

Morden Collegiate Institute



Registration Guide

2020 – 2021

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Welcome to Morden Collegiate Institute

Forward

Appropriate choices of high school courses will influence the amount of success and satisfaction students will experience at Morden Collegiate Institute, and will also clearly impact on career and post-secondary opportunities in the years beyond.

Students must ensure that they meet the entrance requirements of the post-secondary education, training, or work situations they intend to pursue.

Morden Collegiate Institute is a Grade 9 to Grade 12 school with a wide range of courses in the following programs:

- 1) **Regular English Program**
- 2) **French Immersion Program (French Immersion Diploma)**
- 3) **Vocational (Technology Certification)**

MORDEN COLLEGIATE CODE OF CONDUCT

At Morden Collegiate we believe that students, staff and parents will demonstrate mutual respect by encouraging all to take ownership of their behavior.

As members of the school community we can do so in the following ways:

- *Being responsible and accountable for the choices we make.*
- *Having respect for self, others and property.*
- *Treating each other with courtesy and compassion.*
- *Treating each other in a fair and equal manner.*
- *Communicating in an open, honest and appropriate manner.*
- *Demonstrating patience and integrity in our actions.*

This code was developed in co-operation with students, parents and staff of Morden Collegiate.

MORDEN COLLEGIATE MISSION STATEMENT

The Mission of our school is to create a safe and caring environment, which emphasizes learning as a life-long quest. Our school strives for equality, mutual

respect and co-operation in everything that it does; to be a place where all are encouraged to seek continually to be better, more informed people and citizens.

Registration - Important Points to Consider

- 1.) A course will be offered only if a sufficient number of students enroll in it. When elective courses are not offered, students will be assigned their alternative choice.
- 2.) Counselors are available for consultation any time during the registration process, this is especially important for students entering the collegiate as well as university and college bound students.
- 3.) Grade 9 and 10 timetables will rarely be changed once created. All timetable changes will need to be approved by the office.
- 4.) Prerequisites should be considered before selecting a course. (A prerequisite is a course that is recommended to be taken before a more advanced course.)
- 5.) It is necessary for students to take specific required courses in order to graduate. Optional courses will be scheduled in priority order as ranked by students and parents/guardians.
- 6.) It is the responsibility of the student to ensure they have all the required courses in their schedule.
- 7.) Be sure to discuss your course selections with your parent/guardian before completing the registration form. The forms must be signed by the parent/guardian.

Guide to the Course Identification System

1.) First 3 letters simplify the Course Name

2.) First number indicates the Grade Level

1 – Grade 9 2 – Grade 10 3 – Grade 11 4 – Grade 12

3.) Second number indicates Who Developed the Curriculum and the Credit Value

0 – developed or approved by Manitoba Education for 1 credit

5 – developed or approved by Manitoba Education for ½ credit

1 – developed by school/division (SIC)

1 – developed by student with teacher supervision (SIP)

4.) Final Letter indicates the Type of Credit

F (Foundation) – foundation (groundwork) course experience for all students

G (General) – general education experience for all students

S (Specialized) – learning experiences leading to further studies at post-secondary

M (Modified) – course has been modified for student who has special needs (must meet Provincial Education Guidelines)

E (English as an Additional Language) – adaptations have been made for language but not content.

Example: Math Course – Math 10F (MAT10F)

Course Descriptions

BUSINESS COURSES

ACCOUNTING ESSENTIALS 30S

1 credit course
Prerequisite: none

How many scientists, mathematicians, poets, and historians do you know? Accountants are consistently among one of the top-10 highest paid in-demand jobs in Canada.

This course provides the basis for knowing how to keep accurate and neat accounting records. Students will learn the essential accounting terms; assets, liabilities, and owner's equity, as well as how all systems relate to these concepts. Learning to prepare income statements and balance sheets as well as journal entries, posting and preparing trial balances are some of the topics.

ACCOUNTING SYSTEMS 40S

1 credit course
Recommended Prerequisite: Accounting Essentials

How many scientists, mathematicians, poets, and historians do you know? Accountants are consistently among one of the top-10 highest paid in-demand jobs in Canada.

Accounting 40S continues using what was learned in Grade 11 Accounting Essentials as well as covering new topics.

New topics include:

- special journals; combination journals; subsidiary ledgers
- merchandising and payroll
- a study of periodic and perpetual inventory control.
- an introduction to cost accounting for a manufacturing business.
- end-of-year adjustments with accruals.
- Simply Accounting (computerized accounting package)

BUSINESS INNOVATIONS 10S

1 credit course

Prerequisite: None

Are you interested in one day starting your own business and being your own boss? Do you want to learn how businesses affect your everyday life? Do you want to learn about becoming a smarter shopper?

Business Innovations in an introductory course which offers you the opportunity to explore business related topics such as economics, entrepreneurship, marketing, technology, and finance. Throughout the course, you will apply the concepts and strategies learned to a variety of creative business projects/simulations.

KEYBOARDING 25S & PRINT COMMUNICATIONS 25S

1 credit from two half-credit courses

Prerequisite: None

This course is designed to improve students' accuracy and speed with a keyboard, using proper finger placement/movement, and touch-keying technique on a QWERTY keyboard and numeric keypad. The Print Communication course is designed to provide students with the skills and knowledge to plan and create documents, conforming to recognized standards, for personal and business communications such as letters, agendas, minutes, reports and resumes.

LAW 40S

1 credit course

Prerequisite: None

Law 40S is a course which helps an average person understand Canadian law and how it works. Topics covered include criminal, tort, constitutional, contracts and family law. Activities include video presentation, court visitations and guest speakers. These presentations may be oral, video and/or dramatic in nature.

The course also spends time examining historical and future changes in the law. A better understanding of the facts and moral aspects and consequences of Canadian law and the law in general is a major objective of the course.

CAREER EDUCATION COURSES

Career Development Courses are offered as a full credit at each of the grade levels (9-12). These courses can be taken in sequence or independent of one another. All four curricula provide learning outcomes that are necessary for a successful transition into life/work experiences for the future.

CAREER EDUCATION: LIFE/WORK EXPLORATION 10S

1 credit course
Prerequisite: None

The **grade 9** curriculum provides students with an overview of career development outcomes with an emphasis on building a positive self-esteem, exploring self-assessment, locating work information, selecting high school courses and personal finance/entrepreneurship.

CAREER EDUCATION: LIFE/WORK PLANNING 20S

1 credit course
Prerequisite: None

The **grade 10** curriculum places a greater emphasis on student outcomes related to communication skills, work information, work trends, self-assessment, matching personal skills to occupations exploring business, stereotyping and discrimination in the workplace and work search tools. Students will have up to 10-15 hours to explore a work environment.

CAREER EDUCATION: LIFE/WORK BUILDING 30S

1 credit course
Prerequisite: None

The **grade 11** curriculum focuses student learning on personal management skills, life/work balance, and transition from high school. In grade 11 students will have up to 40 hours to apply specific learning outcomes during their Career and Community Experiences unit.

CAREER EDUCATION: LIFE/WORK TRANSITIONING 40S

1 credit course
Prerequisite: None

The **grade 12** curriculum gives students opportunities to internalize all the learning outcomes in a classroom setting and spend up to 60 hours applying and personalizing these outcomes in their career and community experience. The grade 12 emphasis is on the transition from high school to post-secondary training and preparation for employment.

ENGLISH LANGUAGE ARTS COURSES

ENGLISH LANGUAGE ARTS 10F

1 credit course
Prerequisite: None

The aim of this foundational course is to enhance, strengthen, and extend language proficiency, enabling students to become competent practitioners in all six strands of Language Arts (reading, writing, representing, speaking, listening, and viewing.) This course will offer students a broad range of language experiences using a variety of language forms for personal, social, and academic needs. A major emphasis on inquiry and critical thinking will be used to foster reflective learners. Students will engage in a variety of units which include short stories and short story writing, poetry, personal and formal essay writing, Shakespearean comedy, novel studies (group and independent), and various projects. This course includes a Final Process Exam.

READING IS THINKING 10S/20S

*These courses do not count as an English course for graduation requirements.

1 credit course
Prerequisite: None

These courses emphasize the key reading, writing, oral communication and thinking skills students need to be successful in their learning across high school curriculums. In particular students will read and respond to a variety of narrative and expository forms from a variety of content areas. The course activities will help develop confidence, and self-esteem when interacting with a variety of written and visual texts across curriculums. By the end of the course students will learn that:

- Reading is thinking
- Reading is a social act
- Reading empowers people and transforms the world
- Reading is a lifelong journey
- Students need to experience reading for the love of it

ENGLISH LANGUAGE ARTS 20F

1 credit course
Prerequisite: English Language Arts 10F

This course builds on the development of skills from English Language Arts 10F. It will offer students a broad range of language experiences using a variety of language forms for personal, social, and academic needs. A major emphasis on inquiry and critical thinking will be used to

foster reflective learners. Students will engage in a variety of units which include short stories and short story writing, poetry, academic essay writing and research reports, Shakespearean drama, novel studies (group and independent), and various projects. This course includes a Final Process Exam (Standards Assessment).

ELA: COMPREHENSIVE FOCUS 30S

1 credit course

Prerequisite: English Language Arts 20F

This English course balances practical and artistic purposes and uses of language. Because the course is “comprehensive”, we will divide our study equally between pragmatic and aesthetic texts. Students will learn to think critically and independently while developing their skills in reading, writing, listening, speaking, viewing and representing. Students will become increasingly proficient in using language to communicate effectively to an audience, express themselves clearly, and select appropriate forms for their purposes. They will learn to manage data and information efficiently, and to work collaboratively in small groups. Students will produce and explore oral, written, and visual texts that inform, persuade, analyze, foster understanding and empathy, reflect culture, express feelings and experiences, and bring enjoyment. Literature studies will include novels (group and independent study), non-fiction, poetry, contemporary drama, visual text, and film. This course includes a Final Process Exam (Standards Assessment).

ELA: COMPREHENSIVE FOCUS 40S

1 credit course

Prerequisite: ELA: Comprehensive Focus 30S or ELA: Transactional Focus 30S or ELA: Literary Focus 30S

This English course balances practical and artistic purposes and uses of language. Because the course is “comprehensive”, we will divide our study equally between pragmatic and aesthetic texts. Students will learn to think critically and independently while developing their skills in reading, writing, listening, speaking, viewing and representing. Students will become increasingly proficient in using language to communicate effectively to an audience, express themselves clearly, and select appropriate forms for their purposes. They will learn to manage data and information efficiently, and to work collaboratively in small groups. Students will produce and explore oral, written, and visual texts that inform, persuade, analyze, foster understanding and empathy, reflect culture, express feelings and experiences, and bring enjoyment. Literature studies will include novels (group and independent study), non-fiction, poetry, contemporary drama, visual text, and film. Students will write the *Grade 12 Provincial Standards Assessment* (Exam) at the end of the semester.

ELA: LITERARY FOCUS 30S

1 credit course

Prerequisite: English Language Arts 20F

This English course emphasizes artistic purposes and uses of language. Because the course is “literary”, we will focus our study (70%) on aesthetic, literary texts. Students will learn to think critically and independently while developing their skills in reading, writing, listening, speaking, viewing and representing. Students will become increasingly proficient in using language to communicate effectively to an audience, express themselves clearly, and select appropriate forms for their purposes. They will learn to select and use literary devices and techniques effectively, and to work collaboratively in small groups. Students will produce and explore oral, written, and visual texts that inform, persuade, analyze, foster understanding and empathy, reflect culture, express feelings and experiences, and bring enjoyment. Literature studies will include novels (group and independent study), non-fiction, poetry, Shakespearean Tragedy, contemporary drama, visual text, and film. This course includes a Final Process Exam (Standards Assessment).

