

**Institut collégial
Vincent Massey
Collegiate**

**Course Description Guide
2023-2024**



DISCOVER YOUR GIFTS AND TALENTS

EXERCISE YOUR LEADERSHIP AND PARTICIPATE

INSIST ON SOCIAL ACTION AND SOCIAL JUSTICE

PURSUE YOUR CREATIVITY AND CURIOSITY

STRIVE FOR EXCELLENCE IN ALL THAT YOU DO

About ICVMC

- *Dual track school (English and French Immersion)*
- *UNESCO school*
- *Academics, arts, and athletics opportunities*
- *Advanced Placement courses*
- *Honours courses*
- *University of Winnipeg courses*
- *Over 100 elective courses*
- *Extracurricular clubs and teams*
- *Service and travel opportunities worldwide*



A Proud UNESCO School - Home of the Trojans

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INTRODUCTION

Institut collégial Vincent Massey Collegiate is a vibrant dual track school that offers a Grade 10-12 English Program and a Grade 9-12 French Immersion Program. Vincent Massey is a proud UNESCO school of over 1200 students with more than 120 dynamic, high-energy staff. Massey has a strong, rich tradition of academics, arts and athletics as well as an emphasis on community service and social justice.

Vincent Massey's history of academic acknowledgements, strong athletic teams, creative and performing arts, encourages all students to engage and participate in whatever interests them. Beyond our competitive opportunities, Massey offers over 30 clubs.

While honouring Vincent Massey's history and tradition, our faculty and community moves forward as a 21st century, UNESCO school creating learning opportunities and challenges for all students. Massey's teachers offer classroom experiences that are relevant and rigorous. Students can pursue their creative interests and curiosities, expand their leadership and sense of belonging, challenge social justice issues and take action while striving for excellence.

Vincent Massey was the first and is the only Provincial High School to offer a unique strategy of programming for elite athletes or artists who must juggle training, travel, and school as part of their daily lives. That program has evolved into the Sport and Arts School in collaboration with the Canadian Sport Centre, an initiative that is supervised by a teacher who acts as a mentor for student athletes.

Vincent Massey was also the first ASPnet UNESCO school in Pembina Trails School Division; a membership that links us to the international UNESCO goals and has impelled us to strongly encourage students to become leaders in local and global issues.

We are excited for you to join our school community. Institut collégial Vincent Massey Collegiate becomes a home to its students until each student is ready to take their place in the world. If you study with us, you will have opportunity to be transformed, with an open mind, a caring heart, and a strengthened body. We look forward to working with you and seeing all that you will become.

REGISTRATION

Vincent Massey's catchment area is defined as Fort Garry (North of Bishop Grandin Boulevard), and Whyte Ridge. Based on the student's residence, our primary catchment area schools include General Byng, Henry G. Izatt, South Pointe (French Immersion) and Viscount Alexander.

School of Choice registrants are either "Within-Division" or "Out-of-Division". Within-Division applicants would include the following communities: Bridgewater, Linden Ridge, Linden Woods, Prairie Pointe, South Pointe (English Instruction), and Waverley Heights (Bishop Grandin South).

Students from these communities must complete a Schools of Choice "Within-Division" form return these by Friday, February 24th. If accepted, students will receive a registration package to select courses.

"Out-of-Division" applicants must complete a School of Choice "Out-of-Division" form. This must be completed by May 15. We would prefer that this form be completed and returned to the office by Friday 24th.

All Vincent Massey catchment students automatically receive a registration package by mid-February and the process plays out as follows:

1. The registration packages includes a letter from the administration, the course description guide, a course selection form with a personalized ID and password for online course requests.
2. All students are strongly encouraged to register for a minimum of 8 credits.
3. Our goal is to have all students registered by Friday February 24th.
4. Sport and Arts School applicants should first contact the school. Students registering under the "Sport School" umbrella of the program will be directed to the Canadian Sport Centre at the University of Manitoba to initiate the registration process.
5. International students, students on a study permit or visa, and newcomers to the country must contact Pembina Trails School Division (ISP department, 204-488-1757) to initiate the registration process.

GENERAL INFORMATION & FEES

Student Timetable

Period 1	8:30 AM - 9:40 AM
Period 2	9:40 AM - 10:50 AM
Period 3	10:50 AM - 12:00 PM
Period 4	1:10 PM - 2:20 PM
Period 5	2:20-PM - 3:30 PM

Semester System

The school year is divided into two equal parts (semesters). The first semester runs from September through to the end of January, and the second semester runs from February to June. Most courses are completed within a single semester.

Attendance

All Vincent Massey students have a responsibility to attend all classes for which they are scheduled. Research studies have shown that students who have attendance rates above 95% perform better academically. Missing 2 days or more per month affects student success and compromises the minimum number of instructional hours for students to receive their credit.

If a student needs to be absent due to illness, medical appointments and/or emergencies parents are asked to report the absence through Edsby or by calling/emailing the school.

If an absence has not been communicated to the school an automated phone call and/or email is sent home in the evening.

Student Fees

The **General Student Fee** of \$60.00 paid by all students is collected in August via Permission Click.

This Fee is directed towards costs attributed to:

- Co-curricular programming opportunities, guest speakers, school events, etc;
- Maintenance, repair and replacement of locks for lockers;
- Operation (beautification, equipment, seating, supplies) of ancillary and cafeteria spaces;
- Partial subsidy for cafeteria and hallway supervision during lunch hours;
- Partial subsidy towards transportation costs for field trips;
- School wide communications for students (i.e. handbooks, school-life promotions, etc.);
- Support for arts, clubs, social action, sport, student council and UNESCO events/initiatives; and
- Support for homeroom activities and Diversify/UNESCO events.

We have reduced our student fee expenses in these areas so that all students receive a yearbook. No additional yearbook fee is collected.

The **Convocation Fee** of \$60.00 is also collected in August via Permission Click.

This Fee pays for normal budgeted costs associated with convocation (not the grad dinner nor safe grad). The fee covers costs for cap/tassel, diploma covers, gown cleaning, gown repair/replacement, programme printing, stage dressings, venue rental, etc. There is no cost for gown/stole because Massey owns its inventory. The fee allows for unlimited family members and friends to attend without the purchase of tickets. All Grade 12 students are expected to pay this fee.

Any family or student who may experience hardship by any fees applied at Institut collégial Vincent Massey Collegiate is asked to please contact Mr. Iain Riffel, Directeur/Principal.

COURSE CODES

Understanding course codes

All course codes are established by the school division and linked to Manitoba Education course codes. The first letters in the course code represent an abbreviation of the course name. French Immersion courses will begin with an “X”.

The first numerical character indicates the course level (“1” for Grade 9; “2” for Grade 10; “3” for Grade 11, and “4” for Grade 12)

Second numerical character indicates:

- 0 Developed or approved by the Province of Manitoba for 1 credit
- 1 Developed by school or division and registered with Manitoba Education as School Initiated Credit (SIC)
- 2 Developed by external authorities, and in the case of dual-credit, a post-secondary institution or Advanced Placement (AP)
- 5 Developed or approved by the Province of Manitoba for 0.5 credit

The third character and final character (following the numbers) indicate:

- A **Avancé - Honours courses in French Immersion**
- E English as an Additional Language courses
- F Foundation compulsory courses - required for graduation
- G General education experiences for all students
- H **Honours courses in English Instruction**
- S Specialized learning experiences focused on specific skill and content
- M Modified curriculum for students who meet specific needs
- I Individualized educational experiences intended for students with significant cognitive needs
- U University based courses that provide dual-credit between the high school and the University of Winnipeg

Here is an example of the course codes in the course description guide:

English Program Course Title

EI Course code	MIAP20S	Prerequisite	MATH10F
Honours	MIAP20SH		

French Immersion Course Title

FI course code	XMQU20S	Prerequisite	XMAT10F
Avancé	XMIAP20SA		

HONOURS COURSE PATHWAYS

Honours English

Honours English (4 credits) is designed for students who accept the challenge of an intensified study of English. Only students with 80% or better in Grade 9 should register for the English Honours program. Students who maintain a mark of 80% or better in each honours course will be able to continue to the next level in the program. Students who complete all four courses in the first two years of the honours program are eligible to enroll in the College Board AP Literature or the University of Winnipeg English course in their Grade 12 year.

	ENGLISH	
	SEM 1	SEM 2
GRADE 9	ELA10F	
GRADE 10	ELA20FH	ELALF30SH
GRADE 11	ELALF40SH	ELALL40SH
GRADE 12	LIT/UELA42U	

	MATH (ENG)		MATH (FI)	
	SEM 1	SEM 2	SEM 1	SEM 2
GRADE 9	MATH10F		XMAT10F	
GRADE 10	MIAP20SH/MPC30SH		XMIAP20SA/XMPC30SA	
GRADE 11	MPC40SH	MPC40SH	XMPC40SA	XMPC40SA
GRADE 12		UCAL/MAD II		UCAL/MAD II

Honours Math

Honours Math program is a challenging program designed for students who enjoy learning math and/or intend to study math or science in university.

The focus of this program is theoretical math. Marks will be based on tests and exams. Daily homework is an expectation.

Honours Math is recommended for students who have at least 80% in Grade 9 Math.

Honours Science

Honours Science (English or French) demands self-reliance, independent study and curiosity. Topics are covered in more depth (and still at a quicker pace) than the regular courses. It is highly recommended that students who register for the honours courses have at least a mark of 75% in the prerequisite course. Note that a student does not have to take both Honours Biology and Chemistry.

	SCI(ENG)		SCI (FI)	
	SEM 1	SEM 2	SEM 1	SEM 2
GRADE 9	SCI10F		XSCI10F	
GRADE 10	SCI20FH	CH30SH	XSCI20FA	XCH30SA
GRADE 11	CH40SH BIO30SH	CH40SH	XCH40SA XBIO30SA	XCH40SA
GRADE 12	UINTRCHEMA42U ENVSCI	UBASCHEMA42U ENVSCI	UINTRCHEMA42U ENVSCI	UBASCHEMA42U ENVSCI

AWARDS CRITERIA

At Vincent Massey we celebrate academic excellence. We acknowledge Honours and Honours with Distinction on provincial diplomas at the time of graduation.

Grade 9, 10 and 11 students are recognized at our Undergrad Award Ceremony in the Fall. Students are invited to this celebration based on specific criteria. Students with an average that exceeds 80%, using the criteria below, receive an Honour's Certificate; students with an average that exceeds 90% , using the criteria below receive an Honour's with Distinction Certificate.

Awards Calculations

HONOURS

Based on an 80% average with no course mark below 70% used in the calculations.

Grade 9 FI: ELA, XMATHÉ, XSCI, XSCIHUM, XFRANC

Grade 10 ENG: ELA, MATH, SCIENCE, GEOGRAPHY, ONE OPTIONAL Grade 10 Course

Grade 10 FI: ELA, XMATHÉ, XSCI, XGEOIC, XFRANC

Grade 11 ENG: ELA, MATH, CANADIAN HISTORY, TWO OPTIONAL Grade 11 Courses

Grade 11 FI: ELA, XMATHÉ, XFRLC, XHIC, ONE OPTIONAL Grade 11 Course

HONOURS WITH DISTINCTION

Based on a 90% average with no course mark below 70% used in the calculations.

Grade 9 FI: ELA, XMATHÉ, XSCI, XSCIHUM, XFRANC

Grade 10 ENG: ELA, MATH, SCIENCE, GEOGRAPHY, ONE OPTIONAL Grade 10 Course

Grade 10 FI: ELA, XMATHÉ, XSCI, XGEOIC, XFRANC

Grade 11 ENG: ELA, MATH, CANADIAN HISTORY, TWO OPTIONAL Grade 11 Courses

Grade 11 FI: ELA, XMATHÉ, XFRLC, XHIC, ONE OPTIONAL Grade 11 Course

GRADUATION & DIPLOMAS

English Compulsory Credits	Gr. 9	Gr. 10	Gr. 11	Gr. 12	Students in the English program should take the compulsory credits outlined in this chart as well as optional courses to total at least 30 credits.
ELA	10F	20F	30S	40S	
Mathematics	10F	20S	30S	40S	
Physical Education	10F	20F	30F	40F	
Science	10F	20F			
Social Studies	10F				
Geography		20F			
History: Canadian			30F		
Choose an additional 13 credits for a total of 30 credits.					

French Immersion Compulsory Credits	Gr. 9	Gr. 10	Gr. 11	Gr. 12	Students in the French Immersion program should take the compulsory credits outlined in this chart as well as optional courses to total at least 30 credits.
ELA	10F	20F	30S	40S	
Français	10F	20F	30S	40S	
Mathématiques	10F	20S	30S	40S	
Éducation physique	10F	20F	30F	40F	
Sciences de la nature	10F	20F			
Sciences humaines	10F				
Géographie		20F			
Histoire du Canada			30F		
Choose an additional 9 credits for a total of 30 credits.					

All students who meet the graduation requirements above will receive a Provincial High School diploma. Students in the English program require 17 compulsory credits and 13 optional credits for a total of 30 credits. Students in the French Immersion program require 21 compulsory credits and 9 optional credits for a total of 30 credits (14 of which must be French Immersion credits).

Additional Diploma Options

French Immersion Enrichi Diploma

Awarded to students who have completed 20 French Immersion credits

French Immersion Approfondi Diploma

Awarded to students who have completed 22 or more French Immersion credits

Vincent Massey UNESCO Diploma

Awarded to students who contribute to the UNESCO Pillars and Study Areas through action in their communities

Manitoba Post Secondary Institutions

Entrance requirements vary between post-secondary institutions. Students are encouraged to discuss career and educational plans with a counsellor. It is imperative that students make themselves aware of prerequisites and entrance requirements for the various faculties at the universities and for programs at community colleges. Please see this handbook on the Massey website for live links to the Manitoba institutions below.



