

**WEST KILDONAN
COLLEGIATE**

**COURSE BOOK
2024 - 2025**



INDEX

Introduction

Introduction and Welcome.....	3
Safe and Caring School Communities.....	4
General Student Expectations and Information.....	5
Student Support Services.....	6

High School Graduation Requirements and Course Descriptions

High School Graduation Requirements.....	7
English.....	8
Mathematics.....	10-11
Science.....	12-14
Social Studies.....	15-17
Physical Education.....	18-21
Information & Communication Technology.....	22-23
Visual & Performing Arts.....	24-28
Art, Drama, Theatre Production, Band, Choir, Piano and Dance	
French.....	29
Ojibwe (Grade 9 Beginner – Anishinaabemowin)	29
Applied Commerce.....	30
Career Development.....	31
Technology and Applied Arts.....	32-37
Drafting, Woodworking, Electronics Technology, Robotics, Engineering, Graphics, Family Studies, Foods & Nutrition, Textile Arts & Design, Human Ecology and Environmental Design	

Additional Programs Offered

Seven Oaks Tech Hub.....	38
Beyond Grade 12 Now.....	39-40
Career Ready and Special Language Exam Option	41


Welcome to West Kildonan Collegiate

Welcome as a new student to West Kildonan Collegiate or a returning student. This handbook will assist you and your family to plan for your continued education with us. West Kildonan Collegiate offers a diverse variety of experiences for students to develop and explore their interests, ignite their passions for further life-long learning, contribute to their communities and promote learning for potential careers and post-secondary education. We encourage students to make the most of the opportunities available to them in academics, athletics, performing/visual arts, clubs, committees, technology & applied arts, and community service learning.

Students and teacher advisors meet regularly throughout their time at WK. Each student's teacher advisor guides them through the yearly registration process and meets regularly to assist with academic planning, goal setting and support their overall educational experiences and development.

We look forward to learning together in the upcoming school year!

WEST KILDONAN COLLEGIATE CYCLE SCHEDULE

TIME	SLOT	LATE START WEDNESDAY
8:30 – 9:55	A	9:35 – 10:40
5 MIN. BREAK		5 MIN. BREAK
10:00 – 11:20	B	10:45 – 11:50
11:20 – 12:20	LUNCH	11:50 – 12:50
12:20 – 1:40	C	12:50 – 1:55
5 MIN. BREAK		5 MIN. BREAK
1:45 – 3:05	D	2:00 – 3:05
OT Time to be arranged with teacher		

This course book is also available on-line on the school website: www.7oaks.org/school/westkildonan

Safe and Caring School Communities

In Seven Oaks, the following is our divisional mission statement:

The Seven Oaks School Division is a community of learners, every one of whom shares the responsibility to assist children in acquiring an education which will enable them to lead fulfilling lives within the world as moral people and contributing members of society.

Our staff work at creating safe, respectful, considerate, and caring communities in our classrooms and in our school. We rely on education, restitution, and disciplinary approaches to teach our students to interact in ways that are respectful, considerate, and safe.

Access to Student Information

Under Provincial Regulations, parents and guardians of students who are 18 years of age or older do not have access to information related to their children's attendance and marks at school unless a student signs a release which enables the sharing of information with parents/guardians. Students sign a release form when they turn 18. We recommend that students and their parents discuss this decision to share information before the student turns 18. If you have further questions, please consult with a School Administrator.

General Student Expectations and Information

Mission Statement - West Kildonan Collegiate located on Treaty 1 Territory, provides a safe, welcoming and academically supportive environment in which students, teachers, support staff and the community work together. We respect students as unique individuals with different talents and aspirations for their roles in our community and rapidly changing world. WKC is committed to knowledge, inquiry, diversity, reconciliation, equity, inclusion, and advocacy. We strive to develop in our students the senses of self-worth, social obligation and morality needed to become contributing members of our society.

- Students are to be respectful in language and behaviour of all people and property.
- Personal electronic devices such as cell phones, gaming systems, iPods, etc. and wired/Bluetooth headphones are not to be used or accessed during class time. Our preference is for students to leave cell phones at home, but if students choose to bring personal electronic devices to school, they will be expected to store cell phones, headphones, wired and Bluetooth earbuds, and other personal electronic devices in either their locker or their classroom storage system during learning time. This includes classrooms, the gym, music rooms, student services, and any space where learning is taking place.
- At our school, we believe in fostering a positive and respectful learning environment for all students. To maintain this atmosphere, we expect that student clothing be mindful of its impact on others. Please refrain from wearing clothing that features violent language or imagery, references drug and alcohol use, or promotes discrimination, hate, bigotry, misogyny, or cultural insensitivity. Where there are concerns, caregivers will be contacted, and students may be asked to change their clothes.
- All visitors must report to the office. For the safety of all students and staff, students are not to have friends, not registered at WKC, visit them at the school without prior permission.
- West Kildonan Collegiate is a smoke/vape free school and there will be no smoking or vaping anywhere on school property.
- Possession, use and being under the influence of drugs and alcohol during school activities on or off-school property is not acceptable. Students under the influence of alcohol or drugs during school programs, events and activities could result in school suspension and police involvement.
- Please notify the office if your child is absent, you may leave a message on the 24-hour voicemail at 204-339-6959. If an unexcused absence occurs in a class for a student, School Messenger, an attendance monitoring system, will phone/email your household automatically in the evening.

Student Support Services

Support Team, Counselling, and Student Services

Our Support team works to support appropriate academic programming and to ensure that inclusion is at the core of classroom and school life. Support teachers will:

- Work collaboratively with classroom teachers and educational assistants to help support students and teachers.
- Work closely with families to ensure a successful transition to adulthood for students with exceptional needs.