ELA: LITERARY FOCUS 40S

1 credit course

Prerequisite: ELA: Literary Focus 30S

This English course emphasizes artistic purposes and uses of language. It entails an intensive analysis of literary forms, genres, techniques and elements. Because the course is “literary”, we will focus our study (70%) on aesthetic, literary texts. Students will learn to think critically and independently while developing their skills in reading, writing, listening, speaking, viewing and representing. Students will become increasingly proficient in using language to communicate effectively to an audience, express themselves clearly, and select appropriate forms for their purposes. They will learn to select and use literary devices and techniques effectively, and to work collaboratively in small groups. Students will produce and explore oral, written, and visual texts that inform, persuade, analyze, foster understanding and empathy, reflect culture, express feelings and experiences, and bring enjoyment. Literature studies will include classic literary novels (group and independent study), non-fiction, poetic forms and devices, Shakespearean Tragedy, contemporary drama, visual text, and film. It is recommended that students complete English Literary Focus 30S prior to taking the course. Students will write the *Grade 12 Provincial Standards Assessment* (Exam) at the end of the semester.

ELA: TRANSACTIONAL FOCUS 30S

1 credit course

Prerequisite: English Language Arts 20F

This English course emphasizes practical purposes and uses of language. Because the course is “transactional”, we will focus our study (70%) on pragmatic texts. Students will learn to think critically and independently while developing their skills in reading, writing, listening, speaking, viewing and representing. Students will become increasingly proficient in using language to communicate effectively to an audience, express themselves clearly, and select appropriate forms for their purposes. They will learn to manage data and information efficiently, and to work collaboratively in small groups. Students will produce and explore oral, written, and visual texts that inform, persuade, analyze, foster understanding and empathy, reflect culture, express feelings and experiences, and bring enjoyment. Literature studies will include memoirs (group and independent study), non-fiction, poetry, speeches, visual text, and documentary film. This course includes a Final Process Exam (Standards Assessment).

ELA: TRANSACTIONAL FOCUS 40S

1 credit course

Prerequisite: Transactional Focus 30S

This English course emphasizes practical purposes and uses of language. Because the course is “transactional”, we will focus our study (70%) on pragmatic texts. Students will learn to think critically and independently while developing their skills in reading, writing, listening, speaking, viewing and representing. Students will become increasingly proficient in using language to communicate effectively to an audience, express themselves clearly, and select appropriate forms for their purposes. They will learn to manage data and information efficiently, and to work collaboratively in small groups. Students will produce and explore oral, written, and visual texts that inform, persuade, analyze, foster understanding and empathy, reflect culture, express feelings and experiences, and bring enjoyment. An emphasis will be placed on inquiry and research, with application to a formal research report/project. Literature studies will include memoirs (group and independent study), non-fiction, poetry, speeches, visual text, and documentary film. It is recommended that students complete English Transactional Focus 30S prior to taking the course. Students will write the *Grade 12 Provincial Standards Assessment* (Exam) at the end of the semester.

ENGLISH AS AN ADDITIONAL LANGUAGE

EAL 11G

1 credit course

Prerequisite: None

This course is intended for beginners learning to communicate in English. Students may have little or no knowledge of English and may experience great difficulty in the regular classroom. The three main focus of this course is developing everyday vocabulary, building community, and developing English listening, speaking reading, and writing skills.

EAL 21G

1 credit course

Prerequisite: EAL 11G or similar results on a Placement Assessment.

This course expands students' essential English communication skills. These students have some knowledge of English but still need language support in regular classrooms. In this course, students continue to build community and develop their speaking, listening, and writing skills. Students will also develop reading strategies, expand vocabulary and use more complex sentence structures.

EAL 31G

1 credit course

Prerequisite: EAL 21G or similar results on a Placement Assessment.

This course also focuses on building community and continuing to expand students' oral and written English communication skills. These students have good knowledge of English and may need continued support and assistance in regular classrooms. Students will work with a variety of written material; develop presentation, research and study skills. The goal of this course is to develop the language skills necessary to function in other courses.

EAL 41G

1 credit course

Prerequisite: EAL 31G or similar results on a Placement Assessment.

Students in this course help to build community with other EAL students in the classroom. They prepare to use English with increasing accuracy in most classroom and social situations. They will study and interpret a variety of texts, further develop their presentation skills, and extend their range of research skills.

ENGLISH AS AN ADDITIONAL LANGUAGE FOR ACADEMIC SUCCESS 40S

1 credit course

Prerequisite: EAL 41G or similar results on a placement assessment.

This course is designed for advanced-level EAL students who wish to further develop the academic English Language skills required for success in high school and post-secondary education. They will develop skills such as interpreting and producing subject-area texts, various forms of student-led inquiry and classroom interactions. Students will also have the opportunity to acquire and use vocabulary drawn from various subject areas.

FINE ARTS COURSES

CONCERT BAND – MUSIC 10S, 20S, 30S, 40S

1 credit courses

Through this four year program, students will explore music through group performance on wind and percussion instruments. Students in band will study high quality wind band literature and be held to a high, yet attainable standard of performance. Students will learn performance skills, musical notation, music theory, music history, and the proper playing mechanics of their instrument. Emphasis will be placed on the ability to communicate fluently and expressively with the musical language.

Concerts, festivals, trips, and retreats are considered a part of each course, and it is an expectation that all band students participate in these.

*Financial assistance is available to any student who may be interested in taking courses with associated costs or fees. Please see Ms. Fenn for more information.

JAZZ BAND 10S/20S

1 credit courses

Audition will be held prior to the course to determine placement in an appropriate ensemble.

The Junior Jazz Band provides an enrichment opportunity for students wanting to learn about jazz and perform in a smaller group setting. Auditions for this group are held late in the spring of the previous school year. Rehearsals are held during the regular school day.

Students in the course will learn various idioms of the jazz language and various jazz styles (swing, ballad, rock, latin). They will also learn jazz forms, jazz chords, jazz scales, and improvisation. Similar to concert band, the ability to communicate fluently and expressively using the jazz language will be emphasized.

Concerts, festivals, trips, and retreats are considered a part of Junior Jazz Band, and it is an expectation that all students participate in these.

*Financial assistance is available to any student who may be interested in taking courses with associated costs or fees. Please see Ms. Fenn for more information.

JAZZ BAND 30S/40S

Audition will be held prior to the course to determine placement in an appropriate ensemble.

The Senior Jazz Band provides an enrichment opportunity for students wanting to learn about jazz and perform in a smaller group setting. It extends upon the concepts learned in Junior Jazz Band. Auditions for this group are held late in the spring of the previous school year. Rehearsals are held outside the regular school day. A rehearsal time will be determined after the group has been selected.

Students in the course will learn various idioms of the jazz language and various jazz styles (swing, ballad, rock, latin). They will also learn jazz forms, jazz chords, jazz scales, and improvisation. Similar to concert band, the ability to communicate fluently and expressively using the jazz language will be emphasized.

Concerts, festivals, trips, and retreats are considered a part of Senior Jazz Band, and it is an expectation that all students participate in these.

*Financial assistance is available to any student who may be interested in taking courses with associated costs or fees. Please see Ms. Fenn for more information.

CHOIR 10S

1 credit course

Prerequisite: None

Choir 10S is a year-long course. Students will receive one credit for this course. Classes are rehearsal-based, with the majority of class time spent studying repertoire. Choir 10S will provide students with:

Making Music

- an emphasis on good vocal technique (breath management, blend, balance)
- an emphasis on vocal and aural development through unison and part singing
- balanced experience to sacred and secular music within various genres, including various languages other than English
- the foundations of music theory
- the foundations to sight singing, including use of solfege

Creating Music

- opportunity to generate ideas and experiment with short rhythmic and notated compositions
- opportunity to revise, refine and share music ideas and creative work

Connecting in Music

- an introduction to important historical composers and musicians
- an opportunity to identify personal connections they have with music
- develop understandings about the roles, purposes and meanings of music in their world and in the world around them

Responding to Music

- various opportunities to respond to musical experiences (live and recorded) that reflects initial reactions
- use of suitable and accurate music-related vocabulary in their observations and descriptions on music experiences
- begin to analyze, interpret and apply their growing understanding of music within rehearsal and performance

*Financial assistance is available to any student who may be interested in taking courses with associated costs or fees. Please see Ms. Fenn for more information.

CHOIR 20S

1 credit course

Prerequisite: Choir 10G

Choir 20S is a year-long course. Students will receive one credit for this course. Classes are rehearsal-based, with the majority of class time spent studying repertoire. ***The course is an extension of Choir 10S .***

Students in Choir 20S will be expected to ***develop and grow*** in all areas of the curriculum, as established in Choir 10S:

Making Music

- Acquire singing skills including vocal production, breath management, tone quality, diction, dynamics, intonation and phrasing
- Develop skills in listening, vocal blend, vocal confidence, independence and discipline

Creating Music

- An expanding ability and opportunity to generate ideas, revise, refine and share creative works

Connecting in Music

- Opportunities to make personal connections to music and understanding the role of music in the world

Responding to Music

- Ability to provide evidence of their developing understanding of music through deepening and thoughtful responses. Evidence of growing and music-related vocabulary as it is used in responses.

Travel opportunities may become available through festival/competition performances.

*Financial assistance is available to any student who may be interested in taking courses with associated costs or fees. Please see Ms. Fenn for more information.

CHOIR 30S

1 credit course

Prerequisite: Choir 20G

Choir 30S is a year-long course. Students will receive one credit for this course. Classes are rehearsal-based, with the majority of class time spent studying repertoire. ***The course is an extension of Choir 20S*** with emphasis on expanding the students' repertoire to include a wider variety and more challenging repertoire. Music selections include, but are not limited to, other languages such as Latin, French and German, and 20th century music.

Students in Choir 30S will be expected to ***develop and grow*** in all areas of the curriculum, as established in Choir 20S:

Making Music

- Acquire singing skills including vocal production, breath management, tone quality, diction, dynamics, intonation and phrasing
- Develop skills in listening, vocal blend, vocal confidence, independence and discipline

Creating Music

- An expanding ability and opportunity to generate ideas, revise, refine and share creative works

Connecting in Music

- Opportunities to make personal connections to music and understanding the role of music in the world

Responding to Music

- Ability to provide evidence of their developing understanding of music through deepening and thoughtful responses. Evidence of growing and music-related vocabulary as it is used in responses.

*Financial assistance is available to any student who may be interested in taking courses with associated costs or fees. Please see Ms. Fenn for more information.

CHOIR 40S

1 credit course

Prerequisite: Choir 30S

Choir 40S is a year-long course. Students will receive one credit for this course. Classes are rehearsal-based, with the majority of class time spent studying repertoire. ***The course is an extension of Choir 30S*** with emphasis on expanding the students' repertoire to include a wider variety and more challenging repertoire. Music selections include, but are not limited to, other languages such as Latin, French and German, Italian and 20th century music.