**University
of Manitoba**



THE UNIVERSITY OF
WINNIPEG



CANADIAN MENNONITE UNIVERSITY



PROVIDENCE
COLLEGE



**BRANDON
UNIVERSITY**



**ASSINIBOINE
COMMUNITY COLLEGE**



Université de
Saint-Boniface



BOOTH
UNIVERSITY
COLLEGE



UNIVERSITY COLLEGE
OF THE NORTH



RRC
POLYTECH

STUDENT SERVICES & ADDITIONAL PROGRAMS

Student Services

The student services team at ICVMC consist of both Guidance Counsellors and Resource Teachers. The team provides a variety of extended planning options for all students to help them reach goals in education, transition to the workplace, pursuit of post-secondary education and access to community services. The team assists in transitions, teaming and programming for student success.

All Grade 9 to 12 students are assigned a counsellor upon admission to ICVMC. Counsellors provide students with support in the areas of academic guidance, careers, and social and personal development.

Community Service – Peer Tutoring – Volunteering Student Initiated Program (SIP)

Students can acquire credit for volunteer service. Volunteer hours are not retroactive and cannot include any hours prior to having the credit approved. Students must meet with their counsellor for more information.

E-Designated Courses

In the course description section, some courses offered begin with EAL and end with an E in the course code. These courses are designated for newcomers, who do not have a strong grasp of the English language. Following an assessment and if appropriate, students may be designated as English as an Additional Language (EAL) learners. All E-designated courses have a lower student-teacher ratio in the classroom.

Student Centre

The Student Centre is open throughout the day and is accessible to all students who are seeking extra academic support

Individualized Programming

This programming is intended for students with significant cognitive and physical needs. Programming is designed for students who will continue their education at Vincent Massey until the age of 21. Students work on developing skills for increased independence, along with academic and work-experience, within an inclusive environment. The classroom teacher and support staff ensure the environment is safe, fun, dynamic and that there are many meaningful learning opportunities.

Specialized Programming - ICVMC Sport and Arts School

→ Sport Program

The Canadian Sport Centre and ICVMC established a program that enables high performance athletes to pursue their sport goals without forfeiting their academic development. This program is designed for athletes participating in individual sports at a provincial elite level. Supports include:

- Individually constructed timetable with the athlete's training and travel schedule in mind (including optional courses designed for the high performance athlete)
- Internet access while students are away for training and competition
- Teacher advisor/mentor who is the primary contact for coaches, parents and teachers
- Tutorial support
- Regularly scheduled meetings and community-building events for all athletes (recognizing that many students are 'new to Massey', and require peer connections)

→ Arts Program

Additionally, the school provides an equally valuable opportunity for elite artists (typically actors, dancers, singers) to pursue their artistic goals without forfeiting their academic goals. Supports include:

- Individually constructed timetable with the artist's training and travel schedule in mind (including optional courses).
- Internet access while students are away for rehearsals, performances or competitions.
- Teacher advisor/mentor who is the primary contact for the student, parents and teachers.
- Regularly scheduled meetings and community-building events for all artists/athletes (recognizing that many students are 'new to Massey' and require peer connections).

High School Apprenticeship Program (HSAP)

With Grade 9 and 10 compulsory courses completed, Grade 11 and 12 students have an opportunity to begin an apprenticeship in a trade of their choice while working on completing their high school diploma requirements. Students must be a minimum of 16 years of age. The program still requires students to complete all compulsory courses at the Grade 11 and 12 levels. Students can gain practical, paid work experience and benefit from:

- Choice of an apprenticeship in 1 of 40 trades hands-on learning
- 8 supplemental credits for graduation based on 110 working hours per credit
- Wages greater than minimum wage
- On-the-job training hours that can be applied to full-time apprenticeship training after graduation life long skill and career development while still in high school

Special Credits that are issued by external organizations

- Do you have American Sign Language?
- Are you involved in Cadet training?
- Are you considering taking a course through distance learning from the Department of Education?
- Have you been taking theory and performance music exams through the Western Board of Music or the Royal Conservatory of Toronto?

Please note: The above credits are recognized only as additional credits beyond the 30 credits required for graduation.

- Are you fluent in a language that is not taught at ICVMC?

If any of the above scenarios applies to you, you may qualify for additional credits which can count as part of your provincial elective credits. To qualify for any of those listed above which apply, credentials must be reviewed by your counsellor to ensure requirements are met.

Manitoba Institute of Trades and Technology (MITT)

Students who are interested in registering for courses offered through Manitoba Institute of Trades and Technology (MITT) must be residents of Pembina Trails School Division. The Manitoba Institute of Trades and Technology website has complete course information. Course brochures are available from Vincent Massey Student Services and your guidance counsellor can facilitate registration at MITT.

ARTS

(Visual & Performing)

LES ARTS

(Visuels & Performant)

Visual Arts

Visual Art 10S

Course code	ART10S	Prerequisite	
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This course is a hands on introduction to the main elements of art production and artistic literacy. Students will work in a variety of drawing, painting and sculptural mediums. Diverse forms of artistic expression are encouraged.

Visual Art 30S

Course code	ART30S	Prerequisite	ART20S
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This intermediate course is intended to further the concepts and skills introduced in Art 20S. At this level, students continue to be involved in hands-on art making using a variety of 2D and 3D mediums. Art history and Art appreciation will be discussed, but in the context of hands-on Art projects. This is a studio-based course.

Indigenous Art 10/20/30/40S

Course code	INDART10/20/30/40S	Prerequisite	
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These courses are for all students wishing to explore a variety of Indigenous art mediums. Beading, rock painting, hand sewn medicine bags, dream catchers, rattle making & smudging feathers are a few possibilities



Visual Art 20S

Course code	ART20S	Prerequisite	
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This course is a foundation-level studio art class which serves as an introduction to a variety of 2D and 3D artistic mediums and experiences. Assignments are hands-on and project based, providing ample opportunities for individual expression and personal growth while fostering the development of artistic skills and literacy.

Visual Art 40S

Course code	ART40S	Prerequisite	ART30S
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In this advanced course, students will explore drawing, painting, sculpture, ceramics and printmaking in greater depth with a focus on self-directed problem solving and individual expression. Formal written research in Art history and Art appreciation is continued from Art 30S. This is a studio-based class.



Video Production

Video Production 20S

Course code	VP20S	Prerequisite	
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This introductory course is designed to introduce students to the technical and artistic skills necessary to tell a story through the use of video. Using Apple OS and Adobe software, students will apply creative skills learned in class to a series of project work demonstrating video pre-production and production techniques cultivated throughout the semester.

Video Production 30S

Course code	VP30S	Prerequisite	VP20S
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This intermediate course is designed to continue working with the students from where they concluded in Video Production 20S, exploring the technical and artistic skills of storytelling through video.

Video Production 40S

Course code	VP40S	Prerequisite	VP30S
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This advanced course is a culmination of the skills acquired through previous video courses with a strong focus on independent film making. This will include a variety of productions used for public relations within Vincent Massey, the community and beyond.



Digital Photography

Digital Photography 20S

Course code	DP20S	Prerequisite	
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This course will take students through the major aspects of digital photography by using a DSLR camera which is supplied if you do not have your own. Students will learn about elements of composition, the major settings on the camera such as aperture, shutter, white balance, ISO, focus modes, and about the style of environmental portraiture. This introductory course aims to get students shooting on fully manual mode. Students help with photography for school publications including the yearbook, website, and student publication. All students will share their photography with other classmates and with the public in our gallery show.

Digital Photography 30S

Course code	DP30S	Prerequisite	DP20S
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This intermediate digital photography course builds on the skills from Digital Photography 20S, which is a prerequisite. In this course, the focus is on styles of photography such as food, architectural, special event, specialty lenses and effects, and the medium of visual communication in terms of ethics and ideology. All students will share their photography with other classmates and with the public in our gallery show.

Digital Photography 40S

Course code	DP40S	Prerequisite	DP30S
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The advanced digital photography course builds on the skills from 20S and 30S, both of which are prerequisites for this course. The aim of this advanced course is to develop your own style as a photographer. Topics include studio lighting, nature and travel photography, and night painting. All students will share their photography with other classmates and with the public in our gallery show.



Musical Arts

Musique: Fanfare 10S

FI code	XBA10S & XBA15S (register for both)	Prerequisite	8e Band
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This course is designed for students who wish to further their studies of instrumental music in a concert band setting. There will be an emphasis on the fundamentals of instrumental technique as students work toward developing a beautiful and characteristic sound. Students will develop their individual technique and musicianship through various exercises, studies, music theory, and a wide variety of concert band literature. Particular attention will be given to developing the ensemble sound. Students will participate in a variety of school concerts, festivals and other special events. XBA15S is the band sectionals which are extra rehearsals that are scheduled on a rotational basis.

Band 20S

Course code	BA20S & BA25S (register for both)	Prerequisite	BA10S or XBA10S
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This course is designed for students who wish to further their studies in instrumental music through performance in a concert band setting. Particular attention will be given to maturing individual and ensemble sound, intonation, sight reading and developing concepts of musical phrasing. Students will participate in a variety of school concerts, festivals and other special events. BA25S is the band sectionals which are extra rehearsals that are scheduled on a rotational basis. Please note that BAND25S runs over the noon hour.

Band 30S

Course code	BA30S & BA35S (register for both)	Prerequisite	BA20S
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This course is a continuation of BAND 20S where students will take their musicianship and skills to the next level and have more performance opportunities. Students are exposed to a more challenging repertoire and will achieve a much higher level of performance and overall understanding of musical communication and interpretation.

Band 40S

Course code	BA40S & BA45S (register for both)	Prerequisite	BA30S
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This course will take the students to their highest level of achievement in the high school band program. The high performance level allows less time to be spent on individual technique and more on ensemble development and the study of some of the finest concert band literature.

Jazz Band 10S

Course code	JB10S	Prerequisite	Grade 8 Band
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This course is for first or second year jazz players. The course is designed for students who have a special interest in jazz music and want an opportunity to play in a smaller group. Student's technical skills and musicianship are developed through jazz performance. Due to the size and nature of jazz band, a certain level of musicianship, technical facility and independence on instruments is required. Depending on enrollment and instrumentation needs an audition may be required. This course is only available to students enrolled in Band 10G.

Jazz Band 20S

Course code	JB20S	Prerequisite	BA10S
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This course is not available to students not enrolled in Band 20S. This course is designed for students who have a special interest in jazz music and want an opportunity to play in a smaller group. Students' technical skills and musicianship are developed through jazz performance. Due to the size and the nature of jazz band, a certain level of musicianship, technical facility and independence on instruments is required. Depending on enrollment and instrumentation needs, an audition may be required.

Jazz Band 30S and 40S

Course code	JB30S JB40S	Prerequisite	JB20S
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This course is not available to students not registered in BAND 30S / 40S. Each of these courses will take students into the next level of jazz study through the performance of more diverse and challenging styles of jazz music and through the development of improvisational skills. Depending on enrollment and instrumentation needs, an audition may be required. Students will participate in school concerts, special events and festivals.



Wind Ensemble 10S, 20S, 30S, and 40S

Course code	WIND10S WIND20S WIND30S WIND40S	Prerequisite	By audition
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Wind Ensemble is designed for students who desire an additional challenge beyond their grade level concert band. With limited instrumentation, the ensemble requires a greater level of musical maturity and independence from each individual. Students from all grade levels are integrated into this ensemble and share a common passion for music making and artistic development. The wind ensemble explores and performs some of the finest wind band repertoire, performs in many special concerts, events and festivals. The group rehearses on Tuesdays and Thursdays after school. Students must be enrolled in Band 10S, 20S, 30S or 40S in order to participate in this course.

Choral Music 10S, 20S, 30S, and 40S

Course code df	CHOR10S CHOR20S CHOR30S CHOR40S	Prerequisite	
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Course Fee: \$20 for field trip and music binder. Each of these courses offers students the opportunity to develop their choral skills and abilities with performance outcomes. Choir is a collective effort, so no student will be required to sing solo. (Solos are auditioned based on interest.) Concert Choir rehearses once a month with Chamber Choir during a Tuesday or Thursday noon hour class. Men's Chorus rehearses every Wednesday. (Accommodation is made for choir/band students who need to juggle time between Choir and Band rehearsals.)

Choral Music 15S, 25S, 35S, 45S

Course code 0.5 credits	CHOR15S CHOR25S CHOR35S CHOR45S	Prerequisite	
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Course Fee: \$20 for field trip and music binder. This option is an alternative for choral students who have a timetable conflict or restraints. These students will meet on alternate days the same time as the full credit course. The course description remains the same as choral music 1.0 credit.

Vocal Ensemble (Chamber Choir) 10S, 20S, 30S, 40S

Course code	VENS10S VENS20S VENS30S VENS40S	Prerequisite	
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Course Fee: \$20 for field trip and music binder. Students already registered in a choral music course are not required to pay again. Students must complete a private audition with the Choral teacher in September before placement in the ensemble. This course (Chamber Choir) is designed for those students who wish to pursue advanced choral material in an ensemble outside of the timetable. The group rehearses Tuesdays and Thursdays during lunch hour; as well as one morning every other week at 7.30am. Accommodation is made for choir/band students who need to juggle time between Choir and Band rehearsals.

Guitar 20S

Course code	GUI20S	Prerequisite	
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This introductory course focuses on beginner acoustic guitar skills and ensemble. The program is designed to teach basic guitar technique through a number of different styles including pop, rock, folk, country, and classical. Previous music experience is not necessary, but is an asset. The course will cover the following topics: rhythm playing and picking, basic note reading, introductory music theory, chords in first position/using a Capo, finger picking guitar techniques, movable chord shapes.