School Counsellors at West Kildonan Collegiate work with students across all grades in a team-based model that optimizes our ability to respond to students' needs. Listed below are some of the things we do:

- Promote positive mental health practices and perspectives
- Help students develop strategies to cope with stresses (a critical life skill)
- Help with academic and future planning – post-secondary education, career thinking
- Organize and deliver educational programming at each grade level that supports emotional and social well-being
- Help students and their families with referrals to outside supports
- Support new and graduating students with their transition into and out of high school

Library Services

The library is a gathering place for students to explore the world through print and electronic media resources. It is a hub integral to teaching and learning where people can meet, think, work, read and share ideas that contribute to life-long learning.

The West Kildonan Collegiate Material Resource Centre (MRC) contains thousands of items to support learning outcomes and for pleasure reading, including non-fiction, fiction, reference materials, magazines, DVDs, and graphic novels. Access to e-Books, audiobooks and educational streaming video resources is also available with a login provided by library staff. The collection, both print and electronic, continually grows and changes to meet the needs of students and staff.

Our goals are to:

- Provide up-to-date resources and topical reading materials
- Help students develop strong research skills
- Promote literacy and life-long learning

The MRC is staffed by Library Technicians who help students find information and resources for school projects, assignments, pleasure reading, and field other inquiries (reference questions), as well as acquire, catalogue, and circulate materials.

High School Graduation Requirements and Course Descriptions

To graduate from high school, students require a minimum of 30 credits. Manitoba Education requires set compulsory courses and students choose their electives.

Grade 9		Grade 10		Grade 11		Grade 12	
Compulsory Courses		Compulsory Courses		Compulsory Courses		Compulsory Courses	
English Language Arts	ELA10F	English Language Arts	ELA20F	English Language Arts	ELA30S	English Language Arts	ELA40S
Mathematics	MAT10F	Essential Mathematics	EMA20S	Essential Mathematics	EMA30S	Essential Mathematics	EMA40S
Science	SCI10F	Intro to Applied & Pre-Cal		Pre-Calculus Math	CAL30S	Pre-Calculus Math	CAL40S
Social Studies	SST10F	Mathematics	APC20S	Applied Math	APP30S	Applied Math	APP40S
Physical Education	PED10F	Geography	GEO20F	History	HIS30F	Physical Education	PED40F
Phys Ed/Hockey	PEH10F	Science	SCI20F	Physical Education	PED30F	Phys Ed/Personal Fit.	PEW40F
Phys Ed/Dance focus	PEM10F	Phys Ed/Health	PED20F	Phys Ed/Personal Fit.	PEW30F	Phys Ed/Hockey	PEH40F
		Phys Ed/Hockey	PEH20F	Phys Ed/Hockey	PEH30F	Phys Ed/Dance Focus	PEM40F
		Phys Ed/Dance Focus	PEM20F	Phys Ed/Dance Focus	PEM30F		
Electives		Electives		Electives		Electives	
Art	ART15S	American History	AMH20G	Accounting Essentials	ACC30S	Accounting Systems	ACC40S
Business Innovations	BUS10S	Art	ART20S	Animation	ANI30S	Art	ART40S
Choir	CHO10S	Astronomy	AST31G	Art	ART30S	Biology	BIO40S
Concert Band	MBD10S	Choir	CHO20S	Astronomy	AST31G	Business Management	BUM40S
Dance	DAN15S	Computer Science	CSC20S	Biology	BIO30S	Calculus & Advanced	
Drafting	DFT15G	Concert Band	MBD20S	Chemistry	CHE30S	Mathematics	ADM40S
Dramatic Arts	DRA15S	Dance	DAN20S	Choir	CHO30S	Chemistry	CHE40S
Electronics	ELE15G	Digital Media	DMD20S	Computer Science	CSC30S	Choir	CHO40S
Family Studies	FST15S	Drafting Technology	DFT20G	Concert Band	MBD30S	Computer Science	CSC40S
Food & Nutrition	FNT15S	Dramatic Arts	DRA20S	Dance	DAN30S	Concert Band	MBD40S
French	FRE10F	Drama Tech. Theatre	DTP20S	Drafting	DFT30G	Current Topics in First Nations, Métis & Inuit Studies	TIN40S
Graphics	GRA15G	Electronics	ELE20G	Dramatic Arts/Playwriting	DRA30S	Dance	DAN40S
Intro Engineering	ITE15G	Engineering (level 2)	ITE20G	Drama Tech. Theatre	DTP30S	Drafting (App. Tech)	DFT40S
Intro Piano	PNO15S	Family Studies	FST20S	Electronics	ELE30G	Drama/Playwriting	DRA40S
Jazz Band	JRE10S	Food & Nutrition	FNT20S	Environmental Design	EVD30S	Drama Tech. Theatre	DTP40S
Ojibwe	OJI10S	French	FRE20F	Environmental Studies	TIS30S	Electronics	ELE40G
Physical Ed. Leadership	PEL15G	Graphics	GRA20G	Family Studies	FST30S	English: Literary	ELT40S
Reading is Thinking	REA15S	Human Ecology	ECO20S	Food & Nutrition	FNT30S	Environmental Design	EVD40S
Stage Band	STB15S	Jazz Band	JRE20S	French	FRE30S	Environmental Studies	TIS40S
Textile Arts & Design	CLO15S	Life/Work Planning	LWP20S	Graphics	GRA30G	Family Studies	FST40S
Weight Training	WTT11G	Personal Finance	FIN20S	Human Ecology	ECO30S	Food & Nutrition	FNT40S
Woodworking	WDS15G	Reading is Thinking	REA20S	Jazz Band	JRE30S	French	FRE40S
Tech Hub After School	THA10S	Robotics	ROB21G	Life/Work Building	LWB30S	Global Issues	SST40S
Vocal Jazz	VJZ10S	Stage Band	STB25S	Outdoor Leadership	PEL31G	Graphic Communication	GRA40S
		Tech Hub After School	THA20S	Physical Geography	GEO30F	History	HIS40S
		Tech Hub Exchange	THE20S	Physics	PHY30S	Jazz Band	JRE40S
		Textile Arts & Design	CLO20S	Stage Band	STB35S	Law	LAW40S
		Vocal Jazz	VJZ20S	Tech Hub After School	THA30S	Life/Work Transitioning	LWT40S
		Woodworking	WDS20G	Tech Hub Exchange	THE30S	Physics	PHY40S
				Textile Arts & Design	CLO30S	Psychology	PSY40S
				Vocal Jazz	VJZ30S	Stage Band	STB45S
				Web Design	WEB30S	Tech Hub After School	THA40S
				Woodworking (Manuf.)	WDS30G	Tech Hub Exchange	THE40S
						Textile Arts & Design	CLO40S
						Woodworking	WDS40S
						World of Religions	WOR40S
						Vocal Jazz	VJZ40S
						Beyond Grade 12 Now	
						App. Computer Science	ACS42U
						Calculus	CAL42U
						English	ELA42U

