10S Grade 9 Textile Arts and Design explores the basic knowledge and skills required to design and create textile products. Students will explore the impact that fashion has on consumer choices and its influence on relationships. This course will explore colour theory and design concepts. Students will be introduced to fabric manufacturing and the impact it has on the environment. Approximately 60% of the course will be practical sewing and textile projects. Students will be responsible for costs incurred for the fabric/notions needed for their projects (minimum $25) and all other equipment and supplies will be provided.	None
Textile Arts & Design 20S Grade 10 Textile Arts and Design examines the broader knowledge and skills required to design and create textile products. Students will examine the basics of creative costuming, cultural fashion design, and consumer practices that have an impact on individuals within their community. The impact of fashion on consumer choices and its influence on relationships are explored in more depth. Students will be challenged to address issues within the textile industry and their impact on the environment, in addition to social justice and clothing security challenges. This course also provides a brief introduction to the study of environmental design and how to create housing that is practical and esthetically pleasing. Students will be responsible for costs incurred for the fabric/notions needed for their projects (minimum $25) all other equipment and supplies will be provided.	Textile Arts & Design 10S
Family Studies 10S This course examines the family, its functions, and the responsibilities of family members to each other and the family unit. The adolescent stage of human development is studied: the changes, influences, relationships, communication. Students examine factors influencing self-concept, identify behaviours promoting health and well-being and explore personal values and goals. The multicultural components of community, tolerance, and the influence of individuals on community are discussed.	None
Family Studies 20S Family Studies 20S examines the factors involved in determining readiness for parenting. Issues involved in teen pregnancy are discussed. The stages of human development from conception through preschool are studied. Students identify caregiving behaviours that promote healthy and nurturing environments and have opportunities to practice and develop these nurturing techniques in a *nursery school practicum.* Communication skills that contribute to healthy parent-child relationships are identified and practiced.	None

Social Sciences

Course Description	Prerequisites
Family Studies 30S The rights and responsibilities of parents and caregivers in charge of school-aged children are identified and discussed. Psychological theories of development for school-aged children are studied and related to care that meets needs and enhances development. Family stress issues are explored, and the varying impact on children's needs examined. Communication skills contributing to healthy sibling relationships are practiced. Students could apply theoretical aspects of this course to practical experiences and situations with pre-school and school aged children in a practicum setting. Careers that provide services for individuals and families are investigated.	None
Family Studies 40S Societal change, the resulting change in family form and function, and the implication of such change, is examined. The adult life cycle and how it relates to the family life cycle is analyzed. Psychological theories of development from late adolescence through adulthood to old age are studied and related to the nurturing and meeting of needs at each stage. A choice of practicums involving interaction with seniors is included. Students examine the role love plays in various relationships, analyze, and evaluate strategies for building, maintaining, and ending relationships, and critique factors to be considered when contemplating marriage. Communication skills that contribute positively in the workplace and at home are identified and practiced. The effect of addictions and family violence on family members is examined, stress management techniques introduced, and available resources identified.	None
Food & Nutrition 10S Food and Nutrition focuses on the nutritional needs of the body: the energy needs, the cell-building and maintenance needs, and regulation and protection needs. Food labs are incorporated into each nutritional need being studied. Food preparation skills such as the following of recipe instructions, the measuring of ingredients, the use of various cooking techniques and equipment, the safe handling of food are practiced. Consumer decision-making skills, using the resources of time, energy, and money to meet the food need of individuals and families are developed.	None
Food & Nutrition 20S This course examines the effects of food on daily living and fitness. Strategies are developed for meeting food needs taking into consideration personal energy and time demands as well as available resources. Labs provide practice in planning, preparing, and serving food that is nutritious and appealing to the senses. The physical and chemical changes that occur in food preparation are identified and evaluated.	Food & Nutrition 10S
Food & Nutrition 30S This course is an introduction to the types of structures of recipes and their uses in the modern kitchen. This course will give students an opportunity to explore their relationship with food in both a theoretical and practical way. This class will spend approximately 80% of class time in daily production for the school canteen. Food preparation will include daily specials, soup, salads, and snacks.	Food & Nutrition 20S
Food & Nutrition 40S In this course, students will be responsible for baked products, food purchasing & receiving, and kitchen production in the school canteen. Students will learn how to properly prepare cookies, buns, pie, cheesecake, and fresh pasta. Students will have a work placement in this class outside of the school canteen that could make a connection to a potential employer.	Food & Nutrition 30S

ELECTIVES: APPLIED COMMERCE EDUCATION



Applied Commerce Education (ACE) consists of an optional cluster of courses for high school students interested in pursuing a future career in a commerce related field such as economics, entrepreneurship, business, marketing, technology, and finance. Each of the individual courses is also an excellent option for any student wanting to understand more about their role in our global economy. The fourteen course offerings in the Applied Commerce area allow students to develop the skills needed to be effective business leaders, innovators, citizens, consumers, and employees.

The ACE courses have been categorized into strands. Business Innovations 10S is an introductory course which pertains to all strands.

Finance: focuses on personal finances, accounting, and economics.

Entrepreneurship: focuses on entrepreneurship, and the development and management of business.

Commerce: focuses on promotions, retailing, marketing, and e-commerce.

http://www.edu.gov.mb.ca/k12/cur/teched/bus_ed.html

Senior Years Technology Diploma:

Applied Commerce Education – 8 credits from the list below must be completed (including two 30S courses and two 40S courses)

Business Innovations 10S
Personal Finance 20S
Entrepreneurship 20S
Creative Promotions 20S
Accounting Essentials 30S
Retailing Perspectives 30S
Business Communications 30S
Accounting Systems 40S
Economic Principles 40S
Business Management 40S

Note: Elective Course availability subject to demand.