Guitar 30S

Course code	GUI30S	Prerequisite	
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This is an intermediate course that provides more ensemble experience for students using a variety of styles. Emphasis is placed on small group presentation and solo playing.



Drama and Improvisational Theatre

Drama 20S

Course code	DRAMA20S	Prerequisite	
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Art Dramatiques 20S

FI course code	XDRA20S	Prerequisite	
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This introductory fun and focused course introduces students to a sampling of a variety of approaches to making drama/theatre such as puppetry, mask and mime work, musical theatre, improv, monologues, skits, children's theatre, collective creations, as well as the obvious foundational stage, voice, and character work. Students learn the basics in a dynamic, active class.

Drama 30S

Course code	DRAMA30S	Prerequisite	DRA20S or by audition
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This intermediate course continues to emphasize the dramatic elements, but extends the experience with the history of theatre and the opportunity to audition and perform in a major Massey dramatic or comedic stage production. Students will also attend professional matinée performance and tour Manitoba Theatre Centre.

Drama 40S

Course code	DRA40S	Prerequisite	DRA30S or by audition
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This advanced course aims to increase students' artistic experience and development. At this level, emphasis is placed on Masterpiece Theatre, from learning about major playwrights throughout history, to styles of production, to directing, to scene work and social drama. Students attend more than one professional stage performance in the evening. Students in this course also audition and perform in the major Massey dramatic or comedic stage production, while also learning all that is involved in producing a show.

Public Speaking 30S and 40S

Course code	PUBSP30S and PUBSP40S	Prerequisite	
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This course will enhance students' speech skills through performance and as critical audience members modeling our diverse society. A wide variety of readings, performance, and class work will centre on the development and application of skills necessary to speak and listen with a heightened awareness of audience. 30S is a prerequisite for 40S.

Introductory Improvisational Theatre 10S or 20S

Course code	IMP10S/IMP20S	Prerequisite	
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This introductory class focuses on the basics of Improvisational Theatre. Through games, role playing, and weekly performance, the students will learn to respond to challenges with initiative, energy, and confidence. This class is for someone who wants to learn the very complex, yet rewarding art form of improv, which includes more than comedy. Students will be placed on performance teams with intermediate and advanced students.

Intermediate Improvisational Theatre 30S

Course code	IMP30S	Prerequisite	IMP20S
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In this intermediate class, students will be trained further in creative and divergent thinking skills, listening skills, team building skills, as well as furthering performance skills: voice, physical staging and character work. Innovative in-class activities are designed to help free the performer's creativity and develop technical skills, speed, and higher-level thinking skills. Students will perform weekly in Improv Survivor.

Advanced Improvisational Theatre 40S

Course code	IMP40S	Prerequisite	IMP30S
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This advanced class will train students further in divergent thinking skills, leadership, and team work. Students will also advance their performance skills by learning the different schools of thought in improv training. Students will be asked to serve as captains and coaches for newer players, developing leadership skills as well as strong performance skills, performing weekly in Improv Survivor.



Dance

There are several in school and evening recital performance expectations with all Dance courses. Students must provide black dance shoes (rentals available), black leggings, black t-shirt or tank top. Hair is required to be tied back.

Dance 10S

Course code	DANCE10S	Prerequisite	
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This is an introductory course to the fundamental techniques of formal dance styles, including hip-hop, ballet, tap, modern and jazz. As well, students have the opportunity to explore some social and world dance styles. An emphasis is placed on the development of dance technique, flexibility, strength, health and performance skills. Students will watch and respond to dance performances and write about dance. Students experience teacher or clinician-led dance choreography and explore their own ideas through group choreography.

Dance 30S

Course code	DANCE30S	Prerequisite	DANCE10S, DANCE20S, or by arrangement with teacher
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This intermediate course is a continuation in the fundamental techniques of formal dance styles, including hip-hop, ballet, tap, modern and jazz. As well, students have the opportunity to explore some more social and world dance styles. An emphasis is placed on more sophisticated levels of dance technique, flexibility, strength, health and performance skills. Students will watch and respond to dance performances and write about dance. Students experience teacher or clinician-led dance choreography and explore their own ideas through group choreography but also extend their learning of techniques learned through improvisation, group and individual choreography.

Musical Theatre 10S, 20S, 30S, and 40S

Course code	MUT10S MUT20S MUT30S MUT40S	Prerequisite	One of: Band, Choral, Dance, or Drama course
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This course focuses on preparing the school's musical production. The course includes the perspectives, contexts and meanings behind the show, as well as techniques and rehearsals to prepare the show for the stage. Students sing, dance and act throughout the semester. All students in the course are part of the show. Students have the opportunity to learn and prepare both on and off the stage as they work together on production teams. This course includes extra rehearsals for the major roles and some extra rehearsals for the full cast closer to show time.

Dance 20S

Course code	DANCE20S	Prerequisite	
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This is an introductory course to the fundamental techniques of formal dance styles, including hip-hop, ballet, tap, modern and jazz. As well, students have the opportunity to explore some social and world dance styles. An emphasis is placed on the development of dance technique, flexibility, strength, health and performance skills. Students will watch and respond to dance performances and write about dance. Students experience teacher or clinician-led dance choreography and explore their own ideas through group choreography.

Dance 40S

Course code	DANCE40S	Prerequisite	DANCE30S, or by arrangement with teacher
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This advanced course is a continuation in the fundamental techniques of formal dance styles, including hip-hop, ballet, tap, modern and jazz. As well, students have the opportunity to explore some more social and world dance styles. An emphasis is placed on more sophisticated levels of dance technique, flexibility, strength, health and performance skills. Students will watch and respond to dance performances and write about dance. Students experience teacher or clinician-led dance choreography and explore their own ideas through group choreography, but also extend their learning of techniques learned through improvisation, group and individual choreography. A Final exam piece consisting of student choreography is a component of this course.



COMMERCIAL
STUDIES
&
TECHNOLOGY
EDUCATION

Computer Technology

Computer Technology courses provide students with skills that are of very practical and relevant use in today's challenging world. Not only do students acquire useful skills but they will learn to apply their expertise in the work and school world. We use the latest software and hardware and also encourage students to bring their own technological devices. With greater competition for jobs and with the changing nature of the market, it is essential that students have the latest skills necessary for success.

Computer Science 20S

Course code	CS20S	Prerequisite	
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This is an entry-level course in computer science and is designed for students who have an interest in computer programming, problem solving, and understanding technology. CS20S will use a current programming language and development software to introduce the fundamentals of writing code and small programs. Main topics include control structures, systemic problem solving, and how the internet and computers work. Students will be challenged to develop solutions to problems both independently and in a group setting in an increasingly complex manner as the term progresses.

Computer Science 30S

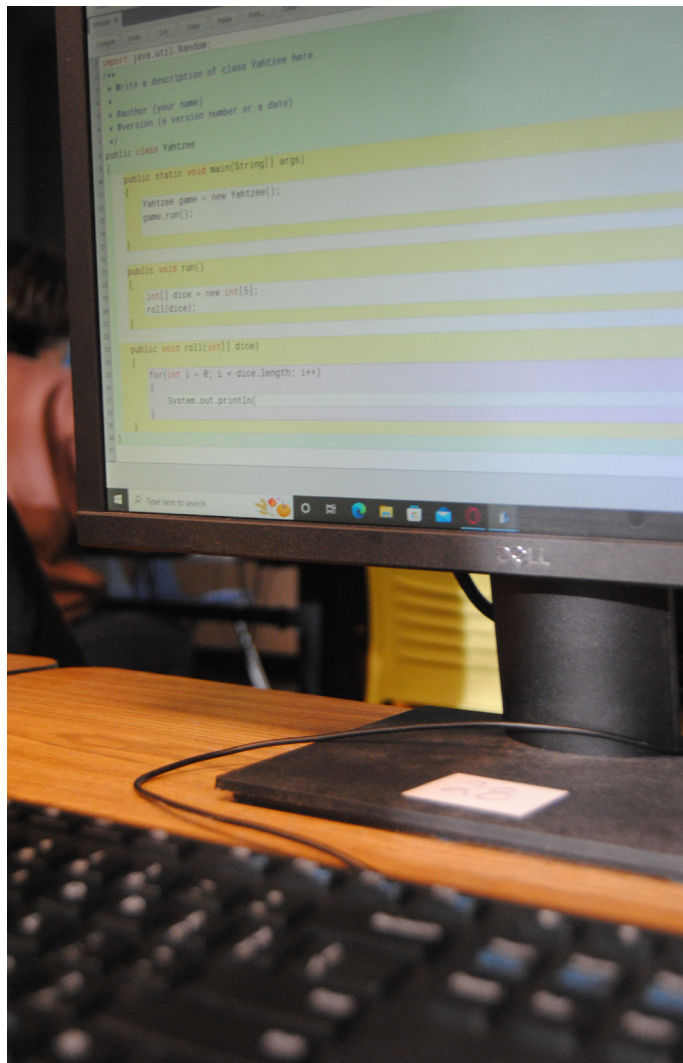
Course code	CS30S	Prerequisite	CS20S
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This an intermediate level course in which students will continue to expand their coding skills and develop an understanding of algorithms to solve problems. Independent project-based assignments are emphasized in this course; allowing students to gain confidence in their programming abilities. Course content includes advanced data types and object oriented programming within the Java environment, as well as technical communication and presentations.

Computer Science 40S

Course code	CS40S	Prerequisite	CS30S
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This advanced course teaches complex computer science concepts by working through small games and interactive programs and is designed for students who have successfully completed CS20S and CS30S. Students in this course will learn to manage graphics, sounds, and object movement as they pertain to interactive software and in-game actions. Students who take CS40S will continue to explore computer science concepts and expand their coding skills by working in the Greenfoot development environment and will have the opportunity to independently produce their own ideas and code.



Practical Arts

The practical arts program offer students opportunities to acquire beneficial skills used for daily living regardless of career direction. Students will learn hands-on skills for life providing a solid foundation for transition into post-secondary training as well as the workplace. Apprenticeship opportunities in carpentry, cabinetry and finish carpentry, as well as university programs in architecture, design and engineering are some of the many career paths students from the woodworking program have pursued.

Graphic Communication Technology 20G

Course code	GCT20G	Prerequisite	
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The course will acquaint students with basic design principles used within the graphic art/design industry. These principles are common to design and will build a foundation for students to further understanding why the human eye finds specific attributes in a graphic design message more attractive than others. Using Apple OS, Adobe Creative Suite and specific design criteria, students will manipulate images and create logo solutions for common design problems found within the graphic arts industry.

Graphic Communication Technology 30S

Course code	GCT30S	Prerequisite	GCT20G
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This intermediate course is built upon foundations learned in GCT20G and further develops creative thought and technical ability within this discipline. Through a series of projects emphasizing print media, students will create design pieces demonstrating correct use of elements and principles of design. Using Adobe students will be creating design pieces to be used within a digital Adobe Creative Suite, students will provide solutions to problems common to those challenged by designers within the graphic design industry. Each student will create an art portfolio exhibiting the skills and knowledge acquired to this point of their young design career.

Applied Graphic Technology 40S

Course code	GCT40S	Prerequisite	GCT30S
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This advanced course will expand the skills acquired in Graphics Communication Technology 30S and encourage students to continue to build their personal design portfolios. The course is based on assignments focused on creative design and illustration in graphic technology. Incorporating a video component, students will create a digital art portfolio emphasizing creative growth and accomplishments, showcasing personal triumphs and challenges over the art career.



Woodwork Technology 20G

Course code	WOOD20G	Prerequisite	
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This introductory course will provide an opportunity to explore the fundamentals of woodworking. Students will be exposed to a variety of modules of study, including shop safety, introductory design and planning, hand and power tools, wood joinery and its applications and finishing techniques. During the course of study, students will be expected to use the above-learned skills to analyze and solve the many challenges that will go into the construction of both major and minor projects completed in the shop.

Woodwork Technology 30S

Course code	WOOD30S	Prerequisite	WOOD20G
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This intermediate course is a direct extension of the 20G program. Whereas students will now be familiar with the basic fundamentals of woodworking, this program is intended to give students a taste of more advanced woodworking joinery and finishing techniques. Cabinetry will be an important focus of this course. Along with the advanced machine techniques, students will be instructed in the use and care of basic hand tools available to most home shops.

Woodwork Technology 40S

Course code	WOOD40S	Prerequisite	WOOD30S
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This advanced course is a direct extension of the 30S Woodworking course. Students will explore advanced design fundamentals, advanced furniture and cabinet construction and basic construction technology. As well, students will explore careers in woodworking through various topics of study. Along with a variety of woodworking skills, when completed, students will also have the knowledge required to design a functional home workshop. As with the 20 and 30 level courses, students will be expected to continue developing techniques to analyze and problem-solve situations as they relate to woodworking and basic construction.



Human Ecology

Human Ecology education provides students with opportunities for solving problems, designing, performing essential life skills, constructing products, and addressing current trends and issues; to create practical solutions to problems—individually or in groups— to develop technical skills, knowledge, and attitudes.

Human Ecology enables students to explore their ideas, gain practical experiences, and work through thinking processes in a safe and supportive environment.

Food and Nutrition 15S

Course code 0.5 credit	FN15S	Prerequisite	
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This introductory course focuses on basic introductory level kitchen skill acquisition. Kitchen safety and sanitation, health and wellness are unit topics. Planning and preparing nutritious meal items takes place during the lab section of the course. Note: This course is for Grade 9 students only.

Food and Nutrition 25S

Course code 0.5 credit	FN25S	Prerequisite	
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This introductory course focuses on the individual and how food customs, fitness levels, nutritional needs and consumer behaviour influence food selection. Choosing the appropriate foods to meet lifestyle needs and developing skills in planning and preparing nutritious foods are integral parts of the course.