Course Descriptions

ENGLISH

Grade 9 ENGLISH LANGUAGE ARTS 1 Credit ELA10F

The grade 9 program develops competence in four English curriculum practices: language as sense making, language as system, language as power and agency and language as design and exploration. While studying a variety of forms and genres, students participate in small and large group discussions, public speaking, and essay and creative writing. An included component in the grade 9 English program is “Reconcili-action” to respond to the spirit of Truth and Reconciliation in our relationship with Indigenous peoples.

Grade 10 ENGLISH LANGUAGE ARTS 1 Credit ELA20F

Students continue to explore oral, written and visual texts to develop further competence in the four English curriculum practices. Students develop increased independence in selecting and analyzing texts as they learn to think critically, solve problems and make informed decisions. Students will expand their study of literary elements and continue to apply various stylistic devices in writing and speaking. Active discussion and debate will help students clarify and explore perspectives.

Grade 11 ENGLISH LANGUAGE ARTS COMPREHENSIVE FOCUS 1 Credit ELA30S

Students use prior knowledge to extend skills and competence in the application of English concepts. Honing research skills and evaluating multiple sources for accuracy and relevance becomes a focus at this level. There is a balanced emphasis on language exploration and development for both practical and creative purposes.

Grade 12 ENGLISH LANGUAGE ARTS COMPREHENSIVE FOCUS 1 Credit ELA40S

Students apply knowledge of the English curriculum practices, interpreting and integrating information and ideas from multiple texts and sources. Investigating complex moral and ethical questions, students use language conventions to make connections to the text and people. There is a balanced emphasis on language exploration and development for both practical and creative purposes.

GRADE 12 ENGLISH LANGUAGE ARTS ELECTIVE

Grade 12 ENGLISH LANGUAGE AND LITERARY FORMS 1 Credit ELT40S

This writing-intensive course exposes students to literature as the art form of language; it is ideal for lovers of poetry, drama and other influential works of literature. From the heights of human kindness to the depths of evil, students will experience the range of emotions that shape the human condition. Students will find themselves transported to worlds filled with heroes, villains and tales of adventure. Literary Forms is highly recommended for students who are interested in continuing literature studies at the post-secondary level.

Grade 9 READING IS THINKING

.5 Credit REA15S

Reading is Thinking, is a half-credit course designed to help students improve their skills in reading and critical thinking. This course is designed to give you the strategies needed to become a better reader regardless of your skill level. The Three main focus areas of this course are Thinking about Self, Thinking About Text and Thinking About the World.

Grade 10 READING IS THINKING

1 Credit REA20S

Reading is Thinking, is a full credit course designed to help students improve their skills in reading and critical thinking. This course is designed to give you the strategies needed to become a better reader regardless of your skill level. The Three main focus areas of this course are Thinking about Self, Thinking About Text and Thinking About the World.

MATHEMATICS

Grade 9

Grade 9 MATHEMATICS

1 Credit MAT10F

Mathematics in grade 9 focuses on four main strands including: numbers, patterns and relations, space and shape, as well as statistics and probability. Students will develop skills related to communication, mental mathematics and estimation, problem-solving, reasoning, technology and visualization. Students will engage in algebra-related competencies.

Grade 10

Grade 10 ESSENTIAL MATHEMATICS

1 Credit EMA20S

The essential mathematics course emphasizes consumer applications, problem-solving, decision-making and spatial sense. Students will focus on mathematical concepts and skills encountered in everyday life in a technological society. Essential Mathematics 20S is intended for students whose post-secondary planning does not include a focus on mathematics and science-related fields.

Grade 10 INTRO TO APPLIED & PRE-CALCULUS MATHEMATICS

1 Credit APC20S

The components of the applied and pre-calculus curriculum are both context-driven and algebraic in nature. This course will provide students with abstract mathematical understanding and critical-thinking skills and is a necessary foundation for success in physics and chemistry courses. The course comprises a high-level study of abstract and theoretical mathematics in which students should expect a significant amount of daily work. A grade of 70% and higher in MAT10F is recommended.

Grade 11

Grade 11 ESSENTIAL MATHEMATICS

1 Credit EMA30S

Essential Mathematics 30S is about mathematical concepts and skills encountered in everyday life in a technological society. Pragmatic in nature, with an emphasis on using math as a tool, the course builds on the knowledge and skills of Essential Mathematics 20S and provides a foundation for topics studied in Essential Mathematics 40S.