ELECTIVES: APPLIED COMMERCE EDUCATION

Course Description	Prerequisites
Business Innovations 10S (Intro Course) Business Innovations is an introductory course that allows students to sample the various strands within the applied commerce education program. The course offers students the opportunity to explore commerce-related topics, such as economics, entrepreneurship, business, marketing, technology, and finance. Throughout the course, students will apply the concepts and strategies they learn to a variety of creative business projects or simulations. It is the suggested introduction to all the other courses offered in the applied commerce education subject area.	None
Personal Finance 20S (Finance Strand) Personal Finance focuses on developing fundamental financial literacy skills, including the value of money, basic economics, budgeting, saving, financial institution services, and investing. This is especially relevant to high school students, since they are entering the workforce and are considering future purchases that require financial planning, such as buying a car, travelling, or pursuing post-secondary education. Since financial literacy is a life skill, this course is a good option for all students.	None
Accounting Essentials 30S (Finance Strand) Accounting 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 (0310). Students interested in pursuing post-secondary studies in any business discipline will benefit considerably by completing this course.	None
Accounting Systems 40S (Finance Strand) Accounting Systems is an extension of Accounting Essentials (0309). It includes an introduction to financial analysis and corporate accounting. With an emphasis on accounting for a merchandising business, students will apply their knowledge and skills to complete the stages of the accounting cycle. The skills acquired in this course are not only useful when pursuing a career in business or accounting, but essential for everyday life.	Accounting Essentials 30S
Economic Principles 40S (Finance Strand) Economic Principles focuses on both microeconomic and macroeconomic principles including systems and structures, supply and demand, market influences, the global market, and decision making related to economic factors. This course is designed for students wanting to learn more about how the economy impacts their personal and business decisions at a local, national, and global level. Students will learn more about their role in the economy and how economic conditions affect short- and long-term decision making. Since everyone is a participant in our economic system, all students would benefit from taking this course. It is also an excellent course for students interested in pursuing post-secondary studies in the area of business, accounting, or economics.	Grade 11 or 12 student

Note: Elective Course availability subject to demand.

ELECTIVES: APPLIED COMMERCE EDUCATION

Course Description	Prerequisites
Entrepreneurship 20S (Entrepreneurship Strand) Entrepreneurship focuses on developing the foundational 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. This course will provide valuable hands-on learning experiences in the school store: The Viking Vault.	None
Business Management 40S (Entrepreneurship Strand) Business Management focuses on developing skills in planning, leading, organizing, controlling, and staffing. Students will study various management styles and participate in activities related to human resources, inventory, finance, and project management. This course is designed for students interested in furthering their knowledge of management strategies used in various settings and furthering their knowledge of business ownership.	Grade 11 or 12 student
Creative Promotions 20S (Commerce Strand) 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.	None
Retailing Perspectives 30S (Commerce Strand) Retailing Perspectives helps students gain an understanding of retailing from both a theoretical and a practical approach. This course provides insight on the various types of retail establishments and forms of ownership. It emphasizes the retailing operations of both a physical and an online environment. Retailing Perspectives focuses on the financially sustainable strategies retailers use to appeal to consumers. This course is designed for students interested in managing or owning their own retailing establishment. It is, however, relevant to all students, since, as consumers, they experience retailing as part of their daily lives.	None
Business Communications 30S (Technologies, Topics and Trends Strand) Business Communications focuses on communication skills and techniques that are essential in business. Students will develop effective written, verbal, interpersonal, and visual communication skills. They will also learn how to use current technologies to create communications that are clear, concise, and designed for business. Business Communications is designed for students interested in pursuing post-secondary studies in the business field. It is also a desirable course option for future entrepreneurs or any individual who wants to develop effective workplace communication skills.	None

Note: Elective Course availability subject to demand.

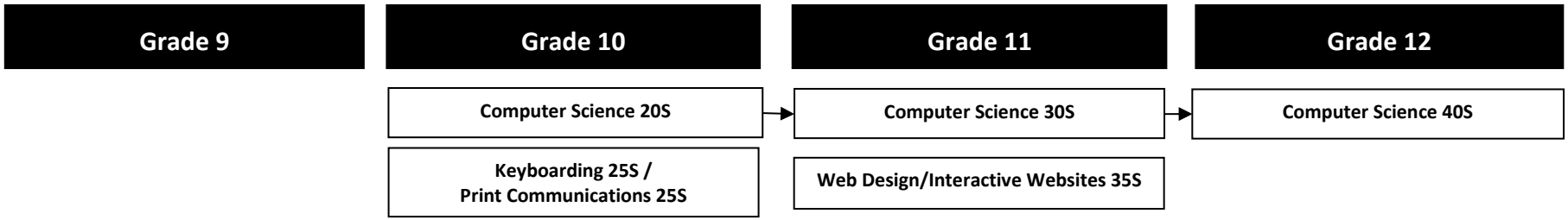
Electives: Career Development

Grade 9	Grade 10	Grade 11	Grade 12
	Career Development 20S	Career Development 30S	Career Development 40S

Course Description	Prerequisites
Career Development 20S Career development is the process of managing life, learning, and work. The course focuses on developing a set of skills to make appropriate decisions for life, work, and the essentials for post-secondary education/training that is required for today's economy. Students will also get the opportunity to explore a variety of occupations through workplace speakers and personal research. Topics are covered in five main areas: Personal Management, Career Exploration, Learning and Planning, Job Seeking and Job Maintenance, Career and Community Experiences.	None
Career Development 30S/40S Career Development 30S/40S is a program which is designed to prepare Grade 11 or Grade 12 students for the realities of today's workplace. The program will provide students with an opportunity to integrate classroom theory with practical and meaningful experiences in the workplace. This program will also facilitate growth and development in students that will assist them in the investigation of career paths.	Grade 11 or 12 student

Note: Elective Course availability subject to demand.