Food and Nutrition 30S

Course code	FN30S	Prerequisite	
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In this intermediate course, food choices, fitness levels and nutritional needs are examined. Contemporary, ethnic and Canadian foods are studied and presented as regional specialties in the food lab. Study of lifestyle diseases and nutrient deficiencies are integral parts of the course.

Food and Nutrition 40S

Course code	FN40S	Prerequisite	FN25G or FN30S
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This advanced course is designed to provide information about food and nutrition that can be used in everyday life. Topics studied are related to health, current trends, technological developments and careers. Lab work consists of the study and preparation of foods from different countries.



Family Studies

Family Studies 15S

Course code 0.5 credit	FS15S	Prerequisite	
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This introductory class explores adolescent development from the perspective of the adolescent student. Topics include building skills and knowledge in developing positive relationships to enhance personal health and wellness within the context of their own family dynamics and the community in which they live.

Family Studies 25S

Course code 0.5 credit	FS25S	Prerequisite	
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This introductory course focuses on the skills and knowledge parents and caregivers need, with emphasis on maternal health, pregnancy, birth, and the early years of human development. Students will learn about the developmental needs, effective care, and guidance of young children. The development of these skills and knowledge will enhance their overall well-being now as adolescents and in the future as parents and caregivers. This course is a theory based course with a simulated baby (BTIO).

Family Studies 35S

Course code 0.5 credit	FS35S	Prerequisite	FS25S and a completed Child Abuse Registry check.
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This course focuses on the skills and knowledge parents and caregivers need, with emphasis on the early years of human development. Students will learn about developmental needs, effective care, and guidance of young children. The development of these skills and knowledge will enhance their overall well-being now as adolescents and in the future as parents and caregivers. A large portion of this class is centered on direct practical experience in VMC Nursery School or a similar student practicum placement. Students both supervise and plan activities for the children.

Family Studies 30S

Course code	FS30S	Prerequisite	FS35S Strongly Recommended
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This course focuses on children and adolescents' relationships within their families. Students will learn about developmental needs, effective care, and positive interactions with children/adolescents. The skills and knowledge that students gain will provide them the opportunity to make informed decisions related to parenting, relationships, and families. This course is for students who have a specific desire to build upon the foundation set out in Preschool Techniques (FS35). Student teachers create their own lessons and activities for the neighborhood children who attend VMC Nursery School (a similar student practicum placement).

Family Studies 40S

Course code	FS40S	Prerequisite	FS15S or FS25S Strongly Recommended
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This advanced course is for students seeking to understand themselves (adolescent development, personal development, relationships and life decisions) and their family situations (planning a family, diversity in families, aging). The best way to make wise decisions about life is to be knowledgeable. Through research, guest presentations, journals, discussion, group and written assignments, volunteering or the RealCare baby simulator, students will have the opportunity to examine relationships and future choices.



Commercial Studies

Commercial Studies are about the business and professional worlds. These include hands-on financial and entrepreneurial experiences. Students will engage in relevant sales, marketing, and promotion. If you are seeking to pursue a pathway to the Asper School of Business, Red River College or you want to start your own business, then Commercial Studies are right for you.

Business Innovations 10S

Course code	BUSINN20S	Prerequisite	
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This introductory course provides the students the opportunity to explore commerce related topics, such as retailing, entrepreneurship, marketing, finance, business communication skills and ethics, trends, technology and sustainability in business. Throughout the course, students will be involved in hands-on business projects, simulations and develop an awareness of the impact culture and diversity have on business. This course is a great introduction to all of the other courses offered in the applied commerce education subject area.

Personal Finance 20S

Course code	PERFIN20S	Prerequisite	
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This introductory course to the world of finances will focus on the development of fundamental financial literacy skills, including the value and management of money, basic economics, budgeting, saving, financial institution options, credit and calculating taxes. This course is especially relevant to high school students, since they are entering the workforce and are considering future purchases that require financial planning, such as buying a car, house, traveling, investing or pursuing post-secondary education. Practical, hands-on projects are key aspects of this course. Students will create their own "Funny Money", buy stocks and bonds on the stock market (educational only). Since financial literacy is a life skill, this course is a great option for ALL students.

Creative Promotions 20S

Course code	CRPROM20S	Prerequisite	
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This introductory course provides students with an understanding of promotional communication from both a theoretical and a practical approach. This course focuses on advertising strategies, direct marketing, personal selling, sales promotions and public relations. Students will apply these concepts to design a variety of promotional and advertising material, such as digital media and print messages. Creative Promotions is a course designed for students to gain business knowledge regarding effective brand, company and message communication in a creative, yet logical, thoughtful way.

Social Media Retailing Perspectives 30S

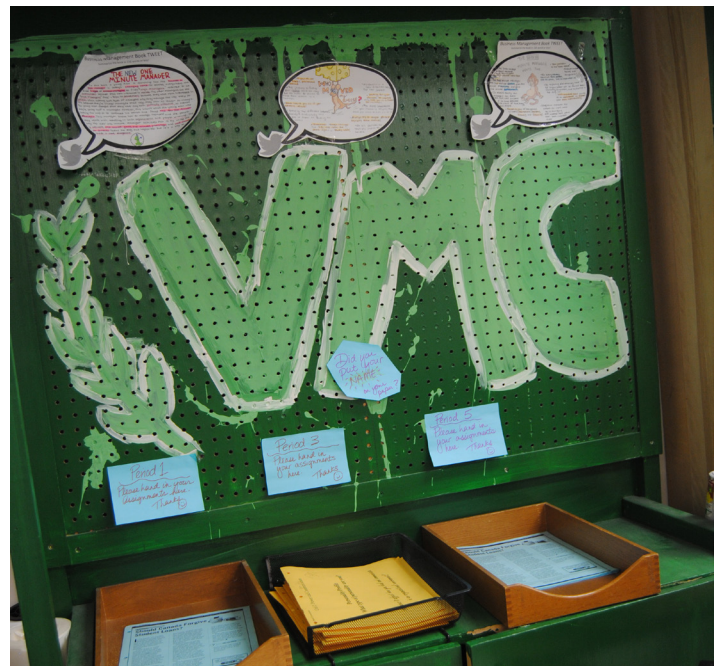
Course code	RETPER30S	Prerequisite	A previous commerce course
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Traditional retailing has changed. Yes, the 'box' stores still exist, the 'mom and pop' stores are still on the corners, but the modern world of retailing has changed dramatically in the last five years. Now, retailing is online. Did you know that you see around 10,000 ads every day? In this course, we will go through a history of retailing and then discuss how it has changed and what the future may look like. Come be a part of the exploration of the NEW, MODERN SOCIAL MEDIA RETAILING discussion. This is a project-based course where you will explore topics and trends of interest to you in the area of retailing social media and marketing presence and concepts.

Accounting Essentials 30S

Course code	ACCESS30S	Prerequisite	
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This introductory course will expose students to the financial principles and practices important for personal and business uses. Budgeting and personal finance will also be explored. Students will explore the steps involved in an accounting cycle; prepare financial statements required by various sources involved in the operation of a small business. Students will use a computerized accounting program and Excel spreadsheets to prepare these statements and schedules. This a very practical course to take and an excellent life and work skill to develop.



Business Management 40S

Course code	BUSMG-MT40S	Prerequisite	
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This advanced course focuses on developing or honing in on skills in planning, leading, organizing, controlling and staffing. Students will study various management styles by analyzing effective leaders both in the business world and in life. Students will participate in activities related to human resources inventory, finance and project management. This course is a great Grade 12 option for students with strong leadership, mentorship and organizational skills as you will be planning and running your very own school or community event.

Economic Principles 40S

Course code	ECOPRIN40S	Prerequisite	
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This advanced course focuses on both microeconomic and macroeconomic principles including systems and structures, supply and demand, market influences, the global market and decision making related to economic factors. This course is designed for students wanting to learn more about how the economy impacts their personal and business decisions. This is an excellent course for students interested in pursuing post-secondary studies in the area of business, accounting or economics but would benefit all because we're all part of our economic system.

Topics and Trends in Business 40S

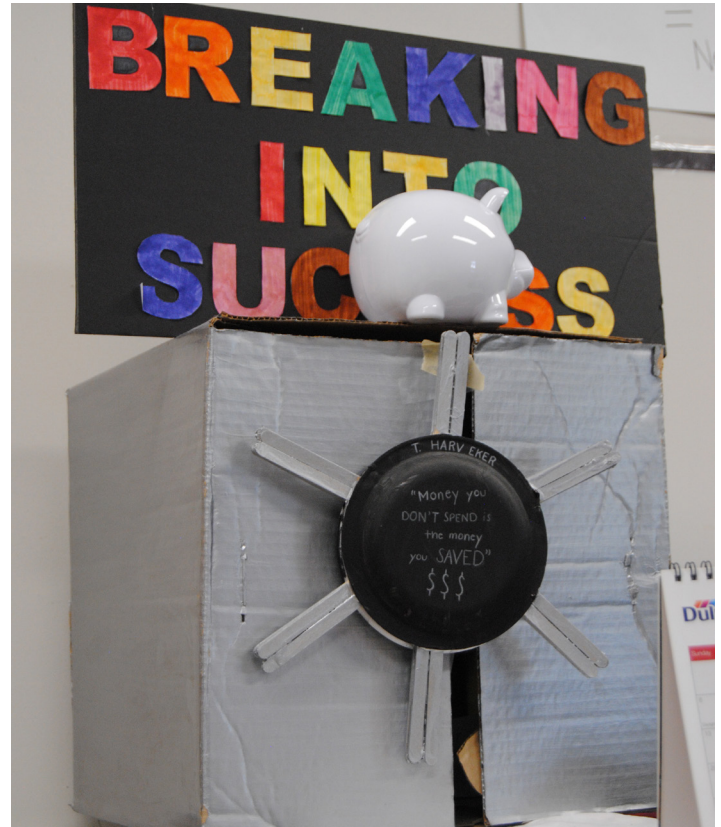
Course code	TOPBUS40S	Prerequisite	PERFIN20S
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This course is for students who have already taken Personal Finance 20S and are interested in delving more deeply into the world of Personal Finance. Specifically they will explore more in-depth topics of the stock market, mental success thinking associated with finances, budgeting, banks/credit unions, and mortgages. This course is an inquiry-based learning model to allow students to explore current and emerging topics, trends and opportunities related to business at a local, national or global level. Students will design, recommend and/or implement an action plan based on their inquiry findings. This course is designed to allow students to focus on issues in Personal Finance which they are passionate about.

Accounting Systems 40S

Course code	ACCSYS40S	Prerequisite	ACESS30S
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This intermediate course is a continuation of the Accounting Principles 30S course. This advanced course will provide the student with knowledge and skills required to analyze financial statements, work with inventory valuations, entries related to depreciation and the steps necessary to close out a financial year. Simply Accounting, a software package for small business enterprises will also be used. Valuable budgeting and personal finance will be explored so that important life skills can also be developed.



Career Development

Students enrolled in these courses will gain the necessary skills to research careers, assess their own strengths and skills, set post-secondary goals, and be successful in a job search. Some of these courses also allow for students to gain on-the-job training while experiencing a career of interest. These courses will empower the students to make positive choices for the future. In registering for a Life/Work credit students will have the opportunity to earn an additional credit through their own part-time employment or to complete a career internship.

Life/Work Exploration 10S

Course code	LWE10S	Prerequisite	
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This introductory course provides students with an overview of career development skills with an emphasis on building positive self-esteem, exploring self-assessment, locating work information, and reflecting upon course and program choices. In this program, students will explore a wide range of occupations, focusing on the effect of educational and career goals on lifestyle. We will learn through guest speakers, in-class discussion and on-line resources.

Life/Work Planning 20S

Course code	LWP20S	Prerequisite	
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In this introductory course, students will gain an understanding of the skills needed for success in work, learning, and life. There is a greater emphasis on communication skills, career information, work trends, self-assessment, matching personal skills to occupations, stereotyping and discrimination in the workplace, and work-search tools including resumes and interview skills. Students will gain the confidence and tools needed to pursue employment opportunities. We will learn through guest speakers, in-class discussion and on-line resources.

Life/Work Building 30S or Life/Work Transitions 30S/40S

Course code	LWB30S or LWB40S	Prerequisite	LWE10S or LWP20S
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This program explores the students' transition between the school environment and the workplace. The students will learn about basic skills needed for work and job search tools. This course requires students to go to their work sites for their scheduled hours. Both components of theory and practicum must be completed in order to obtain the credit. Life/Work Building 30S will complete up to 40 hours at the workplace. Life/Work Transitions 40S will complete up to 65 hours at the workplace.

Credit for Employment

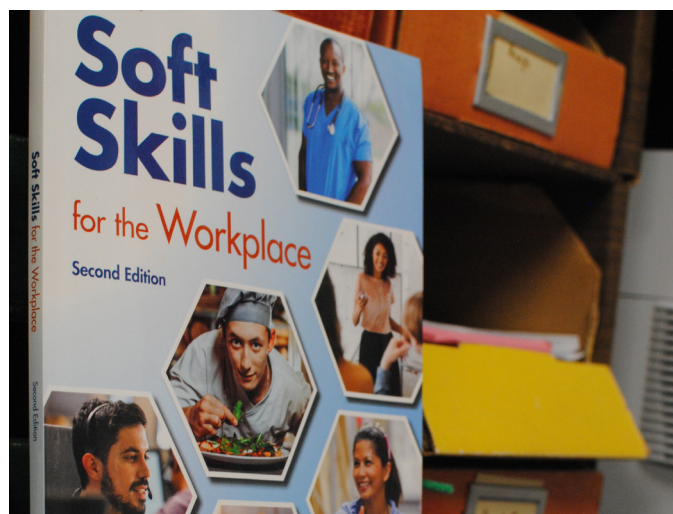
Course code	CFE35G CFE45G	Prerequisite	Registration in/ successful completion of any Life/Work course. Minimum age of 16.
0.5 credit			
1.0 credit	CFE30G CFE40G		

Through their own paid, part-time employment, students will have an opportunity to apply and refine the knowledge and skills acquired in the Career Development Life/ Work courses. This course is completed independently from school programming and the students are responsible for securing their job. Students must complete the necessary paperwork through the Student Services Department before earning hours toward this credit. A maximum of 2 credits may be earned.