Grade 11 PRE-CALCULUS MATHEMATICS

1 Credit CAL30S

Pre-calculus Mathematics 30S is a course designed for students who intend future studies in calculus and related mathematics or who require grade 12 pre-calculus for entry into certain post-secondary programs. It builds on the topics studied in Introduction to Applied and Pre-Calculus Mathematics 20S and is foundational to the study of physics and chemistry. The course is abstract in nature and is a high-level study of theoretical mathematics in which students should expect a significant amount of daily work. **A grade of 70% or higher in APC20S is recommended.**

Grade 11 APPLIED MATHEMATICS**1 Credit APP30S**

Grade 11 Applied Mathematics (30S) is for students considering post-secondary studies who do not require a study of theoretical calculus. It is context-driven and promotes the learning of numerical and geometrical problem-solving techniques as they relate to the world around us. **A grade of 70% or higher in APC20S is recommended.**

Grade 12**Grade 12 ESSENTIAL MATHEMATICS****1 Credit EMA40S**

The course is pragmatic in nature and emphasizes mathematical concepts and skills encountered in everyday life in a technological society. Essential Mathematics 30S fulfills both high school graduation requirements and university entrance requirements in some programs (excluding mathematics, medical, business, and science-related programs).

Grade 12 PRE-CALCULUS MATH**1 Credit CAL40S**

Pre-Calculus Mathematics 40S is designed for students who require it for entry into certain post-secondary programs (mathematics and science-related). It builds on the topics studied in grade 11 pre-calculus mathematics, provides background knowledge and skills for the study of calculus in post-secondary programs and is foundational to the study of physics and chemistry. The course comprises a high-level study of abstract and theoretical mathematics in which students should expect a significant amount of daily work. **A grade of 70% or higher in CAL30S is recommended.**

Grade 12 APPLIED MATHEMATICS**1 Credit APP40S**

Grade 12 Applied Mathematics (40S) is for students considering post-secondary studies who do not require a study of theoretical calculus. It is context-driven and promotes the learning of numerical and geometrical problem-solving techniques as they relate to the world around us. **A grade of 70% or higher in APP30S is recommended.**

GRADE 12 MATHEMATICS ELECTIVE**Grade 12 INTRODUCTION TO CALCULUS AND ADVANCED MATHEMATICS 1 Credit ADM40S**
Recommended: minimum grade of 70% in Grade 12 Pre-calculus 40S

This is a highly recommended course for students who show an aptitude or a strong interest in mathematics and plan to study further mathematics at the post-secondary level. The course touches on most topics covered in introductory calculus, statistics and linear algebra at the university level but with a less theoretical approach. Although not required for university mathematics studies in Manitoba, the course is an excellent bridge between high school and university mathematics and may be required in other provinces.

SCIENCE

Grade 9

Grade 9 SCIENCE

1 Credit SCI10F

This course is compulsory engages students in scientific inquiry, solving problems and making decisions. Content areas: reproduction, atoms and elements, nature of electricity and exploring the universe. All units include with science investigations.

Grade 10

Grade 10 SCIENCE

1 Credit SCI20F

A compulsory course with goals and objectives much the same as grade 9 science, science in grade 10 deals with ecosystems, chemistry in action, physics in motion and weather dynamics. Laboratory work will require appropriate write-ups and discussions.

Grade 11

Grade 11 BIOLOGY

1 Credit BIO30S

The human body is a fascinating and vast network of systems that allows us to be the complex species we are. Students will explore their own health and wellness as they learn about the organ systems and ways to sustain them. Come learn the mysteries behind why our heart beats 100,000 times each day, how neurons transmit signals at 100m/s and the importance of producing roughly 1.7 litres of saliva each day! This course is ideal for students who plan to continue the study of biology or health related careers beyond high school. It is also an ideal choice for those who have a desire to learn all about the functioning of the human body. A fetal pig dissection (online dissection available) will add to our understanding of the interactions of organ systems. Topics include cells and homeostasis, nutrition & wellness, chemistry of life, digestion, circulatory & respiratory systems, excretion, brain & nervous system, blood & immunity and reproduction.

Grade 11 CHEMISTRY

1 Credit CHE30S

Recommended: Science 20F and Introduction to Applied & Pre-Calculus Math 20S

Grade 11 chemistry focuses on using real-world examples to teach the fundamentals and language of chemistry. Students use symbols, equations and pictures as part of learning chemistry literacy. Students learn how the particles that make up our world interact to create the phenomena we see every day. Topics include understanding the periodic table, writing and balancing chemical equations, the mathematics behind chemical reactions, as well as solution, gas and organic chemistry.

Grade 11 PHYSICS **1 Credit PHY30S**
Recommended: Introduction to Applied & Pre-Calculus Math 20S

Physics is the study of relationships and behaviors of the physical world around us. The study of physics will sustain and develop a student's curiosity and understanding of motion, as well as investigate the cause and effects of objects in motion. As students study a range of topics through various sub-disciplines of physics, they will build on their understanding of the fundamental physical laws that govern our world and the symbiotic relationship between math and science. Topics include kinematics, dynamics, waves and the nature of light.

Grade 11 ENVIRONMENTAL STUDIES **1 Credit TIS30S**

Environmental science focuses on the relationships between the environment and human health & wellness within our society. Students gain skills in climate change action, conservation of biodiversity, water quality and environment regeneration and explore design, policy, cultural and legal aspects surrounding environmental issues. Students gain valuable environmental leadership skills in our community and prepare for a wide variety of careers in the 21st century. Students will develop expertise in sustainable living, action research and sustainable action projects. There will be opportunities to attend eco-events and participate in hands-on projects to build their capacity as environmental leaders. Portions of this course will take place outdoors.