Students in Choir 40S will be expected to ***develop, grow and model leadership*** in all areas of the curriculum, as established in Choir 30S:

Making Music

- Acquire singing skills including vocal production, breath management, tone quality, diction, dynamics, intonation and phrasing
- Develop skills in listening, vocal blend, vocal confidence, independence and discipline

Creating Music

- An expanding ability and opportunity to generate ideas, revise, refine and share creative works

Connecting in Music

- Opportunities to make personal connections to music and understanding the role of music in the world

Responding to Music

- Ability to provide evidence of their developing understanding of music through deepening and thoughtful responses. Evidence of growing and music-related vocabulary as it is used in responses.

Travel opportunities may become available through festival/competition performances.

*Financial assistance is available to any student who may be interested in taking courses with associated costs or fees. Please see Ms. Fenn for more information.

VOCAL JAZZ 10S & 20S

1 credit courses

There are auditioned and non-auditioned vocal jazz ensembles.

Vocal Jazz 10S and 20S is a year-long course. Students will receive one credit for this course. Classes are rehearsal-based, with the majority of class time spent studying repertoire. The ensemble (10S and 20S) demands time and commitment from the members. This course is taught outside of the school day – Typically two mornings a week beginning at 7:45 am.

Vocal Jazz 10S and 20S will provide students with:

Making Music

- an emphasis on good vocal technique including, breath management, blend, balance, intonation
- an emphasis on vocal and aural development through unison and part singing
- an emphasis on good microphone technique
- sight reading skills will be developed
- opportunity to study various genres of jazz (swing, blues, bebop, funk, etc) and contemporary styles (pop, ballads, etc.)

Creating Music

- opportunity to generate ideas and experiment with short rhythmic and notated compositions
- opportunity to revise, refine and share music ideas and creative work

Connecting in Music

- an introduction to important historical jazz composers and musicians
- an opportunity to identify personal connections they have with music
- develop understandings about the roles, purposes and meanings of music in their world and in the world around them

Responding to Music

- various opportunities to respond to musical experiences (live and recorded) that reflects initial reactions
- use of suitable and accurate music-related vocabulary in their observations and descriptions on music experiences
- begin to analyze, interpret and apply their growing understanding of music within rehearsal and performance

*Financial assistance is available to any student who may be interested in taking courses with associated costs or fees. Please see Ms. Fenn for more information.

VOCAL JAZZ 30S & 40S

1 credit courses

There are auditioned and non-auditioned vocal jazz ensembles.

Vocal Jazz 30S and 40S is a year-long course. Students will receive one credit for this course. Classes are rehearsal-based, with the majority of class time spent studying repertoire. The ensemble (30S and 40S) demands time and commitment from the members as we rehearse before school (7:45am – 8:45 am, Monday and Wednesday). Sight reading skills and vocal experience are an asset to the ensemble.

Vocal Jazz 30S and 40S are expected to ***develop, grow and model leadership*** in all areas of the curriculum as established in Vocal Jazz 10S/20S:

Making Music

- Acquire singing skills including vocal production, breath management, tone quality, diction, dynamics, intonation and phrasing
- Develop skills in listening, vocal blend, vocal confidence, independence and discipline

Creating Music

- An expanding ability and opportunity to generate ideas, revise, refine and share creative works

Connecting in Music

- Opportunities to make personal connections to music and understanding the role of music in the world

Responding to Music

- Ability to provide evidence of their developing understanding of music through deepening and thoughtful responses. Evidence of growing and music-related vocabulary as it is used in responses.
- Travel opportunities will become available through festival/competition performances.

DRAMATICS ARTS 10S

1 credit course

Suggested Prerequisite: Students should have a genuine interest in drama.

This class runs during the school day schedule.

This course provides an introduction to dramatic elements and techniques through an exploration of drama forms. As the core of the course grade is performance based, students must be prepared to fully participate in performing activities. Topics covered include improvisation, script work, playwriting, performance and technical elements of backstage theatre. All courses will be taught in our specialized theatre classroom.

DRAMATIC ARTS 20S

1 credit course

Suggested Prerequisite: Students should have a genuine interest in drama.

This course runs during the school day schedule.

The curriculum is organized around a set of drama elements. The drama elements are the essential components around which teachers build programs for specific groups of students. The drama elements are organized into four categories;

- 1.) Making
- 2.) Creating
- 3.) Connecting
- 4.) Responding

The introductory course (Drama 20S) aims to develop student awareness of the elements to enable fuller participation in and greater understanding of the drama experience. This class will

participate in public performances for other classes. All courses will be taught in our specialized theatre classroom.

DRAMATIC ARTS 30S

1 credit course

Suggested Prerequisite: Drama 20S. Students should have a genuine interest in drama.

This course runs during the school day schedule.

The curriculum is organized around a set of drama elements, which are developed at different levels of complexity over the three years. The drama elements are the essential components around which teachers build programs for specific groups/classes of students. (The drama categories are listed under Dramatic Arts 20S). This intermediate course continues to emphasize the elements and extends the experience to scripts and literature appropriate for dramatic interpretation. This class will participate in multiple public performances. All courses will be taught in our specialized theatre classroom and supported by our Backstage Theatre class.

DRAMATIC ARTS 40S

1 credit course

Suggested Prerequisite: Drama 30S. Students should have a genuine interest in drama.

This course runs during the school day schedule.

The curriculum is organized around a set of drama elements, which are developed at different levels of complexity over the four years. The drama elements are the essential components around which teachers build programs for specific groups of students. (The drama categories are listed under Dramatic Arts 20S). This advanced course continues to emphasize the elements and extends the experience to scripts and literature appropriate for dramatic interpretation. The class will participate in multiple public performances. All courses will be taught in our specialized theatre classroom and supported by our Backstage Theatre class.

THEATRE PRODUCTION (The Play) 10S/20S/30S/40S

1 credit course

Prerequisite: Audition with course instructor.

Note: This class will meet outside of the school day in both semesters, until the completion of the show in the Spring

This is a practical course involving the rehearsal and production of theatre and a show. The course will include rehearsal techniques, script analysis and practical experience in design, technical theatre and stage management. The course will culminate in a public performance. The course will be taught in our state of the art, flexible theatre space. This course will be supported by our technicians and design teams from our Backstage Theatre class.

TECHNICAL THEATRE 10S

1 credit Course
Prerequisite: None

This is not a performance course. This is an introductory course on backstage theatre production. Students will focus on the production aspects of theatre; Lighting, Sound, Stage Construction, Set Painting, House Management, Marketing, Stage Management, and Backstage Crew positions. Students study Ladder Safety, WHMIS, as well as are taught the Focus on Safety in the Arts booklet. Students will learn the various stages and equipment used in professional theatres today as well as the many careers in the theatrical arts and the structures of Canadian Professional theatre. Students will demonstrate an understanding of the history of technical theatre and will have opportunities to tour various performance venues and develop skills in conflict resolution, team and individual strategies for success, expectations on the job as well as a general understanding of workplace practices in any career of their choice.

TECHNICAL THEATRE 20S

1 credit Course
Prerequisite: None

This is not a performance course. Building upon the grade 9 course, grade 10 students will develop a deeper understanding and application of the production aspects of theatre; Lighting, Sound, Stage Construction, Set Painting, House Management, Marketing, Stage Management, and Backstage Crew positions. Students will continue to build on various employability skills, conflict resolution, team and individual strategies for success, expectations on the job as well as a general understanding of workplace practices in any career of their choice.

TECHNICAL THEATRE 30S

1 credit Course
Prerequisite: None

This is not a performance course. Building upon the grade 10 course, grade 11 students will take on a more leadership role in the production aspects of theatre; Lighting, Sound, Stage Construction, Set Painting, House Management, Marketing, Stage Management, and Backstage Crew positions. Developing deeper understanding of seeing the bigger picture and problem solving are skills that are woven into all aspects of this course.

TECHNICAL THEATRE 40S

1 credit Course
Prerequisite: None

This is not a performance course. Building upon the grade 11 course, grade 12 students will take on a more creative and design responsibilities in the production aspects of theatre; Lighting, Sound, Stage Construction, and Set Painting. Leading crews of younger students, the grade 12

students become teachers and mentors themselves demonstrating excellent comprehension of concepts and skills taught in the technical theatre field.

VISUAL ARTS 10S

1 credit course
Prerequisite: None

This is an introductory course working with the basic elements of art through drawing, projects and painting assignments. The course will concentrate on the theory behind the creation of artworks as well as actual studio work. At this level, paints and paper will be supplied for the students but they will be responsible for the following supplies - a sketchbook, one 2B, 4B pencil, one 6B pencil, and a white eraser. The Visual Art10G course provides the background for the Fine Art courses offered in Visual Art 20G, Visual Art 30S or Visual Art 40S.

ART FEE - \$15.00

*Financial assistance is available to any student who may be interested in taking courses with associated costs or fees. Please see Ms. Fenn for more information.

VISUAL ARTS 20S

1 credit course
Prerequisite: None

The Visual Art 10G course is not a prerequisite for this course but students must be willing to expend extra effort and time in the review of the material studied in Visual Art 10G to succeed in the Visual Art 20G course. This course is designed to help the student develop the techniques and theory introduced in the grade 9 course and to then apply them in creating their own art work. Supplies needed: pencils HB, 2B, 4B, 6B, eraser, sketch book.

ART FEE - \$15.00

*Financial assistance is available to any student who may be interested in taking courses with associated costs or fees. Please see Ms. Fenn for more information.

VISUAL ARTS 30S

1 credit course
Prerequisite: Students selecting this course should have a genuine interest in art and come with some knowledge of drawing techniques.

Visual Art 30S is designed to be a continuation of the student's study of their environment, with a more analytical look at the techniques past artists have used to portray the world around them. In Visual Art 30S students learn to apply their knowledge of the elements of art and principles of design to creating well-planned artwork that has more focus on personal expression.

Course work will be mainly studio based. A study of historic influences on art are also included. Student's progress will be assessed on the basis of studio assignments and art history studies.

ART FEE - \$15.00 plus supplies as mentioned in Visual Art 20G.

*Financial assistance is available to any student who may be interested in taking courses with associated costs or fees. Please see Ms. Fenn for more information.

VISUAL ARTS 40S

1 credit course

Prerequisite: Students selecting this course should have a genuine interest in art and be able to display a satisfactory level of technique.

Visual Art 40S is a continuation of the elements and medias studied in Visual Art 10G, Visual Art 20G & Visual Art 30S. The Visual Art 40S course places a stronger focus on the student's ability to develop projects using the media, elements of art and principles of design studied in the past 3 courses.

The focus of the course is creativity and personal expression. Students will explore the roles the artists plays in society and determine a focus for their own art.

Students in Visual Art 40S are responsible for the planning and execution of the art show and auction.

Students will be evaluated through studio work and written research projects.

ART FEE - \$15.00 plus supplies as mentioned in Visual Art 20G.

*Financial assistance is available to any student who may be interested in taking courses with associated costs or fees. Please see Ms. Fenn for more information.

FRENCH COURSES: ENGLISH PROGRAM

FRENCH COMMUNICATION & CULTURE 10F:

MCI aims to provide students with quality French instruction to enable them to communicate in the French language and to appreciate francophone cultures.

French is used as the language of instruction; language knowledge and skills are developed through themes and students' active participation in activities and projects based on the interests and life experiences of the students. Cultural activities are infused in order to enrich the students' learning experiences as they being to grow as global citizens. To learn a language is to learn its culture.