Career Development Internship Credit

Course code	CDI35G CDI45G	Prerequisite	Registration in/ successful completion of any Life/Work course. Minimum age of 16.
0.5 credit			
1.0 credit	CDI30G CDI40G		

The knowledge, skills and attitudes acquired through an internship can increase students' competence and confidence, provide more awareness of the expectations of a profession, the employment opportunities, as well as the education and training requirements. Internships are closely aligned to students' particular professions of interest. A maximum of 2 credits may be earned. Students must register through the Student Services Department for this credit.



**ENGLISH
LANGUAGE
ARTS**

English is a compulsory course each year of high school. The English program is designed to provide the study of language and various types of text. All English Language Arts (ELA) programs will deal in varying degrees with the following types of language:

- **Literary Language:** includes forms of communication intended to stimulate emotions and imagination, provide aesthetic pleasure, reveal truth about human nature, and cultivate universal moral values. Literary materials include novels, short stories, plays, films, poetry, articles, and biographies.
- **Transactional Language:** is defined as language to get things done: to inform, advise, persuade or instruct people; Transactional materials include essays, letters, articles, podcasts, speeches, book reviews, and summaries.
- **Technical Language:** is a part of transactional language specifically related to areas such as science, engineering and industry. Technical materials include manuals, instructions, surveys, and a wide range of reports. Technical writing involves communication for practical and educational purposes.

English Language Arts 10F

Course code	ELA10F	Prerequisite	
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This introductory course focuses on the acquisition of language and literacy skills through listening, speaking, viewing, and representing, as well as reading and writing. In keeping with the literacy demands placed on them, students now learn to read and produce a wide range of texts.

English 20F

Course code	ELA20F	Prerequisite	ELA10F
Honours	ELA20FH		

This foundational course examines many types of text and language and experience many different points of view. Individual and group work help students interpret and respond to texts using different forms.

English Comprehensive Focus 30S

Course code	ELACF30S	Prerequisite	ELA20F
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This intermediate course looks equally at literary and transactional texts and a balance of practical or analytical and creative responses to them.

English Literary Focus 30S

Course code	ELALF30S	Prerequisite	ELA20F/FH
Honours	ELALF30SH		

This intermediate course focuses on literary texts in a variety of genres, with a growing emphasis on the art and craft of writing. Students will read, discuss, and interpret literature and will write both creative and analytical texts in response.

English Transactional Focus 30S

Course code	ELATF30S	Prerequisite	ELA20F/FH
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This intermediate course focuses on reading and writing non-literary texts, journalistic forms and creative non-fiction, but includes some literary texts as well.

English Comprehensive Focus 40S

Course code	ELACF40S	Prerequisite	ELA30S
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This Grade 12 course builds on experiences in ELACF30S, but any student who has completed a Grade 11 focus course may register for this course. Students look equally at literary and non-literary texts and a balance of practical or analytical versus creative responses to them.

English Literary Focus 40S

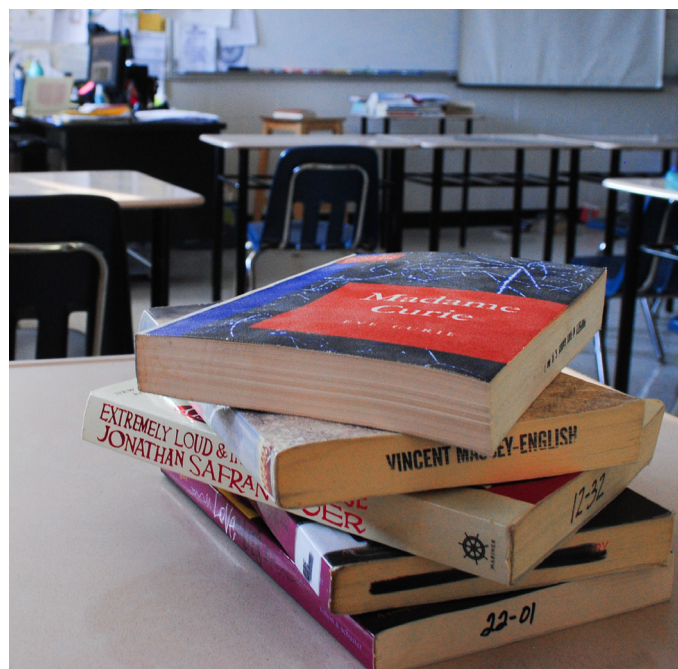
Course code	ELALF40S	Prerequisite	ELA30S/SH
Honours	ELALF40SH		

This Grade 12 course builds on experiences in ELALF30S but any student who has completed a Grade 11 focus course may register for this course. Students focus on literary texts and creative responses to them.

English Transactional Focus 40S

Course code	ELATF40S	Prerequisite	ELA30S
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This Grade 12 course builds on experiences in ELATF30S, but any student who has completed a Grade 11 focus course may register for this course. Nonfiction reading and writing are emphasized. Research skills and using technology are some activities students will explore.



Optional Courses

The following Grade 12 English optional courses are not mandatory; however, these courses provide essential skills for those continuing on to post-secondary studies.

English Language and Literary Forms 40S

Course code	ELALL40S	Prerequisite	ELA30S
Honours	ELALL40SH		

This course explores a variety of literary genres and helps to familiarize students with many of the current critical approaches that are used in the study of literature at the university level, as well as developing the fundamentals of academic research and writing. There is no final exam for this course; instead, students choose a topic of personal interest for a final literary research essay. This course prepares students for the types of reading and research that are required in any field of study, but especially for studies in English, History, Psychology, Political Science, or the Humanities in general.

English Language and Technical Communication 40S

Course code	ELATC40S	Prerequisite	ELA30S
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This course covers practical approaches to communication and academic writing to improve clarity and accuracy in students' everyday communication, as well as to ensure success at university/college. This course is an asset to anyone, but may be of particular interest to those interested in studies in Medicine, Business, Education, and Engineering. There is no final exam; instead, students will choose a research topic of their choice. This course will familiarize students with the types of formatting and writing expected in university.

Cinema as a Witness to Modern History 40S

Course code	CWMH40S	Prerequisite	
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This course will engage students in an exploration of the connections among cinema as an art form, cinema as a product of history, and cinema as an interpreter of history. Students will respond to and discuss the aesthetic and emotional elements of cinema and will apply historical thinking concepts to the analysis of themes as represented in various films studied. Throughout the course, students will apply critical media literacy skills in order to understand that film does not simply reflect the past, but interprets and retells the past and, at times, reconstructs it. Throughout the course, students will engage in guided viewing, write film critiques that show evidence of historical thinking and critical media literacy, and conduct historical research to evaluate and reflect on representations of history in film. This course fulfills an option credit for those with interest in ELA and fulfills an option credit for those with an interest in History.

English Language and Transactional Forms: Journalism 40S

Course code	ELATR40S	Prerequisite	ELA30S
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This course is designed for students interested in studies in Journalism, Business, and Arts. Transactional language is the language used in media, academics and business. This course focuses on examining and creating a variety of forms such as feature articles, academic writing, biographies, and photo essays. There is no final exam; instead, students will focus inquiry on a topic of their choice. This course will familiarize students with the types of formatting and writing expected in university.

University of Winnipeg English 42U

Course code	UELA42U	Prerequisite	ELA40S
1.0 or 2.0 credits			

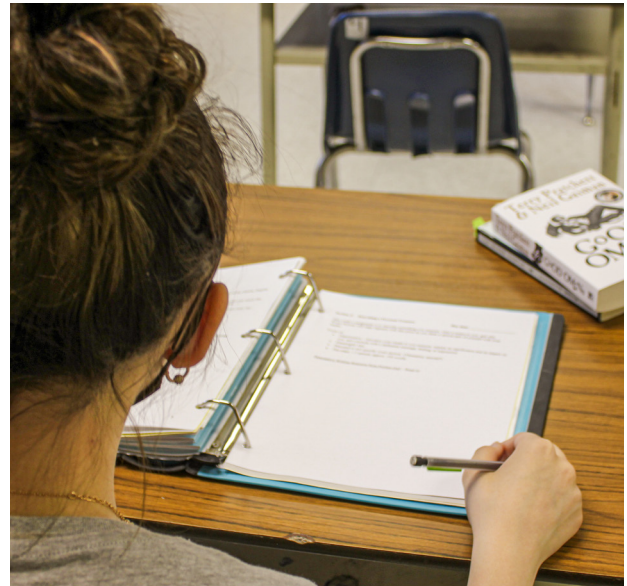
This course is designed for students who have completed the Honours English program, although any students who have completed Grade 12 ELA by the end of Grade 11 may take this course, which fulfills the first year requirements for university English. Credit can be transferred to another university if students do not plan to attend U of W. Students may also choose to have their credit in this course applied to their high school transcript as a dual credit. Students are required to pay the University of Winnipeg a tuition/application fee of \$420. (Subject to change)

College Board English: Advanced Placement English/Literature 42S

Course code	LIT42S	Prerequisite	ELA40S ELALF40S
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This Advanced Placement course is a full-credit university level English course that engages readers in close reading and critical analysis of imaginative literature; this is the type of reading and analysis required of post-secondary students. Close reading also deepens student understanding of how language is used to provide meaning. Students will also receive specific preparation for the AP College Board English exam. Successful completion of the course earns students a high school credit at the grade 12 level as well as the possibility of a university credit. This course is scheduled in the second semester for those who have completed their ELA 40S Focus course - ideally, Literary Focus (ELALF40S). The cost to write the College Board AP exam is \$100.

Optional Courses



Public Speaking 30S and 40S

Course code	PUBSP30S and PUBSP40S	Prerequisite	
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This course will enhance students' speech skills through performance and as critical audience members modeling our diverse society. A wide variety of readings, performance, and class work will centre on the development and application of skills necessary to speak and listen with a heightened awareness of audience. 30S is a prerequisite for 40S.

English as an Additional Language (EAL) Courses

These courses are specifically designed to meet the needs of students whose first language is not English. Most students have been in Canada less than three years. Our program is designed to provide students with little English language knowledge an opportunity to develop their language skills through an intensive language program. The focus will be to acquire basic interpersonal communication skills through reading, writing, speaking and listening activities. Students are assessed upon arrival and progress through the EAL program at the pace that is most beneficial for each student.

Transitional English 20E

Course code	ELA20E	Prerequisite	
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Materials and expectations are adapted for EAL learners, but a Grade 10 English curriculum is followed. Students must be prepared for reading, writing and the study of literature.

English as an Additional Language 21G

Course code	EAL21G	Prerequisite	
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This is a beginner level course for students of English as an Additional Language. Language use and Canadian culture are emphasized.

English Literature Focus 30E

Course code	ELALF30E	Prerequisite	
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This course provides further English study using materials adapted from provincial curriculum. Emphasis is placed on literacy and working with common themes found in ELA.

English as an Additional Language 31G

Course code	EAL31G	Prerequisite	
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This is a course for EAL students. Emphasis is placed on reading, writing, listening and speaking skills.

English Comprehensive Focus 40E

Course code	ELACF40E	Prerequisite	ELACF30E
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This course provides continued English study for students transitioning to language arts. Emphasis is placed on later stage writing and test preparation.

English as an Additional Language 41G

Course code	EAL41G	Prerequisite	
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This is a course for EAL students continuing to develop their skills. Emphasis is placed on academic transitions.

English Literature Focus 40E

Course code	ELALF40E	Prerequisite	ELALF30E
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As an extension to ELALF30E, this course also provides further English study using materials adapted from provincial curriculum. Emphasis is placed on literacy and working with common themes found in ELA.

English for Academic Success 40S

Course code	EALAS40S	Prerequisite	
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This is an academic preparation course for EAL students entering university. Emphasis is placed on advanced reading, writing and presentation/discussion skills. A component of this course incorporates common university English entrance exam preparation.

**FRENCH
LANGUAGE
ARTS**

FRANÇAIS

Français 10F, 20F, 30S, and 40S courses (French Language Arts) provide students with the opportunity to broaden and deepen their skills in oral and written comprehension, speaking and writing. This language proficiency will allow students to use French in various context, both academic and social. These are required courses for those students in French Immersion.

Français 10F

FI Course code	XFR10F	Prerequisite	Gr 8 French Immersion
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This introductory course will help students develop their skills in a second language through guided projects targeting oral and written comprehension and productions. Students will focus on developing strategies for planning and managing their newly developed abilities.

Français Langue et Communication 30S

FI Course code	XFRCL30S	Prerequisite	XFR20F
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In this course, students are asked to refine their perspective on various topics and explain analytical and argumentative reasoning according to the rules of these types of communications. The course pays special attention to the characteristics of media communication.

Français 20F

FI Course code	XFR20F	Prerequisite	XFR10F
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In this course, students are asked to continue their acquisition of the French language by exploring a variety of texts to better understand their formats and structures.

Français Langue et Communication 40S

FI Course code	XFRCL40S	Prerequisite	XFRCL30S
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In this course, students are expected to exercise their critical thinking on various topics and to clarify an argumentative reasoning according to the rules of these types of communications.



LANGUAGES

LES LANGUES

French (non Immersion)

French: Communication & Culture 20F

Course code	FCC20F	Prerequisite	FCC10F
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Students will develop basic grammar skills, expand their vocabulary and develop an appreciation of French culture. Students will speak French more independently (with some pauses, reformulations and self-corrections). A variety of classroom activities will be experienced in order to acquire the necessary French skills. Topics covered may include: first jobs, self-identity, world events and urban legends.