Grade 11 ASTRONOMY 31G **1 Credit AST31G**

The astronomy course takes an in-depth look at the scientific concepts and principles governing our universe. Students who take this course will learn about astronomical observation, the solar system, constellations, nebulae, star clusters, galaxies and much more. The course is primarily project based and relies heavily on the use of digital technology to help students gain a more complete understanding of our universe. This course builds on topics introduced in the *Exploring the Universe* module of the science 10F course and is available to all grade 10, 11, and 12 students.

Grade 12

Grade 12 BIOLOGY **1 Credit BIO40S**

Planet Earth has millions of species for us to discover. Our planet's biodiversity is of great beauty and complexity that has long captured our imaginations. Students investigate the huge array of animals that co-exist alongside our own species. Find out how viruses such as H1N1, Ebola and West Nile infect humans. Explore bacteria, the good, the bad and the ugly! Through the eyes of evolutionary theory, we will also look at biological inheritance and the importance that DNA in our everyday lives and in the medical profession. Labs and dissections (online dissection available) will help in understanding the similarities and differences in the vastness of biodiversity seen in this course. Topics include kingdoms of life (bacteria, protists, fungi, plants and animals), DNA & genetic inheritance, mechanisms of genetic inheritance and evolutionary theory.

Grade 12 ENVIRONMENTAL STUDIES**1 Credit TIS40S**

Grade 12 Environmental studies is designed to be a more in-depth continuation of grade 11 environmental studies and allows students to continue to build their leadership skills in helping the environment. Environmental science focuses on the relationships between the environment and human health & wellness within our society. Students gain skills in climate change action, conservation of biodiversity, water quality and environmental regeneration and explore design, policy, cultural and legal aspects surrounding environmental issues. Students gain valuable environmental leadership skills in our community and prepare for a wide variety of careers in the 21st century. Students will develop expertise in sustainable living, action research and sustainable action projects. There will be opportunities to attend eco-events and participate in hands-on projects to build their capacity as environmental leaders. Portions of this course will take place outdoors.

Grade 12 CHEMISTRY**1 Credit CHE40S****Recommended: Chemistry 30S and Pre-Calculus 30S**

Chemistry 40S focuses on the following units: atomic structure, reaction rates, equilibrium, acids & bases and redox reactions. Through demonstrations, projects, laboratory activities and computer simulations, the course extends knowledge, skills and concepts discussed in previous science courses (Chemistry 30S and Science 20F). Students completing Chemistry 40S are able to pursue chemistry at a post-secondary level.

Grade 12 PHYSICS**1 Credit PHY40S****Recommended: Physics 30S and Pre-Calculus 30S**

“The most incomprehensible thing about the world is that it is comprehensible.” – Albert Einstein
Students in physics are encouraged to think critically, hone problem-solving skills and communicate ideas within the context of physics. Topics in Physics 40S expand on the Physics 30S curriculum. Topics include mechanics, impulse momentum & energy, electricity and electromagnetism.

Grade 12 PSYCHOLOGY 40S**1 Credit PSY40S**

Psychology is a social science that involves the scientific study of behavior and mental processes. It uses scientific method to discover ways of understanding the complexities of human thoughts and behavior, as well as differences among people.

SOCIAL STUDIES

Grade 9

Grade 9 SOCIAL STUDIES

1 Credit SST10F

In the course, **Canada in the Contemporary World**, students study various aspects of Canadian society as well as our relationship with the rest of the world. Major themes in the course include diversity and pluralism in Canada, democracy and governance in Canada, Canada in the global context, and opportunities and challenges in Canada. Students will gain an appreciation for being Canadian, as well as the many opportunities available to them living in a developed nation.

Grade 10

Grade 10 GEOGRAPHY

1 Credit GEO20F

In the course **Geographic Issues in the 21st Century** students study basic geographic literacy skills such as map analysis/interpretation and basic geographic concepts before moving onto a study of Canada, North America, and the world. Units of study will be based on the following themes: natural resources, food, industry and cities. Students will develop geographic skills, values, and knowledge to help them be better global citizens, manage ideas and information, as well as communicate and think critically.

Grade 10 AMERICAN HISTORY

1 Credit AMH20G

American History is a course meant to create a greater understanding of significant historical events that shaped the United States with an emphasis on those historical developments that have influenced the world, especially Canada. The course will help students explore and better understand the impact that American history has had on shaping American society and influencing other areas of the world.

Grade 11

Grade 11 CANADIAN HISTORY

1 Credit HIS30F

The grade 11 **History of Canada** course has citizenship as a core concept and teaches students how to think historically. Guided by essential questions, students are engaged in historical inquiry focusing on the history of Canada from pre-contact times to the modern era. Through this process, students are better able to understand Canadian History through the lens of historical concepts, such as continuity and change and historical perspective. Students will also learn to analyze source materials in order to better understand perspectives and to critically analyze the media they are exposed to.

Grade 11 PHYSICAL GEOGRAPHY

1 Credit GEO30F

The grade 11 **Physical Geography** course is a survey course that will provide an introduction to the large field of physical geography. Students will gain an understanding of an appreciation for the forces at play and the impact of physical geography on the planet, as well as the human interactions with and influences on these systems. Students will explore the structure of the earth, earth forces, climate and weather systems, soils and vegetation, and water systems. As well, students will explore the role humans play in a sustainable future.

Grade 12

Grade 12 HISTORY: CINEMA AS A WITNESS TO MODERN HISTORY 1 Credit HIS40S

History: Cinema as a Witness course uses cinema as a teaching tool to help students go beyond the experience of film as entertainment and as a source of information. Film is particularly well suited to the development of historical perspectives and empathy across differences in time and place – concepts that can be challenging for youth in our present-oriented world. Through film analysis and critique, students will develop an understanding of the events, people and developments that have shaped world history since the beginning of the 20th century.