Over the four years of coursework, students will be expected to communicate orally and interact spontaneously. They will listen in order to understand the communicated message. Students will plan and write coherent texts to communicate the message. Students will read a variety of texts, for various purposes, and demonstrate understanding orally, in writing or visually. They will demonstrate a general knowledge of Francophone cultures and apply knowledge of Francophone cultures to interactions with others.

The focus of class time will be oral communication then reading and writing. Students are assessed according to message, fluency and accuracy.

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The focus of class time will be oral communication then reading and writing. Students are assessed according to message, fluency and accuracy.

FRENCH IMMERSION

The French Language courses are intended for students with previous experience in a French Immersion setting, or for students who would benefit from a more intensive French environment. The focus on the Français Language Arts curriculum is on the acquisition of skills and strategies for effective communication in a second language. French will not only be the subject matter taught but also the language of instruction. We will employ a multidimensional approach consisting of experience and communication, culture, language, and general language education to achieve our goal. Students who are interested in these courses, but are unsure of their suitability should check with the instructor during registration. Active participation in the French language is considered mandatory in order to help maintain the students' fluency.

ÉDUCATION PHYSIQUE ET ÉDUCATION à la santé (10F/20F/30F/40F)

1 credit course

Prerequisite: 10F: French Immersion Grade 8 or permission from the instructor.

20F: Éducation Physique et Éducation à la santé 10F

This course focuses on 5 main areas.

1.) Movement

Students will experience a variety of individual and team activities to gain knowledge of and competency in a variety of movement skills.

2.) Fitness Management

Students will participate in fitness testing two times and learn how to develop lifelong fitness goals and habits.

3.) Safety

Students will demonstrate safe and responsible behaviors to manage risk and prevent injuries.

4.) Personal and Social Management

Students will learn how to apply the decision-making process in a healthy manner and learn to build positive relationships with others.

5.) Healthy Lifestyle Practices

The topics of personal well-being, drugs and alcohol, relationships and family life will be covered.

Students will be required to have proper gym attire. They will be evaluated on written tests, health assignments and fitness tests. All assignments must be completed in order to receive credit.

Students should be prepared to pay a nominal fee for activities requiring community space. (ie bowling - \$2.00 per day, curling - \$2.00 per day and golf - range balls).

FRANCAIS LANGUE SECONDE 10F

1 credit course

Prerequisite: French Immersion Grade 8 or permission from the instructor.

This course introduces the use of French for artistic, personal, and technical purposes using a variety of texts. The course will examine the elements of the short story, poems, essays, novel study, persuasive speeches, media, current events and improvisation.

Evaluation of this course will include a variety of methods; short quizzes, projects, assignments, oral presentations and a final project.

FRANCAIS LANGUE SECONDE 20F

1 credit course

Prerequisite: Français Langue Seconde 10F

Students will work towards developing their personal French style as they examine the media (its techniques, target audiences, and bias), complete a formal research project, present debates, novel study and current events.

Evaluation of this course will include a variety of methods; short quizzes, projects, assignments, oral presentations and a final project.

LANGUE et COMMUNICATION 30S

1 credit course

Prerequisite: Français Langue Seconde 20F

Students will be further introduced to French culture through literature, television and film. Topics and themes that may be covered include culture, discrimination, poverty and immigration. This course will also look at biographies, newspaper articles and current events.

Evaluation of this course will include a variety of methods; short quizzes, projects, assignments, oral presentations and a final project.

LANGUE et COMMUNICATION 40S

1 credit course

Prerequisite: Langue et Communication 30S or permission from the instructor.

The curriculum for this course stresses development of information management skills. Students will be given opportunities to work with print and non-print media in order to assimilate information and then express informed opinions. Students will also be asked to assess the esthetic and entertainment value of non-print media and use them as springboards for various expressions of creativity and imagination.

Evaluation of this course will include a variety of methods; short quizzes, projects, assignments, oral presentations and a final project.

SCIENCE DE LA NATURE 10F

1 credit course

Prerequisite: French Immersion Grade 8 or permission from the instructor.

This course provides an introduction to the following clusters in science.

1) Atoms and Elements (Chemistry)

The Atoms and Elements cluster builds on the particle theory of matter. The historical development of the atomic model is examined and used to describe the conception of the periodic table. At the core of the unit is the investigation of the properties of elements and compounds.

2) Reproduction (Biology)

The Reproduction cluster explores the biological mechanisms of asexual and sexual reproduction. These reproductive methods are compared and contrasted in terms of their contributions to an organism's propagation and an ecosystem's diversity. As well, the major stages of human development from conception to birth are examined. Finally, the reproductive unit introduces genetics and inheritance.

3) The Nature of Electricity (Physics)

The Nature of Electricity cluster explores the development of the particle model of electricity. Through this model we will explore electrostatics and current electricity.

4) Exploring the Universe

The Exploring the Universe cluster is completed as an independent study. You will be given two packages to examine the historical development of our understanding of the Universe and the motion of visible celestial objects.

Science de la NATURE 20F

1 credit course

Prerequisite: Science 10F

Course work consists of four units

1) Dynamics of Ecosystems (Biology)

Students examine the complex relationships present in ecosystems in order to further investigate issues of sustainability.

2) Chemistry in Action (Chemistry)

Students will be provided with the opportunity to examine the interactions among elements as they form compounds through chemical reactions. Students become familiar with the formulas and naming of compounds and expressing chemical reactions in words and symbols.

3) In Motion (Physics)

The relationships among displacement, velocity, acceleration and time are analyzed in conceptual, numerical, graphical and symbolic modes. All issues are discussed in the context of an automobile and automobile safety.

4) Weather Dynamics (Earth Science)

Students will develop an understanding of the relationships that control weather and climate. Students will gather and analyze meteorological data related to a severe weather event and explore the social, economic and environmental impacts of the event.

LE CANADA DANS LE MONDE CONTEMPORAIN 10F

1 credit course

Prerequisite: French Immersion Grade 8 or permission from the instructor

This course is intended to help students gain a greater understanding of the society in which they live, their roles within that society, and the role of Canada within the world today. The themes that will be explored are the diversity of Canada, democracy and Canadian government, Canada's place in the world and the possibilities and challenges in Canada's future. There is also an ongoing emphasis on citizenship skills and an individual's responsibility in a global context.

Evaluation of this course will include a variety of methods; short quizzes, projects, assignments, oral presentations and a final exam.

LES ENJEUX GÉOGRAPHIQUES DU 21^e SIÈCLE 20F

1 credit course

Prerequisite: Le Canada dans le Monde Contemporain 10F

This course is intended to help students gain a greater understanding of the society in which they live, their roles within that society, and the role of Canada within the world today. The themes that will be explored are geography, natural resources, the nourishing earth, industry and commerce and urban spaces. There is also an ongoing emphasis on citizenship skills and an individual's responsibility in a global context.

Evaluation of this course will include a variety of methods; short quizzes, projects, assignments, oral presentations and a final exam.

HISTOIRE DU CANADA 30S

1 credit course

Prerequisite: Le Canada dans le Monde Contemporain 10F & Les enjeux Géographiques du 21e Siècle 20F or permission from the instructor

This course focuses on the historical development of Canada. Students will develop attitudes, skills, and knowledge allowing them to appreciate diverse ways of life and societies in Canada's past and present. They will explore the concepts of time, space, and societies in Canada in the context of a historical study of the following periods:

1. Native Cultures in Canada/Theories
2. The French Empire in America
3. The French Regime
4. The Conquest and the British Regime
5. Canada's Confederation
6. Modern times

Evaluation of this course will include a variety of methods; short quizzes, projects, assignments, oral presentations and a final exam.

ENJEUX MONDIAUX : CITOYENNETÉ ET DURABILITÉ 40S

1 credit course

Prerequisite: None

This course is the Grade 12 Global Issues course taught in French Language. The purpose of Enjeux mondiaux : citoyenneté et durabilité is to allow students the opportunity to explore the social, political, environmental and economic impact of a variety of contemporary and emerging issues in the world.

HUMAN ECOLOGY COURSES

There are costs for materials associated with some of the Human Ecology courses. Students may select from a number of projects and types of materials, so costs do vary.

TEXTILE ART & DESIGN 10S

1 credit course

Prerequisite: None

Students will study the principles and elements of design which assist them with selecting garments that suit their body type. Students will produce research about the history of clothing. One of the topics of study will include developing new sewing skills and techniques through completion of a sewing portfolio. Another topic will include clothing care, styles, brands, colours, textures, etc. Students will study introductory computer aided projects for clothing,

housing and design. Students will demonstrate basic sewing skills by creating a basic garment, such as a hoody. Students will also construct a garment of their choice as a major project that reflects their sewing skills.

The actual content may vary from year to year depending on the needs of students involved in the course.

Project Fee - \$10.00

*Financial assistance is available to any student who may be interested in taking courses with associated costs or fees. Please see Ms. Fenn for more information.

TEXTILE ART & DESIGN 20S

1 credit course

Teacher Recommended Prerequisite: Textile Art & Design 10S

The clothing, textiles and sewing section will cover topics such as psychology of clothing choices and consumer concerns in making clothing choices. Students will learn about the evolution of dress from the first animal skins to the latest fashions. Students will expand their study of computer aided projects for clothing, housing and design. Intermediate sewing skills such as facings, zippers and pockets are introduced and are practiced in sewing small samples for the sewing portfolio. Students will also construct a garment of their choice as a major project that will reflect some more advanced sewing techniques than those completed in earlier level courses.

The actual content may vary from year to year depending on the needs of students involved in the course.

Project Fee - \$10.00

*Financial assistance is available to any student who may be interested in taking courses with associated costs or fees. Please see Ms. Fenn for more information.

TEXTILE ART & DESIGN 30S

1 credit course

Teacher Recommended Prerequisite: Textile Art & Design 10S or 20S

This course may include the study of some decorative techniques, such as beading, stencilling, cross-stitching and decorative stitching, appliqué work, hand and machine embroidery, as well as advanced sewing skills for creating unique garments. Some time will be devoted to learning flat-pattern design. Sewing projects for this level may include graduation dresses, jackets, trousers and will reflect the sewing skills of the individual. Students will also focus on several elements of interior design, such as colours, patterns, textures, layout, forms, shapes, spacing, style, etc. Students will further expand their study of computer aided projects for clothing, housing and design.

The actual content may vary from year to year depending on the needs of students involved in the course.

Project Fee - \$10.00

*Financial assistance is available to any student who may be interested in taking courses with associated costs or fees. Please see Ms. Fenn for more information.

FOOD & NUTRITION 10G

1 credit course

Prerequisite: None

This course will focus on a study of nutrients, personal nutrition, meal planning and food preparation. We are continually bombarded with information about nutrition and health from the news media, books and diet “experts”, but are we getting the right information? The focus of the course is on the nutritional needs of the individual. An in-depth exploration of the major nutrients, their functions, sources and disease related issues. This program will teach skills that will enable students to make optimal use of the food dollar and practice meal planning throughout the FOOD LAB component of the course.

The actual content may vary from year to year depending on the needs of students involved in the course.

Project Fee - \$10.00

*Financial assistance is available to any student who may be interested in taking courses with associated costs or fees. Please see Ms. Fenn for more information.