Electives: Computer Science



Course Description	Prerequisites
Computer Science 20S This is an introduction to the art and science of computer programming using the Visual Basic programming language. You will learn to write simple programs for mathematics, business, engineering, science, finance, and fun. This course is for anyone who enjoys puzzles, creativity, and thinking.	None
Computer Science 30S If you enjoyed Computer Science 20S and want more, this is the course for you. You'll learn a new programming language (Python) and will work with advanced data structures to explore how computers store and manipulate information. As well you will learn more complex programming strategies, using larger programs such as simulations and database management.	Computer Science 20S
Computer Science 40S If computer science is now in your bones, or you plan on entering fields such as engineering, medicine, mathematics, physics, or computer science after you graduate, you should certainly consider this course. Java programming language is used to explore searching and sorting algorithms, efficiency, systems programming, recursion, relational database management, and other advanced topics in computer science. Projects that require a team approach to help solve an actual school or community problem will be part of the course.	Computer Science 30S
Keyboarding 25S/ Print Communications 25S This is a great course to get you comfortable with information communication technology at the high school level. You will improve keyboarding speed, accuracy, and technique as well as plan and create a variety of documents for business communications, such as letters, reports, résumés, essays, and memos, while incorporating elements of good design and appropriate tone. This course will help you develop skills for high school and be better prepared for both post-secondary education and job opportunities. This course is strongly recommended to any student planning to take other computer or technical courses.	None
Web Design 35S/ Interactive Websites 35S Web Design and Interactive Websites are two ½ credit courses offered sequentially in a single semester. Students will learn how to critically evaluate website quality and to create and maintain quality web pages. Students will learn about the importance of web standards and how to create effective design by manipulating images and text.	None

Note: Elective Course availability subject to demand.

Electives: Fine and Performing Arts: Drama, Music, Visual Arts

Grade 9	Grade 10	Grade 11	Grade 12
Visual Arts 10S	Visual Arts 20S	Visual Arts 30S	Visual Arts 40S
Drama 10S	Drama 20S	Drama/Theatre Performance 30S	Drama/Theatre Performance 40S
Musical Theatre / Theatrical Chorus 10S	Musical Theatre / Theatrical Chorus 20S	Musical Theatre / Theatrical Chorus 30S	Musical Theatre / Theatrical Chorus 40S
Concert Choir 10S	Concert Choir 20S	Concert Choir 30S	Concert Choir 40S
Chamber Choir/Adv. Ensemble 10S	Chamber Choir/Adv. Ensemble 20S	Chamber Choir/Adv. Ensemble 30S	Chamber Choir/Adv. Ensemble 40S
Concert Band 10S	Concert Band 20S	Concert Band 30S	Concert Band 40S
Wind Ensemble/Adv. Ensemble 10S	Wind Ensemble/Adv. Ensemble 20S	Wind Ensemble/Adv. Ensemble 30S	Wind Ensemble/Adv. Ensemble 40S
Jazz Band 10S	Jazz Band 20S	Jazz Band 30S	Jazz Band 40S

FINE AND PERFORMING ARTS CERTIFICATE

The Fine and Performing Arts Certificate has been developed to recognize the commitment and achievement in this content area. The Certificate can be achieved through the completion of seven (7) credits within the Fine and Performing Arts department as indicated above as well as **Graphic Communication Visual Arts courses**.

Students wanting to receive the certificate must complete a major, defined by 3 consecutive credits at the Grade 10, 11 and 12 levels in a narrow area of study within the following streams: **Instrumental Music, Visual Arts, Dramatic Arts, Choral / Vocal Arts.** The remaining four (4) elective courses can be selected from any of the content areas.

Private Music Option credits can be used toward the elective course requirements for this certificate. Please check with Student Services.

Students considering a Fine and Performing Arts Certificate are encouraged to make an appointment with a guidance counsellor in Student Services (204-729-3960).

ART

General Objectives:

- to study Art as a language, for personal enrichment and expression
- to develop awareness of the physical world and the world of imagination
- to appreciate the nature and function of arts in society
- to introduce students to a variety of media and techniques

Note: Elective Course availability subject to demand.

Electives: Fine and Performing Arts: Drama, Music, Visual Arts

Course Description	Prerequisites
Visual Arts 10S The course introduces students to the elements of design through lectures, demonstrations exercises and assignments around the elements of art: line, shape, value, texture, and color. A foundation in the art elements will prepare students for future art studies or for personal knowledge to be applied when making visual decisions. A variety of media experiences, exposure to master artists, art styles and movements will round out this introductory program.	Genuine interest in making and learning about art.
Visual Arts 20S The principles of design are techniques used to organize the elements of art into successful and effective works of art. Students will recognize how master artists rely on their knowledge of materials, and design to create artwork that displays a sense of unity. A successful composition displays controlled or planned principles: balance, emphasis, movement, and unity plus several subordinate principles to create a harmonious whole. Students will examine how understanding and employing these principles strengthens art production and appreciation. A sketchbook will be required for notes and assigned work.	Genuine interest in making and learning about art.
Visual Arts 30S This course will give students an opportunity to explore a variety of media through exercises and finished pieces with a focus on drawing and painting. Exposure to challenging techniques and innovative variations will push skills and creativity to higher levels as students take risks to test the interdependence of the components of art namely: media, subject, design, and content. An opportunity to make a personal social statement and use the 4 step Art Critique System will round off this advanced course. A sketchbook will be required for notes and assigned drawings.	Visual Arts 20S
Visual Arts 40S This course will give students an opportunity to explore themes and produce reactionary pieces on topics that include reflecting on historical events, current issues, period styles, and personal points of view. Students will demonstrate technical, composition and production skills through a set number of pieces in varied subject, media, and content. Students will have the time and guidance to create a personal portfolio of personal expressive styles. A sketchbook will be required for notes and assigned drawings. (Students in this course may incur individual, additional expenses for unique materials.)	Visual Arts 30S
Drama 10S This course introduces preliminary dramatic skills, including creativity, imagination, problem solving, and confidence. The course will include art projects, group work, and interpretation and creation of scripts. The intent of this course is to make students feel more comfortable working in front of others as students increase in dramatic maturity.	None
Drama 20S This course introduces the practical elements of drama, including concentration, movement, voice, improvisation, and performance. The intent of this course is not only to develop students' acting skills but also to help them learn to communicate in a variety of enjoyable and challenging ways. Drama 20G is a pre-requisite for students interested in Theatre Performance 30S or 40S.	None

Note: Elective Course availability subject to demand.