Grade 12 GLOBAL ISSUES: CITIZENSHIP & SUSTAINABILITY 1 Credit SST40S

In **Global Issues** students conduct inquiries into the social, political, environmental, and economic impact of contemporary and emerging issues in the world. Through their inquiry, students focus on questions related to quality of life locally, nationally and globally. The Global Issues course encompasses the principles of active democratic citizenship, ecological literacy, critical media literacy and ethical decision-making to empower students as agents of change for a sustainable and equitable future. A component of the course is the planning and implementation of a *take-action* project. This course is participatory in nature and involves daily discussions of ideas and issues, as well as daily looks at the news of the day!

Grade 12 CURRENT TOPICS IN FIRST NATIONS, MÉTIS AND INUIT STUDIES 1 Credit TIN40S

Current Topics in First Nations, Métis and Inuit Studies examines the histories, traditions, cultures, world views and contemporary issues of Indigenous peoples in Canada and worldwide. Students develop critical thinking, communication, analytical and inquiry skills that will enable them to better understand past and present realities of Indigenous peoples. Other topics include self-determination, self-government, and language and cultural reclamation, allowing students to better understand and work towards the post-colonial future envisioned by Indigenous peoples.

This course is beneficial for students considering future studies in education, sociology, social work, health care, social justice and political science for example.

Grade 12 WORLD OF RELIGIONS 1 Credit WRE40S

Within the academic study of religion, a central methodological concern is defining the term religion. Defining religion first became a problem with the 'discovery' of non-Judeo-Christian religious beliefs. Rather than being solely a scholarly issue, arriving at and agreeing upon a workable definition has important consequences for the implementation of any project involving religion and the school system. A key challenge is that many definitions of religion are implicitly tied to an individuals' own faith commitments, or lack thereof, and thus reflect a particularistic or idiosyncratic notion of religion. For example, although most people would recognize as religious traditions not holding to the existence of gods, deities, angels, or concrete after-death existence, belief in a God or gods is commonly considered the hallmark of religion. Even within particular faith communities, the definition of a member varies according to interpretation and practice. There are thus two interrelated dangers in coming to a definition: that it may be too exclusive to capture what we commonly recognize as religious or that it may be so inclusive as to lack explanatory power. As a concept, religion allows us to group, analyze, and understand apparently disparate human phenomena. With this in mind, we may understand a religion as any system of thought, symbol, belief, and action, possessing explanatory power with respect to existential or meaning-making questions, which speak to the foundations of reality, both physical and metaphysical.

The **Law** course is designed to familiarize students with the law and law courts systems in Canada, students will explore the Canadian legal system, the Charter of Rights and Freedoms, human rights, criminal law, civil law and family law. Students will have opportunities to view actual trials, ask questions of guest speakers from various backgrounds in the legal field and explore major issues facing the legal system today. There will be opportunities to engage in regular discussions and to share opinions on a variety of legal issues. Students will be tasked, on a regular basis, to apply their knowledge through case study analysis, documentaries, and news articles. A tour of the Manitoba Law Courts will occur.

PHYSICAL EDUCATION AND HEALTH

Grade 9

Grade 9 PHYSICAL EDUCATION

1 Credit PED10F

Physical education is compulsory in grade 9, offering a wide variety of sports, activities, and lifetime pursuits throughout both semesters. Health education will include topics such as fitness, nutrition, smoking/tobacco awareness, and sexual education.

Grade 9 PHYSICAL EDUCATION (Hockey Academy)

1 Credit PEH10F

Students who are interested in hockey may choose to take physical education that includes a hockey focus. On-ice sessions will further develop individual hockey skills: skating (edgework), stickhandling, shooting, and agility. In class, we will focus on health curriculum as well as hockey related topics. Full equipment that meets Hockey Canada standards is required. ****Equipment drop-off and pick up is required for each class***

Grade 9 PHYSICAL EDUCATION (Dance Focus)

1 Credit PEM10F

Students interested in dance may choose to take physical education with a dance focus. Emphasis will be on dance movement and dance technique. Included is a health and personal planning component through a study of fitness management, mental health, substance use and abuse prevention and the social impact of sport. The physical activity component of the course will be satisfied in class time.

Grade 9 PHYSICAL EDUCATION LEADERSHIP

.5 Credit PEL15G

This is primarily a classroom-based course with the focus on leadership theory, skills, coaching and personal development. Students will explore what is involved in leadership styles, teamwork building/strategies, organization, volunteerism/philanthropy and outdoor education experiences. As part of course requirements students will develop presentations about themselves, a leader who they respect, and an original game that they will teach to the class in the gym and/or outdoors. Having strong abilities to work with others, participate actively in the course (classroom, gym and outdoor environments), and the willingness to volunteer for school and/or community-based activities are recommended.

Grade 9 WEIGHT TRAINING

.5 Credit WTT11G

This course introduces students to the fundamentals of weight training: fitness, safety, proper warm-up/cool-down exercises, flexibility, proper lifting technique and the use of machines/equipment. Students will develop a personal workout plan based on the course's guiding principles and their own individual physical development.

Grade 10 PHYSICAL EDUCATION 1 Credit PED20F

Physical Education 20F is compulsory in grade 10 and involves the pursuit of a wide variety of sport activities and lifetime pursuits. Health education will include topics such as CPR (heart saver), an understanding of drugs and alcohol and sexual education (responsible behaviour, conception control). All health units, including fitness training, are compulsory for obtaining credit in this course.