FOOD & NUTRITION 20G

1 credit course

Prerequisite: None

Healthy lifestyle choices are the focus of this course. What do you feed a baby, a toddler, a senior, and an athlete? The FOOD LAB component will focus on food habits related to family lifestyles, income and activities of individual family members. Students will be encouraged to seek solutions/methods for making their favourite meals healthier. Students will gain an awareness and appreciation of a variety of food habits and cultures other than their own.

The actual content may vary from year to year depending on the needs of students involved in the course.

Project Fee - \$10.00

*Financial assistance is available to any student who may be interested in taking courses with associated costs or fees. Please see Ms. Fenn for more information.

FOOD & NUTRITION 30S

1 credit course

Prerequisite: None; Grade 12 students are encouraged to take this course for an additional credit

This course is a continuation of the Food and Nutrition 20G course. Should I take a vitamin supplement in the winter? Are all additives “bad” for you? This course focuses on consumer issues such as food additives, organic foods, processed foods, supplements, special diets, such as vegetarian/vegan, weight reducing or gaining diets, etc., and food labeling. The FOOD LAB component will focus on meeting specific nutritional needs and the theory and application of cooking techniques. If time permits, this course will include a few extra topics, such as foods of the world, food choices and nutritional needs through the life cycle, and health and environmental factors which influence food supply.

The actual content may vary from year to year depending on the needs of students involved in the course.

Project Fee - \$10.00

*Financial assistance is available to any student who may be interested in taking courses with associated costs or fees. Please see Ms. Fenn for more information.

FAMILY STUDIES 30S

1 credit course

No prerequisite

This grade 11 course is for students interested in the child care/child development fields. It focuses on the developmental stages of childhood from birth to age 12 as well as changes, challenges, and care throughout pregnancy. Students are expected to do a variety of projects and presentations and, most importantly, spend 40% of the semester working in community daycares or early years classrooms. While out on the practicum placements students will act as an extra set of hands while helping their supervisors, interacting with and helping care for young children.

The program offers an Infant Care Unit and students will have an opportunity to experience Realcare Baby for one weekend during the semester.

Almost half of the final mark is based on the effort and responsibility shown during the work experience and baby care portion of the course. Because of this a positive, energetic, and open minded attitude is essential to enjoying the course and growing through it.

FAMILY STUDIES 40S

1 credit course
No prerequisite

Please note: Family Studies 40S is one of the academic subjects approved to meet general entrance requirements at Manitoba universities.

This course is for grade 12 students interested in entering the fields of teaching, social work, health/home care, geriatrics, or other helping professions.

The focus of the course is on developing communication and observation skills and understanding human behaviour as it relates to the family structure. Students are expected to complete various assignments and research activities, as well as participate in individual presentations and group discussions. Students will study topics on human growth and development from adolescence to old age, relationships, family life cycle, history of the family, character development, conflict resolution and additional topics that are current and relevant to families.

PSYCHOLOGY 40S

1 credit course
Prerequisite: none

Psychology 40S course will expose students to the five major themes/topics found in the field of psychology that represent broad content area. They are:

- 1.) Introduction and Research Methods
- 2.) Biopsychology
- 3.) Developmental Psychology
- 4.) Cognitive Psychology
- 5.) Variations in Individual and Group Behaviour

In this course, the scientific method will be used to discover ways of understanding the complexities of human thought and behaviour, as well as differences among people.

Studying psychology in high school will teach students several lifelong skills, such as dealing with issues proactively, solving problems, learning, and nurturing healthy relationships. Students will learn to understand themselves and to deal with issues in their own lives. Among personal matters and concerns are inner conflicts, relationships with parents and peers, and intimacy. Students will also understand some of the societal problems, such as drug dependency, aggression, and discrimination. Upon completion of Psychology 40S course, students will be able to apply what they learned to their daily lives.

AP PSYCHOLOGY 40S

1 credit course

Prerequisite: none

Advanced Placement is an enriched program of studies which not only prepares students for the rigors of university, but also gives students the opportunity to earn university credits while still in high school. Students learn to study smarter and to become efficient time managers. To be considered for AP, students must have demonstrated strong academic commitment and attendance.

The AP Psychology course introduces students to the systematic and scientific study of human behavior and mental processes. While considering the psychologists and studies that have shaped the field, students explore and apply psychological theories, key concepts, and phenomena associated with such topics as the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, treatments of psychological disorders, and social psychology. Throughout the course, students employ psychological research methods, including ethical considerations, as they use the scientific method, evaluate claims and evidence, and effectively communicate ideas.

The AP Psychology course is designed to be the equivalent of the *Introduction to Psychology* course usually taken during the first college year. There are no prerequisites for AP Psychology. Students should be able to read a college-level textbook and write grammatically correct, complete sentences.

MATHEMATICS COURSES

Note: The Applied Math courses utilize a graphing calculator which students are responsible to purchase. (TI83, TI83 Plus, TI84 or TI84 Plus).

TRANSITIONAL MATH 10F

1 credit course

Prerequisite: None

This course is offered to give students the opportunity to improve their math skills before taking Math 10F. Students will develop the appropriate skills and work habits to work successfully in later math courses. Emphasis is placed on mental math, finding and using patterns, developing independence, and working as a part of a team. Students must have a calculator.

- Understand and apply mathematical concepts and procedures.
- Use reasoning and problem solving strategies to arrive at valid conclusions.
- Communicate mathematical ideas effectively.
- Gain skills and habits for success in high school math.

MATHEMATICS 10F

1 credit course

Prerequisite: None

Mathematics 10F is a foundation course designed to prepare students for more than one possible math pathway in Grades 10 to 12. All Grade 9 students take this course. The activities in this course are based on a problem-solving approach to learning.

The topics dealt with in this course include a discussion of rational numbers, statistics, exponents, linear relations, circle geometry, polynomials and symmetry. This course prepares students for both Introduction to Pre-Calculus and Applied Math 20S and for Essential Math 20S in Grade 10.

Students will need a **scientific calculator** for this course.

INTRODUCTION TO APPLIED & PRE-CALCULUS MATHEMATICS 20S

1 credit course

Prerequisite: Math 10F

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 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.

Components of the curriculum are both context driven and algebraic in nature. Students will engage in activities that include the use of technology, problem solving, mental mathematics, and theoretical mathematics to promote the development of mathematical skills. These experiences will provide opportunities for students to make connections between symbolic mathematical ideas and the world around us.

The learning outcomes are divided into three topics of *Measurement, Algebra and Number*, and *Relations and Functions*.

*Financial assistance is available to any student who may be interested in taking courses with associated costs or fees. Please see Ms. Fenn for more information.

APPLIED MATHEMATICS 30S

1 credit course

Prerequisite: Introduction to Applied & Pre-Calculus and Mathematics 20S

The Applied Mathematics curriculum has been developed in response to society's changing mathematical requirements. New skill and knowledge requirements are emerging as a result of the increased use of technology in everyday life, in the workplace and in post-secondary

institutions. In addition, business and industry increasingly require responsible, independent learners who are:

- able to communicate mathematical ideas
- capable of team-work
- skilled in problem-solving techniques
- flexible
- computer literate
- self-reliant

In Applied Mathematics 30S, students will master essential skills that are gaining importance in society, technology-based industries and post-secondary institutions.

The course covers the following topic areas:

- proofs
- non-linear functions
- scale
- statistics
- graphing and systems of inequalities
- trigonometry
- linear programming

Students who take Applied Mathematics 30S will gain desirable and required mathematical skills and knowledge from which they will benefit both today and in the future.

Students enrolled in Applied Math are required to purchase a TI-83 Plus or TI-84 or TI-84 Plus Graphing Calculator. Estimated cost for the calculator is around \$150.00.

*Financial assistance is available to any student who may be interested in taking courses with associated costs or fees. Please see Ms. Fenn for more information.

APPLIED MATHEMATICS 40S

1 credit course

Prerequisite: Applied Math 30S

The Applied Mathematics 40S course is designed for students who require, or are interested in, a challenging math course, but don't need to take Calculus at a post-secondary level.

The course consists of five major units. The unit titles along with the general outcomes for each unit are listed below.

- Financial Math (General Outcome: Develop number sense in financial applications)
- Logical Reasoning (General Outcome: Develop logical reasoning)
- Relations and Functions (General Outcome: Develop algebraic and graphical reasoning through the study of relations)

- Design and Measurement (General Outcome: Develop critical thinking skills related to measurement design)
- Probability (General Outcome: Develop critical thinking skill related to uncertainty)

There is a provincial achievement test (exam) at the end of this course that all students must write.

Students should have completed the Applied Mathematics 30S course prior to taking the Applied Mathematics 40S course.

Students enrolled in Applied Math are required to purchase a TI-83 Plus or TI-84 or TI-84 Plus Graphing Calculator. Estimated cost around \$150.00.

PRE-CALCULUS MATHEMATICS 30S

1 credit course

Prerequisite: Introduction to Applied & Pre-Calculus Mathematics 20S **with a recommended grade of 70%.**

The topics covered in this course include:

- quadratic functions
- trigonometry
- algebra
- quadratic equations
- sequences
- absolute values and radicals
- rational expressions and equations
- inequalities
- reciprocal functions

This course is a continuation of the Math 10F and Pre-Calculus 20S programs and is designed for students who intend to study Calculus and related Mathematics as part of their post-secondary education. This course comprises, primarily, a high level study of theoretical mathematics with an emphasis on problem solving, mental mathematics, as well as cumulative exercises and testing. Students are required to learn mathematical concepts through practice and regular homework. Many of the exercises and problems are expected to be original or different from those presented in class.

Regular class work is an important component of evaluation. Classroom and homework assignments are an important part of this course.

Students enrolled in Pre-Calculus Math are required to purchase a TI-83 or TI-84.

*Financial assistance is available to any student who may be interested in taking courses with associated costs or fees. Please see Ms. Fenn for more information.

PRE-CALCULUS MATHEMATICS 40S

1 credit course

Prerequisite: Pre-Calculus Math 30S **with a recommended grade of 70%.**

Grade 12 Pre-calculus Mathematics (40S) 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.

Units of Study:

Polynomial Functions

Radical and Rational Functions

Transformation of Functions

Combination of Functions

Exponential and Logarithmic Functions

Trigonometric Functions

Trigonometric Equations and Identities

Permutations, Combinations and Binomial Theorem

Assessment of Grade 12 Pre-calculus Mathematics may include assignments, reflective journals, quizzes and tests. A provincial achievement exam will be written at the end of the course.

Students enrolled in pre-calculus math are required to purchase a T1-83 or T1-84 calculator.

*Financial assistance is available to any student who may be interested in taking courses with associated costs or fees. Please see Ms. Fenn for more information.

ADVANCED PLACEMENT CALCULUS 42S

1 credit course

Prerequisite: Pre-Calculus 40S in grade 11 year and achieved a **grade of 75% or through permission of the office.**

Advanced Placement is an enriched program of studies which not only prepares students for the rigors of university, but also gives students the opportunity to earn university credits while still in high school. Students learn to study smarter and to become efficient time managers. To be considered for AP, students must have demonstrated strong academic commitment and attendance.

This is an intensely challenging, higher-level math course where the student should be motivated to do university level work in high school.