Electives: Fine and Performing Arts: Drama, Music, Visual Arts

Course Description	Prerequisites
Drama / Theatre Performance 30S This course offers interested and highly motivated students an opportunity to exercise their creativity and to strengthen their acting skills. Course work will involve the analysis and performance of scripts from a variety of theatre genres, understanding of acting methods, character improvisation, and a knowledge of the history of theatre. Students' success in the course will rely heavily on how well they work as effective group members and upon their willingness to take risks.	Drama 20S
Drama / Theatre Performance 40S This course is a continuation of Theatre Performance 30S where students will have the opportunity to further strengthen their *"theatrical abilities"* through an increased number of performance opportunities.	Drama 30S
Musical Theatre / Theatrical Chorus 10S This course will be an introduction to the genre of Musical Theatre as students learn to integrate singing, dancing, and acting on the stage. Students will learn about various types of musical preparations, including solo and ensemble dance, opera, operetta, and Broadway and Off-Broadway musicals. Performances for other students and/or the public may be a part of the course.	None
Musical Theatre / Theatrical Chorus 20S Course content will focus on singing, dancing, and acting as it relates to musical theatre. Students will receive an overview of the history of this genre and several performance projects as they develop both on stage and backstage skills. In class auditions are held for a class production.	None
Musical Theatre / Theatrical Chorus 30S This course is a continuation of Musical Theatre 20S where students will strengthen their singing, dancing, and acting as it relates to musical theatre and specifically the Broadway tradition. Students will explore the relevance of Broadway through the past and the present as they continue to develop performance and backstage skills. In class auditions are held for a class production.	Musical Theatre 20S
Musical Theatre / Theatrical Chorus 40S This course is a continuation of Musical Theatre 30S where students will share their knowledge in the areas of singing, dancing, acting, and performing. Students will synthesize their knowledge of the history of musical theatre through further research and analysis. They will also be given the opportunity to showcase their creativity through the creation of a mini-musical. In class auditions are held for a class production.	Musical Theatre 30S
Concert Choir 10S/20S/30S/40S Concert Choir is a credit course open to all students. Classes are held three times per week outside of the regular schedule. The choir program focuses on the development of singing and ensemble skills. Students will have the opportunity to be a part of a community who enjoys singing. They will study a wide range of high quality repertoire from folk and world to classical and popular music. The group participates in several performances throughout the year, including festivals, workshops, concerts, and tours.	Interest Choir 10S Choir 20S Choir 30S

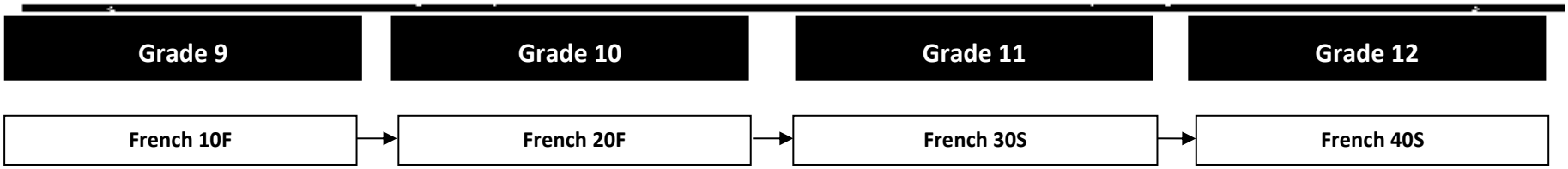
Note: Elective Course availability subject to demand.

Electives: Fine and Performing Arts: Drama, Music, Visual Arts

Course Description	Prerequisites
Chamber Choir/Advanced Ensemble 10S/20S/30S/40S Chamber Choir is an auditioned ensemble for those who would like to explore more advanced choral music than in concert Choir. It is a performance-based class providing students from grades 9 to 12 with the opportunity to make challenging music that covers a wide variety of genres, historical eras, languages, and cultural traditions. Chamber Choir is a credit course that meets outside of the regular timetable. The Choir will participate in many performances throughout the year, including festivals, workshops, concerts, and tours.	Enrollment in Choir 10S, 20S, 30S or 40S is required.
Concert Band 10S/20S/30S/40S The band program consists of wind, percussion, or string bass studies. The program is based on the study of a widely varied repertoire with a perspective of music history and an emphasis on individual performance ability. A theory-aural section is focused on the development of personal musicianship. Workshops, concerts, tours, exchanges, and festivals are an intrinsic part of the band program and group performances is emphasized. All students registered in the band program are also eligible to participate in the many extra-curricular music groups that may include drum line, jazz combo and other small group ensembles.	Satisfactory completion in a Grade 8 Band Program or by special permission of the teacher.
Wind Ensemble/Advanced Ensemble 10S/20S/30S/40S The band elective is the Wind Ensemble which is the top performing band at Vincent Massey and is for students who wish a more challenging ensemble than regular band offers. Do not be fooled by the term Wind Ensemble as it is just a fancy name for a smaller, more select band and it does include percussion and string as well as all the regular band instruments. It is for students from grades 9—12 who are capable of meeting the challenge. The class is scheduled after school on Wednesday from 4:00 pm—6:00 pm, therefore it does not take up a slot in the regular timetable. If uncertain, still register for the course and attend the class for a trial period in September. The emphasis is on performing repertoire that is challenging and musically advanced.	Acceptance into Wind Ensemble 10S or 20S requires enrollment in regular Band.
Jazz Band 10S/20S/30S/40S Jazz band is offered to students who are interested in learning to perform in the jazz idiom. Many different styles of jazz music will be explored, including swing, rock, funk, ballad, and Latin. No previous experience is necessary. Jazz is open to all interested individuals on traditional jazz band instruments and by special permission to those playing non-traditional jazz band instruments such as clarinet, flute, French horn, baritone, etc. As part of the class, there will be many performances both in Brandon and at various festivals to which the group will travel. Participation is an essential component of this course. Jazz band is offered in non-standard slots.	Jazz Band 10S & 20S requires enrollment in regular Band.