French: Communication & Culture 30S

Course code	FCC30S	Prerequisite	FCC20F
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In this intermediate course, students will build on the vocabulary, grammar, and language learning strategies they have acquired. Students will participate in increasingly complex, spontaneous, and sustained conversations related to their personal lives, as well as to social and to global issues. Language and cultural proficiency will continue to be developed through participation in a variety of activities. Topics may include: the Francophone world, media, music, and relationships.

French: Communication & Culture 40S

Course code	FCC40S	Prerequisite	FCC30S
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The aim of this advanced course is to further develop skills in comprehension, speaking, reading and writing in French. Students will use their language strategies to communicate their own ideas and opinions. Students will continue to use verb tenses and moods appropriate to the context. They will speak French with a certain sophistication, confidence, and independence. More challenging texts will be presented. This course will prepare students for post-secondary studies and the skills needed for basic communication in a French environment.

Japanese

Japanese is an integrated 3-credit program designed for beginners. The course centers on communication and cultural understanding acquired through classroom activities and independent study.

Japanese 20G

Course code	JPN20G	Prerequisite	
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This entry level course uses the day-to-day life of Japan to help students acquire basic communication skills and cultural understanding. Students will be able to write hiragana and katakana scripts, as well as up to 20 kanji characters. Students learn to communicate at a basic level in speaking, listening, reading and writing.

Japanese 30S

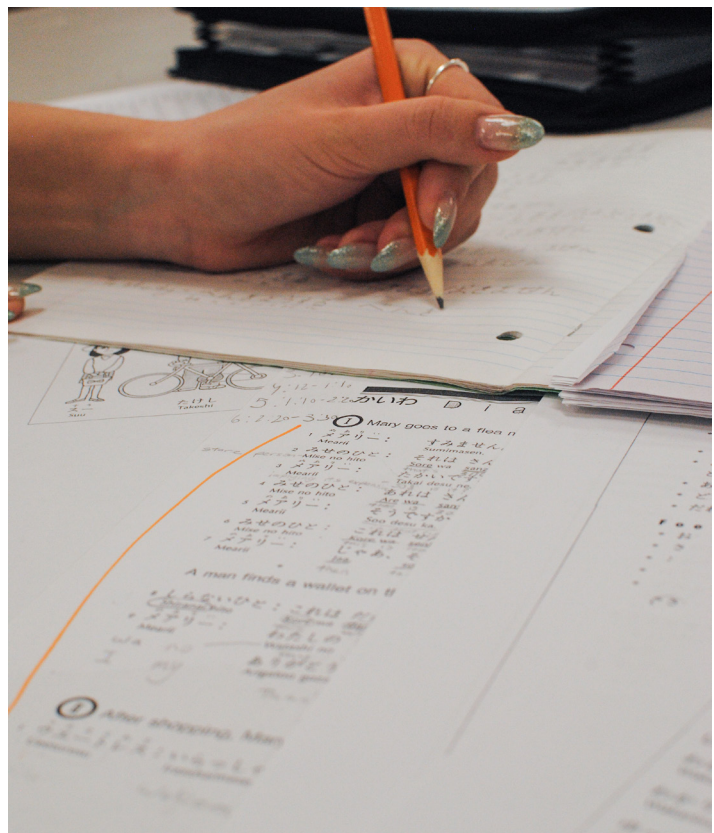
Course code	JPN30S	Prerequisite	JPN20G
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Japanese 30S is a continuation of Japanese 20G. It focuses on increasing the student's ability to communicate. Cultural activities are incorporated into the course. Students will be introduced to 100 kanji characters.

Japanese 40S

Course code	JPN40S	Prerequisite	JPN30S
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Japanese 40S is a continuation of the skills introduced in both Japanese 20G and 30S. It is designed to increase the student's awareness of Japan and to provide increased skill in communication in Japanese.



Spanish

Level I Beginner Spanish 20F

Course code	SPA(3Y)20F	Prerequisite	
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Espagnol pour débutants I 10F

FI course code	XESP(4Y)10F	Prerequisite	
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This beginner course is a prerequisite for the other Spanish courses offered in Grades 10-12. Students will work on developing proper pronunciation and intonation while using an appropriate and practical vocabulary. Students will also be exposed to various Spanish cultures and communities around the world. The XESP designated course will be taught in Spanish with French as a supporting language. The SPA designated course will be taught using English as the supporting language.

Level II Beginner Spanish 30S

Course code	SPA(3Y)30S	Prerequisite	SPA(3Y)20F
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Espagnol pour débutants II 20F

FI course code	XESP(4Y)20F	Prerequisite	XESP(4Y)10F
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Level 2 Spanish/Espagnol II is a continuation of Level 1 Beginner Spanish/Espagnol and focuses on expanding student vocabulary and the knowledge of language structure. Topics include daily routines, sports, food/restaurant, Spanish and Latin-American geography, culture and traditions. Grammar study focuses on the present, present progressive tenses and introduces the past tense, object pronouns, reflexive verbs and expressions of obligation and desire.

Level III Intermediate Spanish 40S

Course code	SPA(3Y)40S	Prerequisite	SPA(3Y)30S
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Espagnol intermédiaire 30S

FI course code	XESP(4Y)30S	Prerequisite	XESP(4Y)20F
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This intermediate Spanish course develops language skills at a higher level, especially regarding oral comprehension and fluency. Topics include cultural exploration projects, the environment, idiomatic expressions as well as an introduction to Hispanic literature, music and cinema. Grammar study focuses on using prepositions, correct syntax, the past, imperative and future tenses.

Level IIII Advanced Spanish 40S

Course code	SPA(4Y)40S	Prerequisite	SPA(3Y)40S
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Espagnol Avancé 40S

FI course code	XESP(4Y)40S	Prerequisite	XESP(4Y)30S
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This advanced Spanish course is a continuation of Level 3 Spanish and develops language skills at a high level. Topics include descriptions, relationships, news/current affairs, art, home, Hispanic culture, literature, music and cinema. Grammar study focuses on the uses of pronouns and the subjunctive, conditional, future and past tenses.

College Board Advanced Placement

Spanish Language and Culture 42S

Course code	SPA42S	Prerequisite	SPA340S or XESP30S
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AP Spanish Language and Culture is a university level course. Taking a holistic approach to language proficiency, students learn language structures in context and use them to convey meaning, with a focus on function and communication where both fluency and accuracy in language use are promoted. It engages students in exploration of contemporary and historical culture and develops students' awareness and appreciation of the products, practices and perspectives that characterize Hispanic cultures. The course will enable students to earn the equivalent of a first year university credit in Spanish as well as a high school credit in Spanish Language and Culture 42S. The course will be taught using Spanish as the language of communication with a minimum of English or French as supporting languages. The cost to write the College Board AP exam is \$100.



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MATHEMATICS

MATHÉMATIQUES

Mathematics

In an effort to assist with students' choices of Mathematics courses, we encourage students to speak with their current Mathematics teacher to help with recommendations based on their previous grades. It is our experience that students who follow these recommendations achieve success.

The chart below outlines the basic pathway for mathematics in high school. The course pathway for honours Math is outlined on page 9.

Grade 9	Mathématiques 10F (XMAT10F)		
Grade 10	Essentials Mathematics 20S (MES20S/XMQU20S)	Introduction to Applied and Pre-Calculus Mathematics 20S (MIAP20S/XMIAP20S)	
Grade 11	Essentials Mathematics 30S (MES30S/XMQU30S)	Applied Mathematics 30S (MAP30S/XMAP30S)	Pre-Calculus Mathematics 30S (MPC30S/XMPC30S)
Grade 12	Essentials Mathematics 40S (MES40S/XMQU40S)	Applied Mathematics 40S (MAPC40S/XMAP40S)	Pre-Calculus Mathematics 40S (MPC40S/MPC40S)

Mathématiques 10F

FI course code	XMAT10F	Prerequisite	
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The Grade 9 mathematics course will help students develop their conceptual knowledge and basic skills that will prove useful in Grade 10. Topics include: powers, rational numbers, linear equations, geometry, measurements and algebra.

Essentials Mathematics 20S

Course code	MES20S	Prerequisite	Math 10F
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Mathématiques au Quotidien 20S

FI course code	XMQU20S	Prerequisite	XMAT10F
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This introductory course is intended for students whose post-secondary planning does not include a focus on mathematics and science-related fields. Grade 10 Essential Mathematics emphasizes consumer applications, problem solving, decision making and spatial sense. Topics include recreational mathematics and games, problem analysis, personal finance and consumer decisions, geometry, trigonometry and measurement. This course is recommended for students with a mark of 70% or lower in Grade 9 mathematics.

Introduction to Applied and Pre-Calculus Mathematics 20S

Course code	MIAP20S	Prerequisite	Math 10F
Honours	MIAP20SH		

Introduction aux Mathématiques Appliquées et Pré-Calcul 20S

FI course code	XMIAP20S	Prerequisite	XMAT10F
Avancé	XMIAP20SA		

This introductory course is a very challenging course, developed to prepare students planning on taking either Pre-Calculus or Applied Mathematics in Grades 11 and 12. Topics include Linear Modeling, Graphing and Functions, Number Sense, Measurement and Trigonometry, Algebra and Polynomials, Coordinate Geometry and Surface Area and Volume. This course is recommended for students with a mark of 70% or higher in Grade 9 mathematics.

Essentials Mathematics 30S

Course code	MES30S	Prerequisite	MES20S
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Mathématiques au Quotidien 30S

FI course code	XMQU30S	Prerequisite	XMQU20S
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This intermediate course is intended for students whose post-secondary planning does not include a focus on mathematics and science-related fields. Grade 11 Essential Mathematics emphasizes consumer applications, problem solving, decision making, and spatial sense. Topics include: Analysis of Games and Numbers, Interest and Credit, Managing Money, 3-D Geometry, Relations and Patterns, Statistics, Trigonometry, and Design Modeling.

Applied Mathematics 30S

Course code	MAP30S	Prerequisite	MIAP20S
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Mathématiques Appliquées 30S

FI course code	XMAP30S	Prerequisite	XMIAP20S
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This intermediate course uses technology. Strong algebra and computation skills are required. Grade 11 Applied Mathematics is intended for students considering post-secondary studies that do not require a study of theoretical calculus. Topics include: Measurement, Geometry, Logical Reasoning, Statistics, and Relations and Functions. Additionally, students will complete a Mathematics Research Project. This course is intended for students with a mark of 70% or higher in MIAP20S.

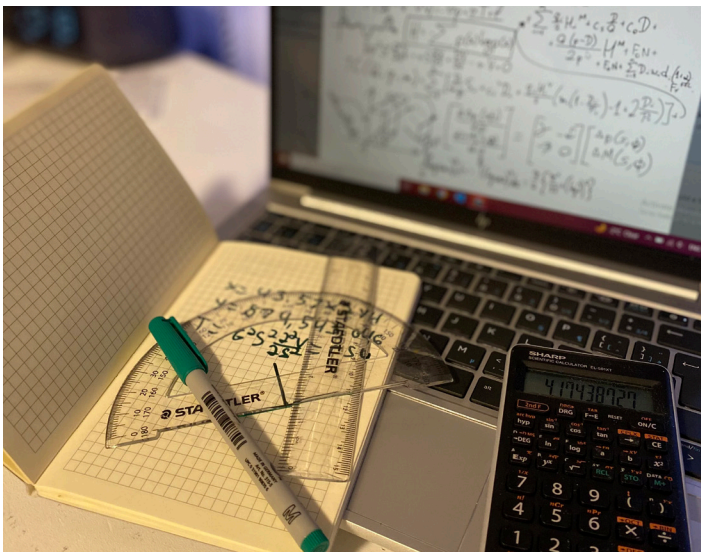
Pre-Calculus Mathematics 30S

Course code	MPC30S	Prerequisite	MIAP20S/SH
Honours	MPC30SH		

Mathématiques Pré-Calcul 30S

FI course code	XMPC30S	Prerequisite	XMIAP20S/SA
Avancé	XMPC30SA		

This intermediate course is designed for students who intend to study Calculus and related mathematics as part of post-secondary education. The course comprises a high-level study of theoretical mathematics with an emphasis on problem solving and mental mathematics. Topics include the study of Quadratic Functions, Trigonometry, Algebra, and Reciprocal Functions. This course is intended for students with a mark of 80% or higher in Introduction to Applied and Pre-Calculus Mathematics 20S MIAP20S.



Essentials Mathematics 40S

Course code	MES40S	Prerequisite	MES30S
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Mathématiques au Quotidien 40S

FI course code	XMQU40S	Prerequisite	XMQU30S
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This advanced course is intended for students whose post-secondary planning does not include a focus on mathematics and science related fields. MES40S emphasizes consumer applications, problem solving, decision making, as well as number understanding and use. Topics include problem analysis, analysis of games and numbers, personal finance, probability, measurement, geometry and trigonometry, owning and operating vehicles and statistics.

Applied Mathematics 40S

Course code	MAP40S	Prerequisite	MAP30S or MPC30S
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Mathématiques Appliquées 40S

FI course code	XMAP40S	Prerequisite	XMAP30S
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This advanced course is recommended for students who are not planning to take calculus in their post-secondary studies. A graphing calculator or a graphing application and other applications are required in all Applied Mathematics courses. Topics include Personal Finance, Logic and Set Theory, Counting Methods, Probability, Polynomials, Design and Measurement, Exponential And Logarithmic Functions and Sinusoidals.