The topics covered include:

- I. Functions, graphs and limits

- limits of functions
- asymptotic & unbounded behaviour
- continuity as a property of functions

II. Derivatives

- derivatives at a point
- derivatives as a function
- second derivatives
- application of derivatives
- computations of derivatives

III. Integrals

- Riemann sums
- interpretations and properties of definite integrals
- application of integrals
- Fundamental Theorem of Calculus
- techniques of antidifferentiation
- applications of antidifferentiation
- numerical approximations to definite integrals

The AP Calculus Global Exam is written in early May. Course evaluation is based on tests, assignments and a final exam.

Students enrolled in AP Calculus are required to purchase a T1-83 or T1-84 calculator.

*Financial assistance is available to any student who may be interested in taking courses with associated costs or fees. Please see Ms. Fenn for more information.

ESSENTIALS IN MATHEMATICS 20S

1 credit course

Prerequisite: Mathematics 10F

Grade 10 Essential Mathematics (20S) is intended for students whose post-secondary planning does not include a focus on mathematics and science-related fields. Grade 10 Essential Mathematics (20S) emphasizes consumer applications, problem solving, decision making, and spatial sense. Students are expected to work both individually and in small groups on mathematical concepts and skills encountered in everyday life in a technological society.

Topics to be covered include:

- Analysis of Games and Numbers
- Personal Finance
- Measurement
- 2-D Geometry
- Trigonometry
- Consumer Decisions
- Transformations

- Angle Construction

Student must have a scientific calculator and pad of graph paper.

ESSENTIALS IN MATHEMATICS 30S

1 credit course

Prerequisite: Introduction to Applied & Pre-Calculus Mathematics 20S or Essentials in Mathematics 20S

Essentials in Mathematics 30S is intended for students whose post-secondary planning does not include a focus on mathematics and science-related fields. Essentials in Mathematics 30S emphasizes consumer application, problem solving, decision making, number sense and number use. Students are expected to work both individually and in small groups on mathematical concepts and skills encountered in a technological society.

Topics to be covered include:

- problem analysis
- trigonometry
- interest and credit
- statistics
- 3D Geometry
- managing money
- relations and patterns
- design modelling

ESSENTIALS IN MATHEMATICS 40S

1 credit course

Prerequisite: Applied Math 30S or Pre-Calculus Math 30s or Essentials in Mathematics 30S

Essentials in Mathematics 40S is intended for students whose post-secondary planning does not include a focus on mathematics and science-related fields. Essentials in Mathematics 40S is a one credit course that emphasizes consumer applications, problem-solving and decision-making as well as number sense and number use. Students are expected to work both individually and in small groups on mathematical concepts and skills encountered in a technological society.

At the present time a Provincial Assessment (Standards Test) is administered at the completion of this course. The topics covered in this course include and are worth 20% of the final grade.

- Analysis of Games and Numbers
- Vehicle Finance
- Home Finance
- Statistics
- Geometry and trigonometry
- Precision Measurement

- Business Finance
- Career life
- Probability

PHYSICAL EDUCATION/HEALTH COURSES

PHYSICAL EDUCATION/HEALTH 10F

1 credit course

Prerequisite: none

This course focuses on 5 main areas.

1. Movement

Students will experience a variety of individual and team activities to gain knowledge of and competency in a variety of movement skills.

2. Fitness Management

Students will participate in fitness testing two times and learn how to develop lifelong fitness goals and habits.

3. Safety

Students will demonstrate safe and responsible behaviors to manage risk and prevent injuries.

4. Personal and Social Management

Students will learn how to apply the decision-making process in a healthy manner and learn to build positive relationships with others.

5. Healthy Lifestyle Practices

The topics of personal well-being, drugs and alcohol, relationships and family life will be covered.

Students will be required to have proper gym attire. They will be evaluated on movement, fitness management, safety, personal and social management, and healthy life style practices.

Students should be prepared to pay a nominal fee for activities requiring community space. (ie bowling - \$2.00 per day, curling - \$2.00 per day and golf - range balls).

PHYSICAL EDUCATION/HEALTH 20F

1 credit course

Prerequisite: Physical Education 10F

This course expands upon the 5 areas covered in the grade 9 course. In addition to the individual and team activities, students will be experiencing lifelong physical activities and alternative

pursuits. Students will be required to develop a fitness plan and participate in fitness testing twice per semester. The health topics will include stress management, drugs and alcohol, nutrition, FA/CPR, relationships and family life.

Students will be required to have proper gym attire. They will be evaluated on movement, fitness management, safety, personal and social management, and healthy life style practices.

Students should be prepared to pay a nominal fee for activities requiring community space. (ie bowling - \$2.00 per day, curling - \$2.00 per day and golf - range balls).

PHYSICAL EDUCATION/HEALTH 30F – REGULAR DELIVERY

1 credit course

Prerequisite: Physical Education 20F

This compulsory full-credit course is designed to help youth take greater ownership of their own physical fitness, to encourage them to seek out activities that interest them, and to engage in active lifestyles into their futures. Students will study topics related to fitness management, mental health, substance use and abuse prevention, and the social impact of sport. The focus of this content will be on health and personal planning.

Students will be graded for completion of the course with a Complete or Incomplete designation.

Students should be prepared to pay a nominal fee for activities requiring community space. (ie bowling - \$2.00 per day, curling - \$2.00 per day and golf - range balls).

PHYSICAL EDUCATION/HEALTH 30F: WOMENS' FITNESS AND WELLNESS

1 credit course

Prerequisite: Physical Education 20F

This compulsory full-credit course is designed to support a focus for young women to develop a greater ownership of physical fitness, to encourage seeking out activities of interest to them, and to motivate engagement in active lifestyles into their futures.

Students will study topics related to fitness management, personal and social development, mental-emotional development, social impact of sport, and substance use and abuse preventions. The focus of this content will be on health and personal planning for wellness and fitness, emphasizing topics and issues that are relevant to the lives of young women.

Students will be graded for completion of the course with a Complete or Incomplete designation.

Students should be prepared to pay a nominal fee for activities requiring community space. (ie bowling - \$2.00 per day, curling - \$2.00 per day and golf - range balls).

PHYSICAL EDUCATION/HEALTH 40F – REGULAR DELIVERY

1 credit course

Prerequisite: Physical Education 30F

This compulsory full-credit course is designed to help youth take greater ownership of their own physical fitness, to encourage them to seek out activities that interest them, and to engage in active lifestyles into their futures. Students will study topics related to fitness management, nutrition, personal and social development, and healthy relationships. The focus of this content will be on health and personal planning.

Students will be graded for completion of the course with a Complete or Incomplete designation.

Students should be prepared to pay a nominal fee for activities requiring community space. (ie bowling - \$2.00 per day, curling - \$2.00 per day and golf - range balls).

PHYSICAL EDUCATION/HEALTH 40F: WOMENS FITNESS AND WELLNESS

1 credit course

Prerequisite: Physical Education 30F

This compulsory full-credit course is designed to support a focus for young women to develop a greater ownership of physical fitness, to encourage seeking out activities of interest to them, and to motivate engagement in active lifestyles into their futures.

Students will study topics related to fitness management, nutrition, personal and social development, and healthy relationships. The focus of this content will be on health and personal planning for wellness and fitness, emphasizing topics and issues that are relevant to the lives of young women.

Students will be graded for completion of the course with a Complete or Incomplete designation.

Students should be prepared to pay a nominal fee for activities requiring community space. (ie bowling - \$2.00 per day, curling - \$2.00 per day and golf - range balls).

PHYSICAL EDUCATION/HEALTH 40F – OUTDOOR EDUCATION FOCUS

1 credit course

Prerequisite: Physical Education 30F

The Outdoor Education course will introduce students to useful survival and other practical skills for the outdoors. It will also provide ample opportunities to explore alternative pursuits to physical activity to promote lifelong, healthy active lifestyles. Students will develop an understanding of stewardship in relation to the environment and being global citizens.

Furthermore, students will demonstrate qualities of teamwork and independence as they develop their skills to become better equipped in their knowledge and practice of safety and participating in activities in the outdoors. The skills learned in the course are plentiful and course content and experiments require community involvement and/or use of facilities, equipment, etc. Some of the activities and supports for this program may have associated costs.

This course will focus on physical fitness and outdoor skills, personal growth through team building and leadership roles and environmental awareness and wilderness appreciation.

Students will be provided with a course calendar at the beginning of the semester to help facilitate student scheduling.

HOCKEY SKILLS ACADEMY 11G

1 credit course

Prerequisite: none

Hockey skills academy is for everyone regardless of experience or ability. Instructors can help with finding the necessary equipment. The philosophy of the Morden Collegiate Hockey Skills Academy is to provide students with the opportunity to improve their hockey skills, fitness, and knowledge of the game while promoting a healthy active lifestyle. Students will have the opportunity to educate themselves with many aspects of hockey such as fitness training, on-ice skill development, nutrition, sport psychology, as well as respect and fair play in sports. In addition, students will be given the opportunity to enhance their own personal skills while also being given a well-rounded view of the sport of hockey. Through these aspects of the program, we aim to provide these student athletes with the means by which they can achieve their full potential as athletes, coaches, managers, or officials.

In addition, it is the aim of Morden Collegiate to provide every student with the opportunity to experience success. The addition of the Hockey Skills Academy to our programming will enable us to continue to address the diverse needs of our students by providing an authentic and engaging learning option.

Finally, the Hockey Skills Academy provides students with a program that facilitates the development of soft skills such as peer relations, teamwork skills, leadership skills, and problem solving skills. Through the academy students will strive to improve themselves both in and out of the arena. **Fee to be determined (approximately \$250.00).**

Equipment pick up is the responsibility of the students/parents. Storage options are available if they have been previously arranged with the teacher.

*Financial assistance is available to any student who may be interested in taking courses with associated costs or fees. Please see Ms. Fenn for more information.

HOCKEY SKILLS ACADEMY 21G

1 credit course

Prerequisite: Hockey Skills Academy 11G

Hockey skills academy is for everyone regardless of experience or ability. Instructors can help with finding the necessary equipment. The philosophy of the Morden Collegiate Hockey Skills Academy is to provide students with the opportunity to improve their hockey skills, fitness, and knowledge of the game while promoting a healthy active lifestyle. Students will have the opportunity to educate themselves with many aspects of hockey such as fitness training, on-ice skill development, coaching/mentorship, position specific and specialty team play. In addition, students will be given the opportunity to enhance their own personal skills while developing leadership, coaching, and safety qualifications for future involvement in the sport.

In addition, it is the aim of Morden Collegiate to provide every student with the opportunity to experience success. The addition of a second level of the Hockey Skills Academy to our programming will enable us to continue to address the diverse needs of our students and community by providing an authentic and engaging learning option.

Finally, the Hockey Skills Academy would provide students with a program that would facilitate the development of social skills such as peer relations, teamwork skills, leadership skills, and problem solving skills. Through the academy students will strive to improve themselves both in and out of the arena. (Coaching certification optional based on level of interest). **Fee to be determined (approximately \$250.00).**

Equipment pick up is the responsibility of the students/parents. Storage options are available if they have been previously arranged with the teacher.

*Financial assistance is available to any student who may be interested in taking courses with associated costs or fees. Please see Ms. Fenn for more information.

SCIENCE COURSES

SCIENCE 10F

1 credit course

Prerequisite: None

This course provides an introduction to the following clusters in science.

- 5) Atoms and Elements (Chemistry)

The Atoms and Elements cluster builds on the particle theory of matter. The historical development of the atomic model is examined and used to describe the conception of the periodic table. At the core of the unit is the investigation of the properties of elements and compounds.