Note: Elective Course availability subject to demand.

Electives: Languages



The objective of the program is to improve the students' abilities in the areas of speaking, listening, reading, and writing, while at the same time motivating the students to continue with their language studies and to develop a knowledge of and appreciation for other cultures. Major language functions, vocabulary, and grammar elements are regularly reintroduced and further developed to promote better retention and to build more confidence.

Course Description	Prerequisites
French 10F Learning any alternative language should be an interesting, motivating and rewarding experience. It should also be within anyone's abilities. This class will hopefully inspire the students to continue learning French. Using a story-telling approach which virtually ensures that all students will understand, our class will learn French in a manner similar to how they learned their first language. Students will quickly enjoy listening to our bizarre stories, acting in them, and realizing that language acquisition does not need to be difficult, grammar-rule oriented, or boring.	Recommended Middle Years French
French 20F Grade 10 French continues our story-based activities while also adding themed, project-based units. It is expected that students attempt to converse as much as possible in French. Our learning emphasis is still based on gestures, visuals and a lot of partner and small-group practice. Students will view *Café des rêves*, an excellent 6- episode French movie dealing with the daily problems of several teens living in Lille. On-line resources and music supplement the wide variety of everyday coping strategies that students should enjoy. By the end of the course, students should feel confident about speaking French and be able to converse in everyday situations more readily.	French 10F
French 30S Grade 11 French is characterized by more reading (Le Petit Nicolas series) and more cultural music. Several interesting projects should continue to motivate the students to continue improving, especially their speaking ability. Emphasis at this point starts to include more written assignments, although the bulk of our in-class time is spent on oral communication activities. At this point, students should feel very comfortable communicating in French at all times. Sampling French foods typical of different regions is one of many cultural "frostings" used to enliven the learning process. During this semester, students have the opportunity to apply for ***Explore***, a summer French bursary that allows students to take a 5-week French "course" in one of many French communities in Canada.	French 20F
French 40S Our "living" experience at this point will take us on an exploration of other areas of *la francophonie* (French-speaking countries) especially the province of Quebec and some Caribbean islands. Students will make a movie in French and examine many modern French songs. At this point, English will be non-existent in class. We will take advantage of the excellent and fun ***Excels*** program at Brandon University. This will also give them an introduction into university life. *My main goal through this semester will be to encourage students to continue with their French education through one of the many exciting opportunities available to them. The **Explore** program is once again available for those wishing to travel during the summer months to improve their French. (see *myexplore.ca* for more information)	French 30S

Note: Elective Course availability subject to demand.

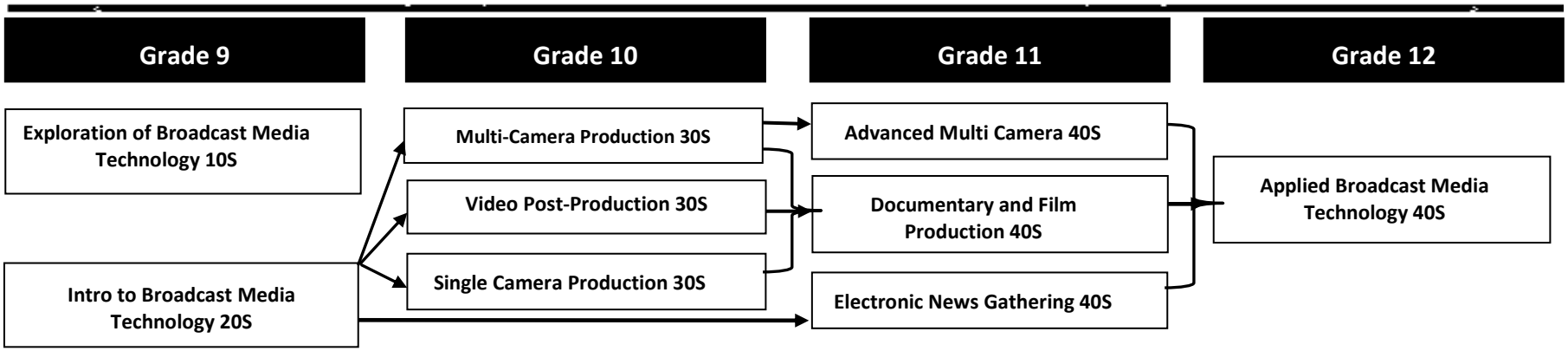
Electives: Languages

Indigenous Language classes in Cree, Dakota, Anishinaabemowin/Ojibwe, and Michif are sometimes available in Brandon School Division high schools. Elective course availability is subject to demand. If you are interested in taking an Indigenous Language class, please make an appointment with a guidance counsellor in Student Services (204-729-3960)