Grade 10 PHYSICAL EDUCATION (Hockey Academy) 1 Credit PEH20F

Students who are interested in hockey may choose to take physical education that includes a hockey focus. On-Ice sessions will further develop individual hockey skills: skating (edgework), stickhandling, shooting, and agility. In class, we will focus on health curriculum as well as hockey related topics. Full equipment that meets Hockey Canada standards is required. ****Equipment drop-off and pick up is required for each class***

Grade 10 PHYSICAL EDUCATION (Dance Focus) 1 Credit PEM30F

Students interested in dance may choose to take physical education with a dance focus. Emphasis will be on dance movement and dance technique. Included is a health and personal planning component through a study of fitness management, mental health, substance use and abuse prevention and the social impact of sport. The physical activity component of the course will be satisfied in class time.

Grade 11

Grade 11 PHYSICAL EDUCATION (Active Healthy Living) 1 Credit PED30F

This course intends to help youth take greater ownership of their own physical fitness, encourage them to seek out activities that interest them, and engage in active lifestyles into their futures. Students will study topics related to fitness management, mental health, substance use and abuse prevention, and the social impact of sport. **The focus of this content will be on health and life-long participation/fitness. This course will consist of 50% in-class topics and 50% of a personal physical activity plan practicum.**

Grade 11 PHYSICAL EDUCATION (Hockey Academy) 1 Credit PEH30F

Students who are interested in hockey may choose to take physical education that includes a hockey focus. On-Ice sessions will further develop individual hockey skills: skating (edgework), stickhandling, shooting, and agility. In class, we will focus on health curriculum as well as hockey related topics. Full equipment that meets Hockey Canada standards is required. ****Equipment drop-off and pick up is required for each class***

Grade 11 PHYSICAL EDUCATION (Dance Focus) 1 Credit PEM30F

Students interested in dance may choose to take physical education with a dance focus. Emphasis will be on dance movement and dance technique. Included is a health and personal planning component through a study of fitness management, mental health, substance use and abuse prevention and the social impact of sport. The physical activity component of the course will be satisfied in class time.

Grade 11 PHYSICAL EDUCATION (Personal Health & Fitness) 1 Credit PEW30F

This course is designed to build on the knowledge, skills, and attitudes introduced in previous Physical Education courses. Students will continue to develop and build on the fundamentals of weight training and fitness room principles. The course will focus on various areas of weight training and fitness components, including safety when training, proper warm-up exercises, correct lifting technique, and appropriate cool-down activities. Students will study topics related to fitness management, mental health, substance use and abuse prevention, and the social impact of sport.

Grade 11 OUTDOOR LEADERSHIP 1 Credit PEL31G

This practical course is meant for students with a special interest in outdoor physical activity and survival skills. Who value healthy, active living and respect their natural surroundings. Through the nature of experience, students will need to exhibit a high level of initiative, maturity, responsibility, and dependability; focusing on safety when learning about survival skills such as: how to build a fire, shelter, quinzhee and forage for food. Students will step out of their comfort zones to enhance their skills in leadership (self-discovery), teamwork (interpersonal relationships), resiliency, perseverance, intelligent risk-taking and survival strategies. Students need to be prepared to have most classes outdoors with the possibility of an overnight camping/canoe trip. Potential activities may include snow shoeing, cross country skiing, shoveling snow in the neighbourhood, canoeing, fishing, mountain biking and/or hiking.

Grade 12

Grade 12 PHYSICAL EDUCATION 1 Credit PED40F

This compulsory course, designed to help youth take greater ownership of their own physical fitness, will encourage them to seek out activities that interest them and engage them in future active lifestyles. Students will study topics related to fitness management, mental health, substance use and abuse prevention, and the social impact of sport. The focus of this content will be on health and personal planning. These topics will make up the core 50% in-class component of the course content. Students will be required to develop and implement the remaining 50% of the course on their own time in a personal physical activity plan as part of the physical activity practicum. Students study safety and risk management planning to minimize the associated risks of the activities they have chosen.

Grade 12 PHYSICAL EDUCATION (Personal Health & Fitness) 1 Credit PEW40F

This course is designed to build on the knowledge, skills, and attitudes introduced in previous Physical Education courses. Students will continue to develop and build on the fundamentals of weight training and fitness room principles. The course will focus on various areas of weight training and fitness components, including safety when training, proper warm-up exercises, correct lifting technique, and appropriate cool-down activities. Students will study topics related to fitness management, mental health, substance use and abuse prevention, and the social impact of sport.

Grade 12 PHYSICAL EDUCATION (Hockey Academy)

1 Credit PEH40F

Students who are interested in hockey may choose to take physical education that includes a hockey focus. On-ice sessions will further develop individual hockey skills: skating (edgework), stickhandling, shooting, and agility. In class, we will focus on health curriculum as well as hockey related topics. Full equipment that meets Hockey Canada standards is required.
****Equipment drop-off and pick up is required for each class***

Grade 12 PHYSICAL EDUCATION (Dance Focus)

1 Credit PEM40F

Students interested in dance may choose to take physical education with a dance focus. Emphasis will be on dance movement and dance technique. Included is a health and personal planning component through a study of fitness management, mental health, substance use and abuse prevention and the social impact of sport. The physical activity component of the course will be satisfied in class time.

INFORMATION TECHNOLOGY STUDIES

Information Technology Studies offers students the opportunity to build their expertise in this field and prepare for postsecondary studies in computer technology. Below is a breakdown of areas of focus:

Programming Focus

- Computer Science 20S
- Computer Science 30S
- Computer Science 40S

Multi-media/Software Focus - Computer graphics courses for those with artistic interests:

- Digital Media 20S
- Web Design 30S
- Animation 30S
- Graphics 15G, 20G, 30G, 40S (see TAA section of handbook)

Computer Technician/Hardware Focus (Experiential Learning) - Interested in computer maintenance and upgrading?