6) Reproduction (Biology)

The Reproduction cluster explores the biological mechanisms of asexual and sexual reproduction. These reproductive methods are compared and contrasted in terms of their contributions to an organism's propagation and an ecosystem's diversity. As well, the major stages of human development from conception to birth are examined. Finally, the reproductive unit introduces genetics and inheritance.

7) The Nature of Electricity (Physics)

The Nature of Electricity cluster explores the development of the particle model of electricity. Through this model we will explore electrostatics and current electricity.

8) Exploring the Universe

The Exploring the Universe cluster is completed as an independent study. You will be given two packages to examine the historical development of our understanding of the Universe and the motion of visible celestial objects.

SCIENCE 20F

1 credit course

Prerequisite: Science 10F

Course work consists of four units

1) Dynamics of Ecosystems (Biology)

Students examine the complex relationships present in ecosystems in order to further investigate issues of sustainability.

2) Chemistry in Action (Chemistry)

Students will be provided with the opportunity to examine the interactions among elements as they form compounds through chemical reactions. Students become familiar with the formulas and naming of compounds and expressing chemical reactions in words and symbols.

3) In Motion (Physics)

The relationships among displacement, velocity, acceleration and time are analyzed in conceptual, numerical, graphical and symbolic modes. All issues are discussed in the context of an automobile and automobile safety.

4) Weather Dynamics (Earth Science)

Students will develop an understanding of the relationships that control weather and climate. Students will gather and analyze meteorological data related to a severe weather event and explore the social, economic and environmental impacts of the event.

CURRENT TOPICS IN THE SCIENCES 30S

1 credit course

Prerequisite: Science 20F

Current Topics in Science 30S is a grade 11 course that allows the students to explore topics in science that are of personal interest. The topics covered in the course are to be decided upon and developed at the local level. The topics will fit within the general themes of Biology, Chemistry, Physics and Earth Science while meeting the learning outcomes and workload expected of a grade 11 science course.

Evaluation is based on assignments, group/project work, tests and a progress portfolio.

BIOLOGY 30S

1 credit course

Prerequisite: Science 20F

The Biology 30S Curriculum focuses on two main themes; “Wellness and Homeostasis”.

The students learn the multidimensional aspect of wellness and how the different systems of the body function to maintain homeostasis.

The course is divided into the following six units:

Unit 1: Wellness and Homeostasis

Unit 2: Digestion and Nutrition

Unit 3: Transportation and Respiration

Unit 4: Excretion and Waste Management

Unit 5: Protection and Control

Unit 6: Wellness and Homeostatic Changes

The evaluation consists of lab work, project work, daily assignments, tests and a final exam.

BIOLOGY 40S

1 credit course

Prerequisite: Biology 30S

The Biology curriculum is designed to engage students in science learning by promoting the following:

Science inquiry: Students are encouraged to converse ask penetrating questions, and seek to explore their own constructed explanations alongside scientific explanations through guided research, writing, and planned investigations.

Problem Solving: Students apply their acquired expertise and knowledge in novel, often unforeseeable, ways.

Decision Making: As students identify rich, large context problems, questions, or issues related to the life science, they pursue new knowledge that will assist them in making informed, rational, defensible decisions.

The course is divided into the following five units:

Part I – Genetics

Unit 1: Understanding Biological Inheritance

Unit 2: Mechanisms of Inheritance

These units focus on an in-depth understanding of heredity and the molecular aspects of genetics.

Part II – Biodiversity

Unit 3: Evolutionary Theory and Biodiversity

Unit 4: Organizing Biodiversity

Unit 5: Conservation of Biodiversity

The evaluation consists of lab work, project work, assignments, tests and a final exam.

CHEMISTRY 30S

1 credit course

Prerequisite: Science 20F

Recommended Prerequisite: Continuation in Pre-Calculus 30S or Applied Math 30S is necessary to continue in Chemistry 40S.

Chemistry 30S continues to develop the concepts and themes introduced in the chemistry clusters of grades 9 and 10 General Science. This course is designed as prerequisite for Chemistry 40S and further postsecondary study in the sciences. It is a rigorous course covering the following topics.

- 1) Physical Properties of Matter
- 2) Gases and the Atmosphere
- 3) Chemical Reactions
- 4) Solutions
- 5) Organic Chemistry

CHEMISTRY 40S

1 credit course

Prerequisite: Chemistry 30S

Recommended Prerequisite: Pre-Calculus 30S or Applied Math 30S.

Chemistry 40S continues to develop the concepts and themes introduced in Chemistry 30S. This course is designed for further post-secondary study in the sciences. It is a rigorous course covering the following topics.

- 1) Kinetics
- 2) Chemical Equilibrium
- 3) Acid base Equilibrium
- 4) Solubility Equilibrium
- 5) Electrochemistry
- 6) Atomic Structure

PHYSICS 30S

1 credit course

Prerequisite: Science 20F

Recommended Prerequisite: Intro to Applied & Pre-Calculus Math 20S are recommended prerequisites for this course. Continuation in Pre-Calculus 30S or Applied Math 30S is recommended if continuing in Physics 40S.

Physics 30S is intended to provide students with the opportunity to explore physical concepts using four modes of representation. The modes deal with being able to describe an event using words, numbers, a graph, and an algebraic equation. There is a great deal of math required for this course, but all problems are solved using linear concepts.

The units to be covered in this course are:

- 1) Mechanics
 - Kinematics, Dynamics
- 2) Fields
 - Gravitational Fields, Electric Fields, Magnetic Fields, Electromagnetisms
- 3) Waves
 - Waves in One Dimension, Waves in Two Dimensions, Sound
- 4) The Nature of Light
 - Models, laws & theories, The wave & particle model of light.

PHYSICS 40S

1 credit course

Prerequisite: Physics 30S

Recommended Prerequisite: Pre-Calculus 30S or Applied 30S.

Physics 40S is a continuation of the Physics 30S course. The specific topics go into more detail than the 30S course. The math required is more involved and includes problems that are linear and non-linear (quadratic) in nature.

The units to be covered in this course are:

- 1) Mechanics
 - Kinematics, Dynamics, Momentum, Projectiles, Circular Motion, Work and Energy
- 2) Fields
 - Exploring Space, Low Earth Orbit, Electric & Magnetic fields
- 3) Electricity
 - Electric Circuits, Electromagnetic Induction
- 4) Medical Physics

SOCIAL STUDIES COURSES

CANADA IN THE CONTEMPORARY WORLD 10F

1 credit course
Prerequisite: None

The purpose of Social Studies 10F is to give students a better understanding of the society in which they live and to explore Canada's contemporary opportunities and challenges.

GEOGRAPHIC ISSUES OF THE 21ST CENTURY 20F

1 credit course
Prerequisite: None

Students will focus on a variety of issues and challenges in the context of contemporary Canada, North America and the World. Through studying the concepts of ownership and development of natural resources, production and distribution of food, development of industry and trade, and increasing urbanization, students will become aware of the importance of the environment, stewardship, sustainable development and the implications of their personal choices.

AMERICAN HISTORY 20G

1 credit course
Prerequisite: None

This course is optional and does not meet the provincial requirement for a grade 10 Social Studies course.

This American History course will create a greater understanding of significant historical events that shaped the United States. It is intended to have a focus and emphasis on those historical developments that have influenced the world, especially Canada. A further intent is to identify the personalities who, in a significant way, shaped American history and to examine their contributions.

Unit 1: Early America

Focus: Early developments that shaped American society – in particular; exploration, Colonization, and westward expansion.

Unit 2: Revolutionary America

Focus: The Revolution, the Constitution, and the creation of a government.

Unit 3: Nationalism and Sectionalism

Focus: The effect of territorial expansion, the Civil War, and Reconstruction on the people living in North America, as well as in other nations.

Unit 4: Emerging Power

Focus: How economic, social, and political developments affected American society from 1865-1919. How American foreign policy and domestic changes affected American society and other parts of the world.

Unit 5: World Power

Focus: Issues and events that shaped American society after the World Wars.

HISTORY OF CANADA 30F

1 credit course

Prerequisite: None

History of Canada 30F allows students to focus on the history of Canada from pre-contact times to present. Throughout this process students become historically literate and better able to understand the Canada of today.

GLOBAL ISSUES 40S

1 credit course

Prerequisite: None

The purpose of Global Issues is to allow students the opportunity to explore the social, political, environmental and economic impact of a variety of contemporary and emerging issues in the world.

CURRENT TOPICS in FIRST NATION, METIS, AND INUIT STUDIES 40S

1 credit course

Prerequisite: None

Grade 12 Current Topics in 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.

WOODWORKING TECHNOLOGY COURSES

There will be a material cost fee associated with all Industrial Arts courses.

*Financial assistance is available to any student who may be interested in taking courses with associated costs or fees. Please see Ms. Fenn for more information.

WOODWORKING TECHNOLOGY 10G

1 credit course

Students should have an interest in developing their skills in the areas of drafting, design, and basic furniture construction. The course will explore these areas through in-class lectures and assignments, as well as through individual project work.

Supplies you will require are:

- White Art Eraser
- Compass
- Lined Paper (at least 50 sheets)
- Calculator
- Safety Glasses
- Tape Measure
- \$20.00 supply fee for two projects

There are costs for materials associated with this course. Students may select from a number of projects and types of materials, so costs do vary.

*Financial assistance is available to any student who may be interested in taking courses with associated costs or fees. Please see Ms. Fenn for more information.

WOODWORKING TECHNOLOGY 20G

1 credit course

Prerequisite: Woodworking Technology 10G

In Woodworking Technology, students will develop skills in the areas of drafting, design, and basic furniture construction. The course will explore these areas through in-class lectures and assignments, as well as through individual project work.

Supplies you will require are:

- White Art Eraser
- Compass
- Lined Paper (at least 50 sheets)
- Calculator
- Safety Glasses
- Tape Measure
- \$25.00 supply fee for first project

There are costs for materials associated with this course. Students may select from a number of projects and types of materials, so costs do vary.

*Financial assistance is available to any student who may be interested in taking courses with associated costs or fees. Please see Ms. Fenn for more information.

WOODWORKING TECHNOLOGY 30G

1 credit course

Prerequisite: Woodworking Technology 20G

In Woodworking Technology, students will develop skills in furniture construction. The course will explore these areas through in-class lectures and assignments, as well as through individual project work.

Supplies you will require are:

- White Art Eraser
- Compass
- Lined Paper (at least 50 sheets)
- Calculator
- Safety Glasses
- Tape Measure

There are costs for materials associated with this course. Students may select from a number of projects and types of materials, so costs do vary.

*Financial assistance is available to any student who may be interested in taking courses with associated costs or fees. Please see Ms. Fenn for more information.

WOODWORKING TECHNOLOGY 40G

1 credit course

Prerequisite: Woodworking Technology 30G

In Woodworking Technology, students will develop skills in furniture construction. The course will explore these areas through in-class lectures and assignments, as well as through individual project work.

Supplies you will require are:

- White Art Eraser
- Compass
- Lined Paper (at least 50 sheets)
- Calculator
- Safety Glasses
- Tape Measure

There are costs for materials associated with this course. Students may select from a number of projects and types of materials, so costs do vary.

*Financial assistance is available to any student who may be interested in taking courses with associated costs or fees. Please see Ms. Fenn for more information.