Course Description	Prerequisites
Cree 11G / 21G / 31G / 41G With five distinct dialects throughout Canada, instruction is on the "n" dialect originating from Swampy Cree. Participation within class and off-site language and cultural activities is encouraged for students to learn, practice, and display their oral skill development. Along with the implementation of traditional teachings, students learn to read, write, and speak at the basic level of proficiency in the Swampy Cree language.	None
Dakota 11G / 21G / 31G / 41G The Dakota Language course will provide you with an understanding in speaking, reading, writing. The course will provide knowledge on the Dakota culture and language. The class will be interactive and activity based, we will cover topics such as colours, number systems, months, kinship, greetings, introductions, history based lessons etc. Students are required to take an active role in speaking the language.	None
Anishinaabemowin/Ojibwe 11G / 21G / 31G / 41G Students will learn to speak and explore the Ojibwe language/Anishinaabemowin. The students will practice speaking, reading, and writing many descriptive phrases in the Ojibwe language/Anishinaabemowin. It also introduces students to the history, culture, and spirituality of Ojibwe culture. Upon completion, students will be able to speak, read, and write in the Ojibwe language/Anishinaabemowin, at a basic level.	None
Michif 11G / 21G / 31G / 41G The Michif Language class provides students with the opportunity to learn the basics in Michif, including speaking, reading and writing. It includes learning through a variety of activities from class instruction to group activities. It will also introduce students to Metis history and culture through presenters coming to the classroom. Upon year end completion students will have knowledge of the basics of Michif, in oral speaking, reading and writing.	None

Note: Elective Course availability subject to demand.

Electives: Technology Education – Broadcast Media Technology



Program Description

The Broadcast Media Technology Department offers students the opportunity to study the various components of the media industry. Students who enroll in the Media Arts courses will learn the basic skills of capturing still and motion imagery, as well as apply these skills in the production of recorded and live broadcasts within a studio setting. Students will also learn how to create two dimensional animations and three dimensional graphics. This program also offers students hands on knowledge and experience in creating a professional video. Upon completion of the courses in this department, students will have greater appreciation and understanding for the study of Broadcast Media Technology.

Senior Years Technology Diploma:

Broadcast Media Technology: 8 credits from the list below must be completed.

Intro to Broadcast Media Technology 20S
Multi-camera Production 30S
Video Post Production 30S
Advanced Multi-Camera Production 40S
Single Camera Production 30S
Electronic News Gathering 40S
Documentary and Short Film Production 40S
Applied Broadcast Media Technology 40S

Note: Elective Course availability subject to demand.

Electives: Technology Education – Broadcast Media Technology

Course Description	Prerequisites
Intro to Broadcast Media Technology 20S This course is designed for students who are interested in broadcast media. Students will be introduced to the tasks and equipment used in audio, video, and film production in a variety of projects. They will learn the basic skills, duties, and roles involved in the pre-production, production, and post-production of different types of media. They will also develop a stronger understanding of the importance of media in today's society.	None
Multi-camera Production 30S This course focuses on multi-camera production in studio and remote settings. Students will be introduced to the various roles involved in a studio and control room environment, as well as in mobile event production. They will develop an understanding of and create scripts, lineups, and content for their productions. They will also produce various types of video programs in a multi-camera production environment.	Intro to Broadcast Media Technology 20S
Video Post-Production 30S This course focuses on non-linear post-production for broadcast media. Students will be introduced to non-linear editing software and will learn basic editing skills. They will set up software, manage files, and import and export projects. Students will learn how to use advanced post-production skills to enhance their footage, including color correction, compositing, digital effects, graphic design elements, and audio enhancements in a variety of post-production software.	Intro to Broadcast Media Technology 20S
Single Camera Production 30S This course is designed to enhance all aspects of single-camera production when on location or in the field. Students will discuss and enhance previous skills in all areas of production. They will learn theory related to lighting, camera functions and operation, script writing, storyboarding, and editing techniques. This course will also introduce interviewing techniques and three-point lighting.	Intro to Broadcast Media Technology 20S
Electronic News Gathering 40S This course focuses on television and radio news reporting. Students will discuss and produce news items for various media platforms. They will also be assigned various job roles in electronic newsgathering, including reporting, producing, camera operation, control room operations, and post-production editing. Students will analyze and critique various news outlets and styles of electronic news gathering (ENG).	Intro to Broadcast Media Technology 20S
Documentary and Film Production 40S This course is designed to expose students to the film industry by having them produce short films and documentaries either on location or in a studio. Students will learn the various job roles, as well as all areas of production. They will also analyze and critique various films and documentaries for style, storytelling, and cultural impact. Audio storytelling will also be tackled in radio documentary discussion and projects.	*Intro to Broadcast Media Technology 20S *Multi-camera Production 30S *Video Post-Production 30S *Single Camera Production 30S
Advanced Multi-Camera Production 40S This course is designed to provide an in-depth analysis of multi-camera video production for news and sporting events in a studio setting. It includes advanced training in multi-camera video production. Students will be able to produce professional quality newscasts or live sports coverage upon completion of this course.	Intro to Broadcast Media Technology 20S *Multi-camera Production 30S *Video Post-Production 30S *Single Camera Production 30S
Applied Broadcast Media Technology 40S This course is designed to have students use their current skill sets in practical applications. Students will initiate and manage the production and delivery of projects. They will also create a portfolio and a résumé to explore employment opportunities. Students will also learn the business practices of media outlets, as well as self-marketing strategies. **Pre-requisites: *Exploration of Broadcast Media Technology 10S; Intro to Broadcast Media Technology 20S; Multi-camera Production 30S; Video Post-Production 30S; Single Camera Production 30S; Advanced Multi-Camera Production 40S Electronic News Gathering 40S; *Documentary and Film Production 40S**	See course description for pre-reqs.