Pre-Calculus Mathematics 40S

Course code	MPC40S	Prerequisite	MPC30S/SH
Honours	MPC40SH		

Mathématiques Pré-Calcul 40S

FI course code	XMPC40S	Prerequisite	XMPC30S/SA
Avancé	XMPC40SA		

This advanced course is designed for students who intend to study Calculus and related mathematics as part of their post-secondary education. The course combines a high-level study of theoretical mathematics with an emphasis on problem solving and mental mathematics. Topics include the study of Transformations of Functions, Trigonometric Functions, Exponential Functions, Logarithmic Functions, Polynomial Functions, Radical Functions, Rational Functions, and the Binomial Theorem.

Introduction to Calculus 45S

Course Code	MCI45S	Prerequisite	MPC30S/SH XMPC30S/SA
0.5 credit			

This half-credit enrichment course may be taken concurrently with MPC40S/H. It is NOT a substitute for a Mathematics 40S course. Topics include Limits, Derivatives of Algebraic Functions, Implicit Differentiation, Applications of Differentiation, and Integration of Polynomial Functions. This course is available to any student taking MPC40S/H and is strongly recommended for Honours Math students. This course runs every day during the first half of Semester 2.

Advanced Mathematics 45S-I

Course code	MAD45S	Prerequisite	MPC30S/SH XMPC30S/SA
0.5 credit			

This half credit enrichment course may be taken concurrently with MPC40S/H. It is NOT a substitute for a Mathematics 40S course. Topics may include Matrix Algebra, Polar Coordinates and Conic Sections. This course is available to any student taking MPC40S/H and is strongly recommended for Honours Math Students. This course runs every day during the second half of Semester 2.

**University of Winnipeg Calculus/
Advanced Mathematics 45S-II**

Course code	UWCAL42U	Prerequisite	MPC40S/SH XMPC40S/SA
0.5 credit			

Students who have already completed Pre-Calculus Mathematics 40H or 40S (with a recommended mark of 80% or higher) may take first year university calculus through the University of Winnipeg. This course is taught at Vincent Massey and is accepted as a university credit at the University of Winnipeg, the University of Manitoba, and at certain other Canadian universities.

Students are required to pay the University of Winnipeg a tuition/application fee of \$210. (Subject to change)

Calculus topics will include Limits, Differentiation and Applications of Differentiation. Advanced Mathematics II contains topics that are different from the topics in Advanced Mathematics I.

Students who successfully complete this course will obtain a half-credit at the U of W and a half-credit at Vincent Massey.

(3.0 university credit hours/0.5 high school credit)

PHYSICAL
EDUCATION

ÉDUCATION
PHYSIQUE

Course Requirements

Students are required to complete a Physical Education credit for each grade level. Only one option of physical education is offered in Grades 9 and Grade 10.

Grade 11 and 12 - General Phys Ed options

Explanation 75-25 and 50-50 options:

- PE(75)30F is made up of 75% in - school time with 25% out of class activities
- PE(75)40F is made up of 75% in - school time with 25% out of class activities
- PE(50)40F is made up of 50% in - school time with 50% out of class activities . Approval form required with course registration. Students Grade 11 PE teacher must approve.

Grade 11 and 12 - Stream Phys Ed options

In Grade 11 and 12, students are offered a variety of streams to complete the P.E requirements. Students should look at interest and activity level when selecting their stream.

Sports Stream

Sports Stream classes are 100% in class, however field trips and out of class activities will be scheduled to enrich the students experience. Additionally, there is a course fee attached to all Sports Stream classes; Available options Basketball, Volleyball, Football.

Fitness Stream

Fitness Stream classes are offered for Gr. 12 only. They place an emphasis on personal fitness and are enriched with community field trips. Additionally, there is a course fee attached to all Fitness Stream classes.

Outdoor Education Stream

Using the outdoors as a classroom, students will cover the Grade 11/12 PEH curriculum, learning how to live an active and healthy lifestyle. Excursions will be tailored to the seasons. Additionally, there is a course fee attached to this course.

*French Immersion

Grade 11 immersion students will take the XEP30 75/25 option in Grade 12 immersion students will take XEP40 50/50
If taking a sports stream students must replace the Grade 11/12 French credit with another French course to meet their French credit requirement. * Female Fitness and Outdoor Education are offered in both French and English if registration permits

Grade 9	PE10F / XEP10F
Grade 10	PE20F / XEP20F
Grade 11	General - PE(75)30F / XEP(75)30F
	Outdoor Education - PEOE30F
	Basketball - PEBB30F
	Volleyball - PEVB30F
	Football - PEF30F
Grade 12	General - PE(75)40F / XEP(75)40F
	General 50-50 (prerequisite/approval required) - PE(50)40F / XEP(50)40F
	Outdoor Education - PEOE40F/XEPOE40F*
	Basketball - PEBB40F
	Volleyball - PEVB40F
	Football - PEF40F
	Female Fitness - PEFF40F/ XEPFF40F*
	Male Fitness - PEMF40F

SCIENCES

**SCIENCES DE
LA NATURE**

Science courses give students the opportunity to learn how scientists work and how scientific knowledge is obtained. The inquiry approach, in which students learn through experimentation, is used to help students feel the excitement of science.

Sciences de la nature 10F

FI course code	XSCI10F	Prerequisite	Grade 8 science
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Students will use scientific methods such as observation, measurement, inference, classification, prediction, data organization and problem solving. Topics include: reproduction and heredity, electricity, the periodic table and the elements, and the stars and planets.

Science 20E

Course code	SCI20E	Prerequisite	SCI10F
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This course focuses on the same topics as Science 20F but the student resources and teaching materials are chosen to meet the specific English as an Additional Language (EAL) needs of the student. Science 20E is catered to new Canadians and ISP students whose first language is not English, with an extra emphasis on the writing and use of scientific vocabulary.

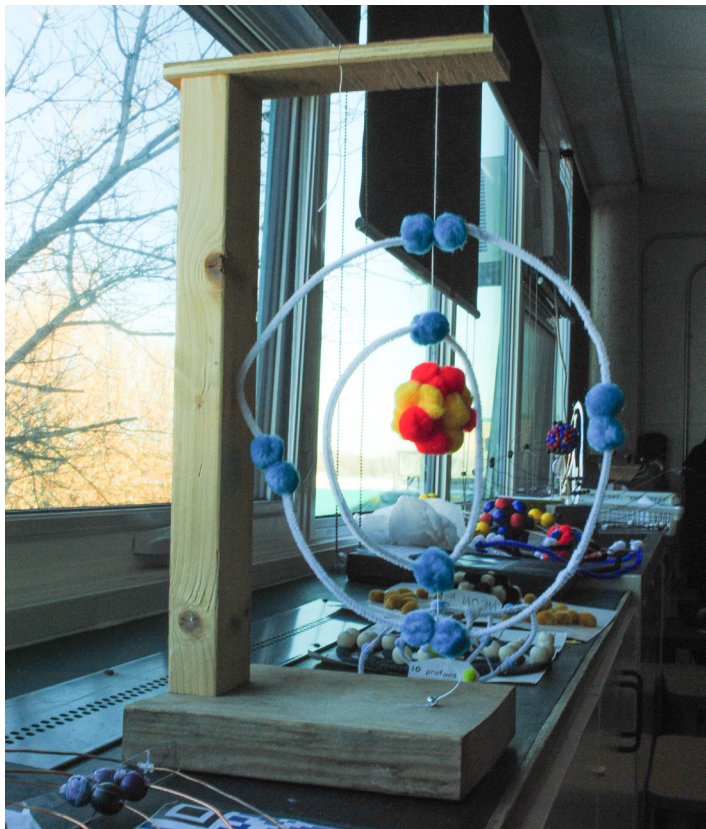
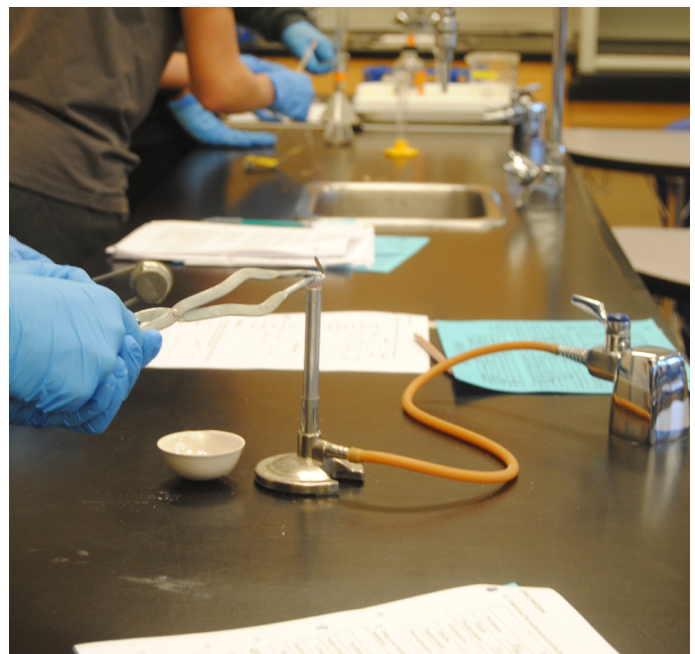
Science 20F

Course code	SCI20F	Prerequisite	Grade 9 Science
Honours	SCI20FH		

Sciences de la nature 20F

FI course code	XSCI20F	Prerequisite	9e Sciences
Avancé	XSCI20FA		

This course offers a balanced survey of motion, ecosystems, chemical reactions and meteorology using a blend of mathematical and descriptive elements.



Optional Courses

Biology 30S

Course code Honours	BIO30S BIO30SH	Prerequisite	SCI20F/FH
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Biologie 30S

FI course code Avancé	XBIO30S XBIO30SA	Prerequisite	XSCI20F/FA
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This course focuses on the anatomy and physiology of human organ systems. Digestive, circulatory, nervous, respiratory and excretory systems are discussed. The honours course makes curricular connections to university level courses, with additional enrichment and hands-on opportunities for students.

Chemistry 30S

Course code Honours	CH30S CH30SH	Prerequisite	SCI20F/FH and MIAP20S (math)
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Chimie 30S

FI course code Avancé	XCH30S XCH30SA	Prerequisite	XSCI20F/FA
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This course focuses on chemical reactions, physical and chemical properties and changes, states of matter and organic chemistry. The student should have good mathematical skills to excel in this course. MIAP20S/H or XMIAP20S/A is strongly recommended.

Physics 30S

Course code	PHY30S	Prerequisite	SCI20F/FH and Grade 10 Math
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Physique 30S

FI course code	XPHY30S	Prerequisite	XSCI20F/FA

This course focuses on waves, mechanics, fields and the nature of Science. The student should have good mathematical skills to excel in this course. MIAP20S or MIAP20SH is strongly recommended.

Biology 40S

Course code Honours	BIO40S BIO40SH	Prerequisite	BIO30S/SH
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Biologie 40S

FI course code Avancé	XBIO40S XBIO40SA	Prerequisite	XBIO30S/SA
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This course focuses on genetics and biodiversity. Patterns of inheritance, genetic abnormalities and classification of microbes, fungi, plants and animals are some of the topics discussed. The honours course makes curricular connections to university level courses, with additional enrichment and hands-on opportunities for students.

Chemistry 40S

Course code Honours	CH40S CH40SH	Prerequisite	CH30S/SH
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Chimie 40S

FI course code Avancé	XCH40S XCH40SA	Prerequisite	XCH30S/SA
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This course focuses on atomic structure, chemical bonding, reaction rates, equilibria, acid-base chemistry and electro-chemistry. It is strongly recommended that the student has obtained marks of at least 60% in the Grade 11 Chemistry course and the Grade 11 Pre-Calculus Math course or a 75% or higher in Grade 11 Applied Math.

Physics 40S

Course code	PHY40S	Prerequisite	PHY30S
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Physique 40S

FI course code	XPHY40S	Prerequisite	XPHY30S
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This course focuses on dynamics, work, energy, electric fields, magnetic fields, electric circuits and electromagnetic induction. It is strongly recommended that the student has obtained marks of at least 60% in the Grade 11 Physics course and the Grade 11 Pre-Calculus Math course (or 75% in the Grade 11 Applied Math course).

Current Science Topics 30S

Course code	SCI30S	Prerequisite	SCI20S
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This general course, available to Grade 11 and Grade 12 students, focuses on everyday Science topics. These might include properties of matter, cells and cancer, heart attacks, extreme weather systems, astronomy. Description is favored over detailed mathematical analysis. Students who are enrolled in, or have obtained a credit for Grade 11 and/or Grade 12 Chemistry, Physics and/or Biology credit cannot take the course.

University of Winnipeg Chemistry

Course code	UINTROCHEM42U & UBASCHEM42U	Prerequisite	CH40SH or XCH40SA
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Students who have successfully completed CH40SH or XCH40SA may take this first-year university six credit course. A minimum mark of 80 % is strongly recommended. Students who have excelled in Chemistry40S/Chimie40S may also take the course (with teacher permission). The course is the sum of two university half-courses: Introduction to the Chemical Properties of Matter (UWPG CODE: Chem1111; ICVMC code: UINTROCHEM42U) and Basic Principles of Chemical Reactivity (UWPG code: Chem1112; ICVMC code: UBASCHEM42U). Students must register for both half-courses.

The lecture component is taught every other day at ICVMC (spanning both semesters) and the laboratory component is taught at The University of Winnipeg itself. The lab is held one evening a week (approximately nine times each semester).