COMMUNICATION TECHNOLOGY COURSES

INFORMATION & COMMUNICATION TECHNOLOGY – 15F

APPLYING INFORMATION & COMMUNICATION TECHNOLOGY 15F

1 credit from two half-credit courses

Prerequisite: None

The purpose of this course is to reinforce and extend the ICT knowledge, attitudes, and skills acquired by the students in the Early and Middle Years. The course will further prepare students to use ICT to learn and demonstrate their learning in all Senior Years courses. Topics covered include: Computer Orientation, the Internet, Spreadsheets, File Management, Databases, 2D Animations and Web Design.

INTRODUCTION TO ELECTRONIC COMMUNICATION 10S

1 credit course

Prerequisite: None

This course emphasizes knowledge and skills that will enable students to understand media communication in the 21st century and to use media effectively and responsibly. By the end of the course, students will be able to analyze, interpret, and assess the techniques, forms, style, and language of media works to describe and explain how different media communicate meaning; analyze media representations, describe their content, identify bias, and explain their impact on audiences.

COMPUTER SCIENCE 20S

1 credit course

Prerequisite: none

Computer Science 20S is an introductory course to computer programming. Students will learn to problem solve, accomplish tasks, and express creativity, both individually and collaboratively. This course will require you to be an independent learner, but there will be opportunities to work collaboratively to solve various problems. Students will look at Kodu, Scratch, and Actionscript for programming languages. Other topics include: the history of computer programming, careers in ICT, and computer ethics.

COMPUTER SCIENCE 30S

1 credit course

Prerequisite: Intro to Applied and Pre-Calculus Math 20S & Computer Science 20S

This course will continue topics from Computer Science 20S. We will review some concepts like variables, conditional statements, loops, and functions in programming; and learn more complex programming instructions in this course. Students will focus on object-oriented programming, by looking at Java programming in Greenfoot.

COMPUTER SCIENCE 40S

1 credit course

Prerequisite: Applied Math 30S or Pre-Calculus Math 30S & Computer Science 30S

This course takes an in-depth look at problem solving through computer programming by building on previous experience in Computer Science 20S and 30S. Students will develop knowledge, skills, and attitudes applicable to situations beyond computer science. Students will look at the history of computer science, discuss current trends in the Information Communication Technology field, and learn project development through computer programming.

GRAPHIC ARTS 20S

1 credit course

Prerequisite: none

This course is an introduction to how to create illustrations for the communication technology industry. Students will begin with learning hands - on design and illustration techniques then move onto transferring these skills to computer drawing and illustration programs. Students explore the science behind graphics for print and multimedia production. From concept to final product, students will learn how to bring ideas to life and gain the confidence to create and refine their own productions

GRAPHIC ARTS 30S

1 credit course

Prerequisite: Graphic Arts 20S

Students will build on previous experience from Graphic Arts 20S. Students should be comfortable with the role of a graphic designer, the basic fundamentals of graphic design, and how to apply them to the design process. Students will develop further skills in Adobe programs along with photography and typography. Students should be able to produce commercial quality work for projects this semester with real clients and real problems.

GRAPHIC ARTS 40S

1 credit course

Prerequisite: Graphic Arts 30S

Students will build on previous experience from Graphic Arts 20S and 30S. Students should now be confident in their ability as a graphic designer. Majority of the semester will focus on building a professional portfolio and working with real clients and real situations. Video editing will be explored if there is time.

DIGITAL PICTURES 25S and DIGITAL FILMMAKING 25S

2 half credit courses for 1 full credit course

Prerequisite: none

This course combines two half credit courses (Digital Pictures 25S and Digital Filmmaking 25S) into a full credit course. The Digital Pictures portion of this course will provide students with the skills and knowledge to convey a message through an original digital image. Students will learn to use the manual settings on a digital camera, take pictures for the MCI yearbook, and manipulate those images through Adobe Photoshop. The Digital Filmmaking section of the course will provide students with the skills and knowledge to tell stories by combining sound, still images, moving images, text, graphics, and animation into a video project. Students will plan, develop, and produce a video project.

2-D ANIMATION 35S and 3-D MODELLING 35S

2 half credit courses for 1 full credit course

Prerequisite: none

This course combines two half credit courses (2-D animation 35S and 3-D Modelling 35S) into a full credit course. The 2-D animation portion of this course will provide students with the skills and knowledge to create two-dimensional animations by creating animation storyboards, frame rate for movement, morphing and distorting of images. The 3-D modelling portion will provide students with the skills and knowledge to use software to create three-dimensional models that represent real objects or illustrate ideas.

YEARBOOK: DEVELOPMENT & DESIGN 30S

1 credit course
Prerequisite: none

This course is designed around creating the MCI yearbook. Through Adobe InDesign, students will learn how to properly design and layout yearbook spreads. After students have learned the layout basics, they will have creative freedom when choosing fonts and colour styles. Students will learn about organization, responsibility, and meeting deadlines. Students will become comfortable with selling to clients and photography. Photography and Adobe Photoshop will also be covered.

YEARBOOK: DEVELOPMENT & DESIGN 40S

1 credit course
Prerequisite: none

This course is designed around creating the MCI yearbook, but with more responsibility in an editor position compared to Yearbook 30S. Students will further their skills from Yearbook 30S, but will be more responsible for design and editorial choices, and layout options. Further creative freedom will be given with choices for fonts, colours, and design templates.

VOCATIONAL PROGRAMMING OPTIONS

RRTVA PROGRAM OPTIONS

The following is a list of courses and programs offered through Red River Technical Vocational Area that are available for Morden Collegiate students to enroll in. Please contact the school guidance department for registration information regarding grade level entrance.

Red River Technical Vocational Area is a partnership of five southern Manitoba school divisions devoted to providing access to high quality technology education programs for high school students.

Morden Collegiate Students have access to RRTVA programs and transportation is arranged by Western School Division.

Program Tours are available for students and parents on request. Please contact one of our guidance counsellors for more information.

Programs available to students and locations are as follows:

Offered in Morden:

Welding
Piping Trades
Health Care Aide
Introduction to Construction Trades

Offered at NPC in Winkler:

Baking and Pastry Arts
Culinary Arts
Community Health and Child Care
Electrical Technology
Esthetics – Nail and Skin Care Technology
Hairstyling

Offered at GVC and GVC Tech in Winkler:

Automotive Technology
Heavy Duty Equipment Technology

Offered at WC Miller in Altona:

Carpentry Trades
Culinary Arts

Offered at Roseau Valley School in Dominion City:

Automotive Technology

Offered at Morris School in Morris:

Auto Body Technology

Offered at Shevchenko School in Vita:

Manufacturing Engineering Technology

For more information regarding RRTVA programs, please refer to the RRTVA pamphlet or visit the web site at: www.rrtva.ca

Welding

The Welding Technology program is an accredited program.

- How does this benefit the student?

Completion of training in this program will improve a student's chances of locating employment as an apprentice in the welding field. Students who have completed this program with an accumulated average of 70% or higher, may be eligible for their first level of Apprenticeship training in the Welding trade. Morden Collegiate Welding Technology Centre was the first high school welding program in the country to use "Virtual Reality Welding" as part of welder training. We were also one of the first schools in the province to be granted certification as a Certified CWB Test Centre.

- What does CWB mean and how does it benefit the student?

CWB- Canadian Welding Bureau- is an organization that provide welder certification. Upon completion of the welding program a student will have the opportunity to do a 3 CWB welding tests. If the student passes these welding tests he or she will be a CWB certified welder. This certification is valid for a period of two (2) years. This CWB certification is recognized in all of Canada and even in the USA. Most companies want to employ CWB certified welders.

Information you would want us to ensure people understand about this course (skills beneficial going in, skills acquired, benefits, paths leads to, etc.) for when someone else is speaking about it on your behalf:

- Industry

When you attend the Morden Collegiate Welding Technology Centre to learn how to become a welder, you aren't just setting yourself up for one type of job. The demand for well-trained welders continue to increase all over the country and employers are looking to fill positions in exciting and essential fields such as; Construction, Energy, Oil and Gas, Manufacturing, Aerospace and Industrial maintenance.

Let's face it, the need for welders isn't going away anytime soon, as welding is needed for everything from bridges, cars, appliances and computers. It is an industry that a young adult could enter as an entry- level welder and stay in until his or her future retirement. Our welding program is a great start for anyone looking for a long term career path because we will provide training on equipment that you will use for years on end and will give the student the foundation he or she will need for a promising welding career.

- Salary

Being a welding student you're truly setting yourself up for success. Entry level welders have the potential to make a good living wage. As you continue your career in welding, your skillset and wage amount will both have the opportunity to increase. Once you've learned how to become a welder and are comfortable in the field, there is potential for you to start your own welding business.

Introduction to Construction Trades

Introduction to Construction Technology (ICT) is a single semester which introduces students to basic carpentry and piping skills used in many industries today. The Carpentry and Piping Trades shops are used to familiarize students with the tools and processes of two interrelated trades. Students are introduced to common practices in the carpentry and piping profession including safety, reading blueprints, tools and equipment and participating in trade based projects. Students can also use this semester to help them decide on which of the two programs they would like to specialize in.

In the ICT semester, the student spends half of the time in each of the two shops mentioned above. The student spends approximately ten weeks studying the introductory skills of each of the two trades. The skill learned in any one of the shops may then be applied in the other shop to increase the student's level of proficiency in the trades.

While at W.C. Miller Collegiate Carpentry program, students will identify, explore, and work with various wood projects while developing technical skills with various hand and power tools common to the carpentry trade. They will also develop skills in communication through drafting, and apply basic math concepts to solve trade-related problems.

While in Morden for the Piping Trades portion of the semester, students learn to construct, repair and maintain piping systems, fixtures and appliances in all types of buildings and structures. It introduces students to many aspects of the piping trades including the use of hand tools, portable power tools and other equipment used in the industry. Students will practice threading pipe, soldering, and construct projects using a variety of piping materials.

The ICT courses include:

8859	Exploration of Plumbing & Piping Trades Morden	10S
9174	Exploration of Technical Vocational Education – Morden	40S
8584	Intro to Carpentry – Altona	10S
7994	Construction Technology – Altona	40S

HIGH SCHOOL APPRENTICESHIP OPTION

This is a special option for grade 11 and grade 12 students. Starting in grade 11, the Senior Years Apprenticeship Option allows students to earn high school credits for time spent in on-the-job training and employment as an apprentice. The participant, as a student, completes core academic subjects including Math, and Language Arts at the grade 11 and grade 12 level while working as an apprentice. Up to eight (8) credits are available in grade 11 and grade 12 in the apprenticeship program (110 hours = 1 credit).

At the completion of grade 12, the student would graduate and continue the completion of their Apprenticeship. After continuation of school and work in the trade the individual would earn a 'Certificate of Qualification' in his or her trade.

The challenge of getting into an Apprenticeship program is finding an employer who needs an apprentice. Normally, apprenticeship candidates would be well known to the host/employer. Where this is not the case, candidates should consider a Career Education placement as a means of demonstrating their aptitude and commitment to training in a particular occupation.

Unlike other work experience opportunities available to student in Western School Division, apprenticeship allows students to earn a salary while they complete their high school. The Apprenticeship Branch determines the salary paid by employers.

This model provides a cost-effective way to develop highly skilled and productive employees. An industry-driven initiative, apprenticeship sets standards for skills in a wide variety of trades through industry advisory groups.