Note: Elective Course availability subject to demand.

Electives: Technology Education - Drafting Design Technology

Grade 9	Grade 10	Grade 11	Grade 12
Drafting Design Technology 10G	Drafting Design Technology 20G	Drafting Design Technology 30G	Drafting Design Technology 40G

Course Description	Prerequisites
Drafting Design Technology 10G Drafting and Design Technology provides students opportunities for solving problems, designing, creating, and addressing current trends and issues. Students will use technology to create practical solutions to problems and develop technical skills, knowledge, and attitudes. The course involves the presentation of visual messages, exercise, and experience relative to communication with technical graphic material. Some of the activities included are: • Mechanical Drafting • Graphic Design and Layout • Scale Model Building • Architectural Drafting • Computer Graphic Design • Computerized Drafting • Commercial Art There is a strong emphasis on designing and creating in woodworking. The program allows the students to develop concepts of and appreciation for technical Graphic Communications in our society.	None
Drafting Design Technology 20G The major objectives of the course are: • To explore the significance of drafting and commercial art in meeting the personal needs of the larger community in our technological society • To develop attitudes allowing students to work effectively with materials and equipment used in Graphic Communications The course involves both theoretical and practical learning in the following areas: • Mechanical Drafting • Scale Model Building • Architectural Drafting • Layout and Design • Computerized Drafting • Binding and Packaging • Computer Design Applications • Vocational Guidance • Image Generation Procedures • Problem solving/Decision making such as planning, designing, cost estimation, systematizing, evaluating, adjusting, and diagnosing plans and procedures. There is a strong emphasis on designing and creating in wood.	None
Drafting Design Technology 30G Drafting and Design Technology provides students the opportunity to work with modern technology programs such as Auto Cad, Architectural Desktop, 3D Home Architect, Publisher, Print Artist, Photo Shop, Corel, etc. in solving problems and designing and creating • Graphic Design and Layout • Computerized Drafting • Creative Woodwork Design • Computer Graphic Design • Architectural Drafting • Scale Model Building • Mechanical Drafting	None
Drafting Design Technology 40G This course is a continuation of Drafting and Design Technology 30G. Students work on bigger projects and apply the knowledge and skill they have developed in the prior courses. Design, plan, and build is the premise for this course. A lot of the work is self-directed projects, so a good work ethic is essential.	None

Note: Elective Course availability subject to demand.

Electives: Technology Education - Graphic Communication Technology

Grade 9	Grade 10	Grade 11	Grade 12
Graphic Communication Technology 10G	Graphic Communication Technology 20G →	Graphic Communication Technology 30G →	Graphic Communication Technology 40G

Course Description	Prerequisites
Graphic Communication Technology 10G The communications course involves the presentation of visual messages, exercises, and experiences relative to communications with technical graphic material. It will allow students to explore their ideas and gain practical experience in this technology area. Some of the activities included are: • Basic Design Principles – freehand and structured • Digital Photography – types of cameras, software application; Photoshop and Introduction to Photoshop tutorials • Computer Web Design – various software • Image Generation Procedures – paper, posters, fabric; comic book development • Projects related to school activities • Into to Google Sketch-up • Claymation, flash/digital animation • Explore Custom lettering and design • 3D scale modeling, buildings, retail merchandising units • Problem Solving / Decision making exercises	None
Graphic Communication Technology 20G This course builds on the principles and procedures established in Gr. 9 Graphics. Students explore the presentation of visual messages using various technologies. The course is a hands-on, project-based experience, which is used to provide the students with examples of graphic technologies. The knowledge and activities are built upon from Graphic Communication Technology 10G. • Basic Design Principles – freehand and structured – mini golf course hole • Photography – types of cameras, camera operations, photo editing, enhancing • Image Generation Procedures – paper, 3D posters • Problem solving / decision making exercises • Animation video and digital • Green-Screen video techniques (intro) • Rube Goldberg machine design	None
Graphic Communication Technology 30G The third level of Graphic Communication Technology will again emphasis the skills needed to create various assigned projects. The skills and techniques used in the earlier levels will be used to create projects which will be assessed. Some of the topics for the assigned projects are silk screening, video editing and Green-Screen use, model design and building, Photoshop picture editing, and SketchUp design software. Students are encouraged to use their own content and create projects of interest. Career options project: researching careers, related jobs, education, etc.	Graphic Communication Technology 20G
Graphic Communication Technology 40G The final level of Graphic Communication Technology will focus on student-initiated projects that will be used in the development of a personal portfolio that represents the individual student's skills and understanding of design. There will be a focus on the Graphic Design process and theory behind effectively communicating with an audience in product design and packaging, print media, web presence and digital media. New media venues will be investigated and discussed with respect to their impact and effectiveness on target audiences. Students will be responsible for assessing, proposing, and designing ALL graphic design media to meet the needs of a chosen or assigned club/business/organization.	Graphic Communication Technology 30G

Note: Elective Course availability subject to demand.