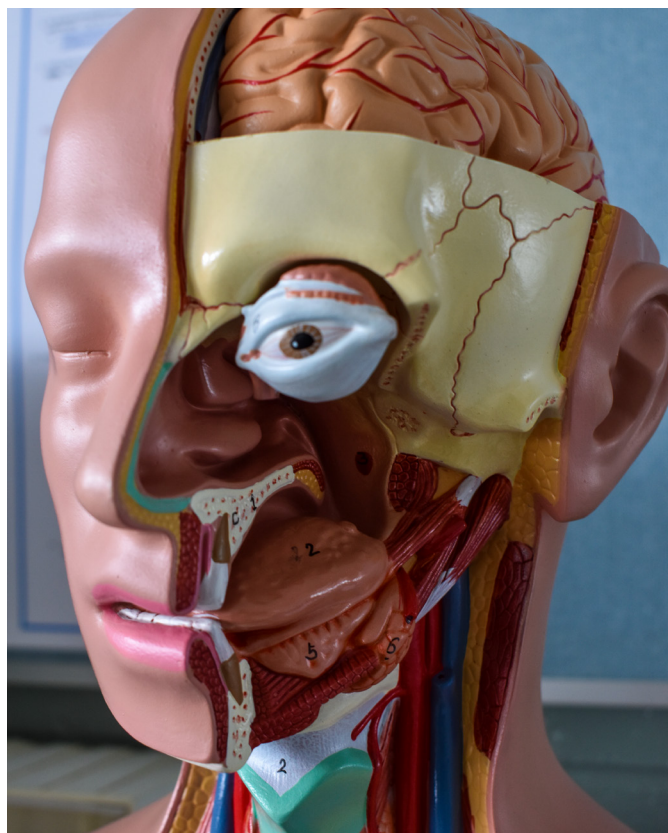
Students may apply for dual credit for this course (1.0 combined credit hours ICVMC; 6.0 combined credit hours UWPG). The university credit hours are transferable to University of Manitoba and many other universities.

Students are required to pay The University of Winnipeg a combined tuition/application fee of \$420 (Subject to change).

Environmental Science Honours 40SH

Course code	ENVSCI40SH	Prerequisite	BIO40S/SH XBIO40S/SA
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The Honours Environmental Science course will engage students with the scientific principles, concepts and methodologies required to understand the interrelationships within the natural world. Students will identify and analyze natural and human-made environmental problems and examine the risks and solutions associated with them. The course is interdisciplinary, embracing topics from geology, biology, chemistry and geography.



**SOCIAL
SCIENCES

SCIENCES
HUMAINES**

Our Social Sciences course offerings integrate a variety of UNESCO themes within the classroom and beyond. Environmental concerns, inter-cultural learning, human rights, democracy, and tolerance are mainstays within the curricula of our course offerings, and teachers use a variety of tools (guest speakers, video conferences, English as an Additional Language courses, school-initiated conferences, field trips, and a variety of technological resources) to help students grasp the significance of those UNESCO themes in our present-day world.

Sciences Humaines: Le Canada Dans Le Monde Contemporain 10F

FI course code	XSSCCW10F	Prerequisite	
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This introductory course will assure an understanding of Canadian society, focusing on Canada’s regional diversities, as well as the roles and responsibilities of everyday Canadians. Students will reflect on the question: “What is a Canadian?”, while examining the multicultural components of our society. An emphasis will be placed on the challenges faced by Canada over the course of its existence.

Geographic Issues of the 21st Century 20F

Course code	GEOIC20F	Prerequisite	Social Studies 10F
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Les Enjeux Géographiques du 21e Siècle 20F

FI course code	XGEOIC20F	Prerequisite	9e Sciences Humaines
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This introductory course focuses on contemporary issues in Geography with the intention of using geographic knowledge, skills, and methods to ask geographic questions, evaluate information for validity and/or bias, provide models for decision making, and develop thinking around contributions that young citizens can make to affect positive political, economic, and environmental change.

Canada, and its position in the World is the focus of the following 5 clusters: Geographic Literacy, Natural Resources, Food from the Land, Industry and Trade, and Urban Places.

Geographic Issues of the 21st Century 20E

Course code	GEOIC20E	Prerequisite	
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This EAL geography course focuses on the same topics as GEOIC20F, but is designed for the specific English as an Additional Language (EAL) needs of the student.

History of Canada 30F

Course code	HIS30F	Prerequisite	GEOIC20F or GEOIC20E
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Histoire du Canada 30F

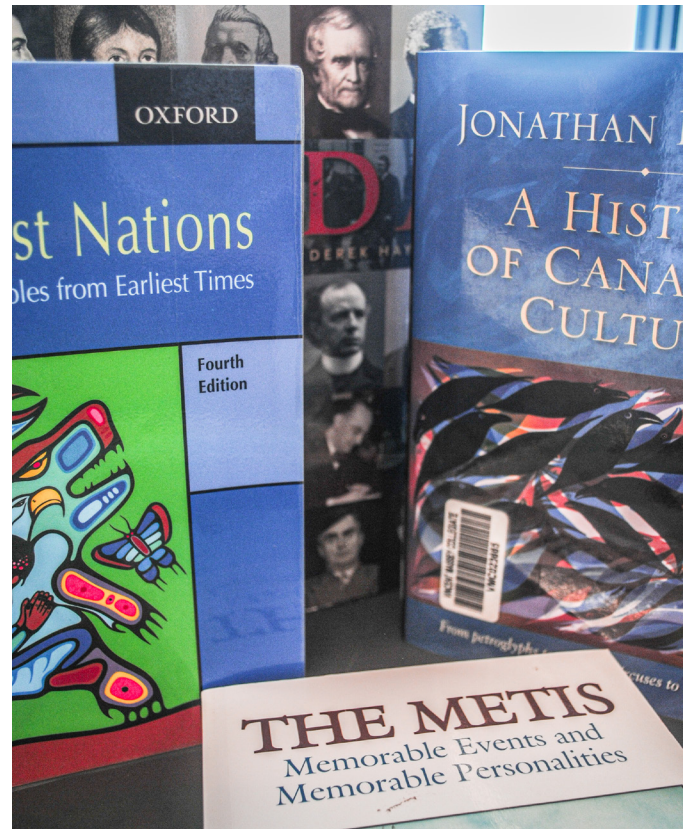
FI course code	XHIC30F	Prerequisite	XGEOIC20F
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This intermediate course supports the development of citizenship through student engagement in historical inquiry into Canada’s social and political past, present and future. Themes of study include: First Nations, Métis, and Inuit Peoples; French-English Duality; Canadian Identity; Diversity and Citizenship; Governance and Economics; and Canada’s relationship with the World.

History of Canada 30E

Course code	HIS30E	Prerequisite	
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This EAL history of Canada course focuses on the same topics as HIS 30F, but is designed for the specific English as an Additional Language (EAL) needs of the student.



Optional Courses

American History 20G

Course code	HIS20G	Prerequisite	
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This introductory course is a survey course of American History from Pre-Colonial times to the present. Through historical inquiry, students will be prepared to understand American culture and politics and their influence on Canada and the World. Topics include: the American Revolution, American Slavery, the American Civil War, the World Wars, the Civil Rights movement, domestic and global terrorism, and more.

Cinema as a Witness to Modern History 40S

Course code	CWMH40S	Prerequisite	
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This course will engage students in an exploration of the connections among cinema as an art form, cinema as a product of history, and cinema as an interpreter of history. Students will respond to and discuss the aesthetic and emotional elements of cinema and will apply historical thinking concepts to the analysis of themes as represented in various films studied. Throughout the course, students will apply critical media literacy skills in order to understand that film does not simply reflect the past, but interprets and retells the past and, at times, reconstructs it. Throughout the course, students will engage in guided viewing, write film critiques that show evidence of historical thinking and critical media literacy, and conduct historical research to evaluate and reflect on representations of history in film. This course fulfills an option credit for those with interest in ELA and fulfills an option credit for those with an interest in History.

History of Western Civilization 40S

Course code	HWC40S	Prerequisite	
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This advanced course engages students in inquiry of how human civilization began and developed over time, through an overview of its ancient beginnings to the modern day. The knowledge gained from this study will help students place their lives and communities in a broader context, think critically about the culture which surrounds them, and become engaged and productive citizens of the global community.

Anthropology and Sociology 31G

Course code	ANTH31G	Prerequisite	
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This introductory course focuses on human beings and their ancestors, and how they interact with their immediate environment. The anthropological focus is on evolution, and human ancestors adapting to environments and cultural pressures, while sociology focuses on the study of human behavior within cultures and societies. Both components of this course focus on cultures, and how membership within certain groups influences what people do, and how they see the world.

Global Issues 40S

Course code	GI40S	Prerequisite	
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Enjeux mondiaux

FI course code	XEMCD40S	Prerequisite	
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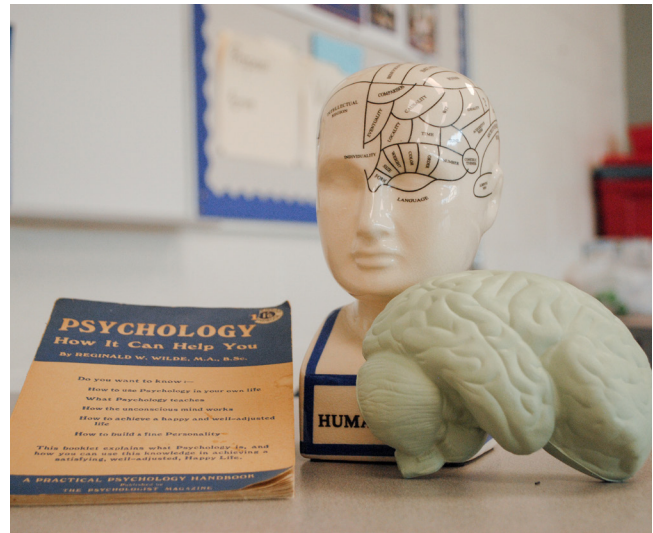
This advanced course is designed to allow students to acquire a greater understanding of major world issues and analyze the impact of those issues on people living in a variety of political, economic and social systems throughout the world. This course is based on principles of active democratic citizenship, ecological literacy, critical media literacy, and ethical decision making, and consolidates learning across disciplines to empower students as agents of change for a sustainable and equitable future.



Law 40S

Course code	LAW40S	Prerequisite	
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The study of Law promotes the development of critical thinking and problem-solving skills, while engaging students in conversations about important philosophical and ethical issues. This introductory course provides an overview of the sources of Canadian Law, Alternative Justice Models, the Judicial System, Trial Procedure, and the Charter of Rights and Freedoms. Topics include: Criminal Law, Civil Law, and Family Law.



Current Topics in First Nations, Métis and Inuit Studies 40S

Course code	FNMI40S	Prerequisite	Open to all Grade 12 Students
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A foundation for implementation explores the histories, traditions, cultures, worldviews and contemporary issues of Indigenous peoples in Canada and worldwide. Students will use 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 recovery allows students to understand and work towards a positive future.

Psychology 40S

Course code	PSY40S	Prerequisite	
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Psychologie 40S

FI course code	XPSY40S	Prerequisite	
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This introductory course engages students in the scientific study of behavior and mental processes. By exploring the scientific methods upon which psychology is based, students can apply what they have learned to their daily lives. Content areas include: an Introduction and Research Methods, Biopsychology, Developmental Psychology, Cognitive Psychology, and Variations in Individual and Group Behavior. Note: Students interested in taking the Advanced Placement Psychology 42S (PSY42S) should sign up for PSY40S in Grade 11 as PSY42S is only offered in semester 1 of Grade 12.

Geography: World Human 40S

Course code	WHG40S	Prerequisite	
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In a constantly changing world, it is more important than ever to understand the dynamics of our complex home. This course will provide an overview of some major topics such as world food production, world resources, energy production, consumption and how those will try to keep pace with the quickly expanding and moving population. This course focuses on the important relationship between the people of the world, and the environments in which they live.

College Board Social Sciences: Advanced Placement Psychology 42S

Course code	PSY42S	Prerequisite	PSY40S
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This Advanced Placement course is a university level course designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Topics include the psychological facts, principles, and phenomena associated with the major subfields within psychology, as well as the ethics and research methods psychologists use in their practice. Students can earn a high school credit in PSY42S, as well as the equivalent of a first year university credit in Psychology by writing the AP College Board exam in May. Note: PSY42S is only offered in Semester 1, and is based on a rigorous academic AP Psychology curriculum, therefore PSY40S in Grade 11 is a prerequisite. The cost to write the College Board AP exam is \$120.

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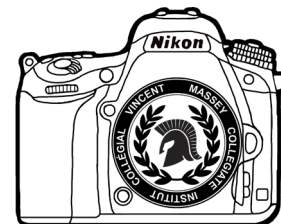
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Page 50

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STEM

ANGLING CURLING

YOUTH AMBASSADORS FOR INCLUSION

FRENCH THEATRE JEUNESSE

D&D CLUB DEBATE

FOOTBALL

DRUMMING CIRCLE

CREATIVE WRITING

ROCK BAND
ULTIMATE

DANCE TEAM

CALLS TO ACTION

BADMINTON

GREEN THUMB ANIME

CODING MATH CLUB

STUDENT COUNCIL

GENDER SEXUALITY ALLIANCE

PEER TUTORING SOCCER

TRACK AND FIELD RUGBY

INTERNATIONAL STUDENT AMBASSADORS

HOCKEY KNITTING UNESCO

REACH FOR THE TOP BEADING GUITAR

VIDEO CLUB RINGETTE

TECH CREW

MODEL UN

BASKETBALL

CROSS-COUNTRY

HANDBALL

DIVERSIFY

GOLF

GRAD COMMITTEE

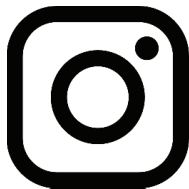
VOLLEYBALL

SPEAK TO THE TOP

CHESS KEY CLUB

SOLID ROCK CHRISTIAN YOUTH

WATERPOLO



@icvmcwpq





Institut collégial Vincent Massey Collegiate
975 Dowker Avenue Winnipeg, MB Canada R3T 1R7
Tel: (204) 453-8023 Fax: (204) 284-0448
www.pembinatrails.ca/vincentmassey