TO BE USED FOR REFERENCE PURPOSES ONLY

**** Depending on enrollment numbers, some courses may be offered on a rotational basis.**

	Grade 9	Grade 10	Grade 11	Grade 12
English	☐ English 10F	☐ English 20F ☐ English 20FA	☐ English: Comprehensive Focus 30S AP English: Language and Composition (2 credits): ☐ English Transactional 30SA ☐ English Language & Composition AP 42S	☐ English: Comprehensive Focus 40S AP English: Literature and Composition (2 credits): ☐ English Literary Focus 40SA ☐ English Literature & Composition AP 42S ☐ English: Language & Literary Forms 40S
Math	☐ Math 10F	☐ Math: Essentials 20S ☐ Math: Intro Applied/Pre-Cal 20S	☐ Math: Essentials 30S ☐ Math: Applied 30S ☐ Math: Pre-Calculus 30S Pre-AP Calculus (both credits must be completed in Gr. 11): ☐ Math: Pre-Calculus 30S ☐ Math: Pre-Calculus 40S	☐ Math: Essentials 40S ☐ Math: Applied 40S ☐ Math: Pre-Calculus 40S AP Calculus (2 credits): ☐ Intro to Calc & Advanced Math I 40S ☐ Calculus AP 42S
Physical Education	☐ Physical Education 10F ☐ Phys Ed 10F (All-Female) ☐ Phys Ed 10F Band / Band 10G	☐ Physical Education 20F ☐ Phys Ed 20F (All-Female) ☐ Phys Ed 20F Band / Band 20G	☐ Physical Education 30F ☐ Physical Education: Personal Fitness 30F ☐ Physical Education 30F (Early-bird) ☐ Physical Education 30F (All Female) ☐ Physical Education 30F (Basketball) ☐ Physical Education 30F (Volleyball)	☐ Physical Education 40F ☐ Physical Education: Personal Fitness 40F ☐ Physical Education 40F (Early-bird) ☐ Physical Education 40F (All Female) ☐ Physical Education 40F (Basketball) ☐ Physical Education 40F (Volleyball)
Social Sciences	☐ Social Studies: Canada in the Contemporary World 10F ☐ Textile Arts and Design 10S ☐ Family Studies 10S ☐ Food and Nutrition 10S	☐ Geographical Issues of the 21st Century 20F ☐ History: American 20G ☐ Textile Arts and Design 20S ☐ Family Studies 20S ☐ Food and Nutrition 20S	☐ History of Canada 30F ☐ Family Studies 30S ☐ Food and Nutrition 30S	☐ World of Religions 40S ☐ Global Issues: Citizenship and Sustainability 40S ☐ First Nations, Métis, Inuit Studies 40S ☐ History: Western Civilization 40S ☐ Cinema as a Witness to Modern History 40S ☐ Psychology 40S ☐ AP Psychology 42S (must have Psychology 40S) ☐ Family Studies 40S ☐ Law 40S ☐ Food and Nutrition 40S

Science	☐ Science 10F	☐ Science 20F	☐ Biology 30S ☐ Chemistry 30S ☐ Physics 30S ☐ Biology 30SA ☐ Chemistry 30SA ☐ Physics 30SA	☐ Biology 40S ☐ Chemistry 40S ☐ Physics 40S AP Biology (2 credits): ☐ Biology 40SA ☐ Biology AP 42S AP Chemistry (2 credits): ☐ Chemistry 40SA ☐ Chemistry AP 42S AP Physics (2 credits): ☐ Physics 40SA ☐ Physics AP 42S
Completion of eight Applied Commerce Education courses is required for a Senior Years Technology Diploma.				
Applied Commerce Education	☐ Business Innovations 10S	☐ Personal Finance 20S ☐ Creative Promotions 20S ☐ Entrepreneurship 20S	☐ Accounting Principles 30S ☐ Retailing Perspectives 30S ☐ Business Communications 30S	☐ Accounting Systems 40S ☐ Economic Principles 40S ☐ Business Management 40S
Computer		☐ Keyboarding 25S / Print Communications 25S ☐ Computer Science 20S	☐ Web Design 35S / Interactive Website 35S ☐ Computer Science 30S	☐ Computer Science 40S
Career Development		☐ Career Development: Life/Work Planning 20S	☐ Career Development: Life/Work Building 30S	☐ Career Development: Life/Work Transition 40S
Fine and Performing Arts: Drama Music Visual Arts	☐ Visual Arts 10S ☐ Concert Band 10S / Phys Ed 10F Band ☐ Jazz Band 10S ☐ Wind Ensemble 10S ☐ Concert Choir 10S ☐ Chamber Choir 10S ☐ Drama 10S ☐ Musical Theatre 10S	☐ Visual Arts 20S ☐ Concert Band 20S / Phys Ed 20F Band ☐ Jazz Band 20S ☐ Wind Ensemble 20S ☐ Concert Choir 20S ☐ Chamber Choir 20S ☐ Drama 20S ☐ Musical Theatre 20S	☐ Visual Arts 30S ☐ Concert Band 30S ☐ Jazz Band 30S ☐ Wind Ensemble 30S ☐ Concert Choir 30S ☐ Chamber Choir 30S ☐ Drama 30S ☐ Musical Theatre 30S	☐ Visual Arts 40S ☐ Concert Band 40S ☐ Jazz Band 40S ☐ Wind Ensemble 40S ☐ Concert Choir 40S ☐ Chamber Choir 40S ☐ Drama 40S ☐ Musical Theatre 40S
Languages	☐ French 10F	☐ French 20F	☐ French 30S	☐ French 40S
Availability of Indigenous Language classes is subject to demand. Please check if you would be interested in a language below: ☐ Cree ☐ Dakota/Sioux ☐ Anishinaabemowin/Ojibwe ☐ Michif				
Tech. Ed: *Broadcast Media Technology * Drafting * Graphics	☐ Exploration of Broadcast Media Technology 10S ☐ Drafting Design Technology 10G ☐ Graphic Comm Tech 10G	☐ Intro to Broadcast Media Technology 20S ☐ Drafting Design Technology 20G ☐ Graphic Comm Technology 20G	☐ Video Post Production 30S ☐ Single Camera Production 30S ☐ Multi-camera Production 30S ☐ Drafting Design Technology 30G ☐ Graphic Communication Technology 30G	☐ Electronic News Gathering 40S ☐ Applied Broadcast Media Technology 40S ☐ Documentary and Film Production 40S ☐ Advanced Multi-Camera Production 40S ☐ Drafting Design Technology 40G ☐ Graphic Communication Technology 40G