- Electronics 15G, 20G, 30G, 40G (see TAA section of handbook)

Grade 10

Grade 10 DIGITAL MEDIA

1 Credit DMD20S

Students will be given the opportunity to examine and create traditional and non-traditional media products that combine print, video, animation, live audio, special effects, recorded-audio and/or interactive components. This course develops students' voices through photography, animation, film, illustration, special effects and industry standard Adobe Suite CS3.

Grade 10 COMPUTER SCIENCE

1 Credit CSC20S

Computer Science 20S introduces students to the art of computer programming by exposing them to the principles and practices of programming. Introduced to students is the essential foundation of computer programming: basic code flow, loops, switches and functions. Students will practice and develop their programming skills through the creation of simple 2D and/or 3D video games using a variety of computer languages.

Grade 11

Grade 11 COMPUTER SCIENCE

1 Credit CSC30S

Computer Science 30S students will continue developing their programming skills through the design and creation of Windows applications, videogames and mobile phone applications.

Grade 11 WEB DESIGN

1 Credit WEB30S

Website Design and Interactive Websites is a course designed for grade 11 students interested in learning how to create dynamic and interactive websites. Students will learn the fundamentals of web design and development, including HTML, CSS, and JavaScript. They will learn how to design and code responsive websites that adapt to different screen sizes and devices. They will also learn how to create interactive features such as forms, animations, and dynamic content using JavaScript. Through hands-on projects and real-world examples, students will gain a solid understanding of web design principles and best practices. By the end of the course, students will have the skills and knowledge to create their own interactive websites.

Grade 11 ANIMATION

1 Credit ANI30S

Animation 30S will begin by providing students with skills and knowledge to create two- and three-dimensional animations. Students will learn about types of animation, working with audio, video and video editing by using industry standard software, the Adobe Master Suite.

Grade 12

Grade 12 COMPUTER SCIENCE

1 Credit CSC40S

Computer Science 40S is a project-based programming course. The course gives students opportunities to write programs and develop project management skills in a team-programming environment that closely reflects industry projects.

VISUAL AND PERFORMING ARTS

Art

Grade 9 ART .5 Credit ART15S

Students gain experience with a variety of materials, an introduction to design and confidence for further study in art.

Grade 10 ART 1 Credit ART 20S

Students continue work in the areas of pottery, painting, drawing and design, building on previous learning and developing a more skilled approach to their art.

Grade 11 ART 1 Credit ART30S

Using basic skills developed in grade 10, students will expand their practice, increasing their understanding of artistic concepts and materials. Students engage in mixed media, painting and presentations of their work.

Grade 12 ART 1 Credit ART40S

Students produce a large body of artwork, sharing their product with audiences and opening themselves to critique. This course is for the serious art student who is interested in further pursuit of art education, both informally and at the post-secondary level. Students will be involved in lectures, presentations and critiques and work independently, critically and creatively to produce art pieces. Art history, theory and procedure will be included at this level.

Drama

Grade 9 DRAMATIC ARTS .5 Credit DRA15S

Through games, activities and improvisation, students have opportunities to explore the elements of drama. This course provides a fun, energetic environment that encourages students to develop skills and increase confidence in expressing themselves through drama. No prior experience required.

Grade 10 DRAMATIC ARTS 1 Credit DRA20S

Dramatic Arts 20S is designed to help students learn about themselves and others through the exploration of dramatic elements. Students explore techniques of relaxing and energizing, ways of focusing concentration, as well as exercises in listening, seeing, and moving to improve their sensitivity to the world around them. Students improvise and role-play so that they are able to have fun and to appreciate others.

Grade 11 DRAMATIC ARTS/PLAYWRITING 1 Credit DRA30S

Dramatic Arts 30S seeks to give students a wider understanding of self and the world around them through an analysis and study of the script, the director, and the actor. Students are challenged to analyse and interpret the writing of others through the implementation of dramatic elements, talk/voice/speech design and the use of sound. Students who would like to write dialogue that becomes a scene or short play will have this opportunity.

Grade 12 DRAMATIC ARTS/PLAYWRITING

1 Credit DRA40S

Dramatic Arts 40S connects students' experience of the previous two years with a growing knowledge of themselves, others and the elements of drama to communicate a personal dramatic statement. Students create original, collective creations that make use of all that has been learned in both acting and the technical aspects of theatre. There is no prerequisite course but students must have a willingness to be active and engaged.

Theatre Production

Grade 10/11/12 DRAMA – TECHNICAL THEATRE

1 Credit DTP20S/30S/40S

Technical Theatre Production is an engaging course designed to introduce the student to the world of theatre productions. Students will have an opportunity to be in the role of the director, producer, and stage manager. As well, Students will get to participate in set, lighting and sound design and learn the secrets of practical special effects for the stage including trick props and special effects makeup.

Grade 9/10/11/12 DRAMA – PRODUCTION

1 Credit DRP10S/20S/30S/40S

Students can earn a credit for participation in the school musical or dramatic production. Students can develop skills in acting, singing, dancing and movement or, behind the scenes, they can learn about sound, lighting, set design, prop construction, stage management, costume design and hair and makeup. **To be considered for this credit, students must audition in the fall**, attend rehearsals outside of the regular school schedule and participate in the final production week.

Band

Grade 9/10/11/12 CONCERT BAND

1 Credit MBD10S/20S/30S/40S

Concert band is a large performance ensemble that builds on skills developed in middle school band programs for grade 9 students, and previous high school band experience for those in grade 10-12. The primary focus in band is on performance using a variety of methods and a variety of music that ranges from traditional band repertoire to current popular music. Other topics studied are music theory, techniques and listening skill development. Activities throughout the year may include concerts, community performances, festivals and a spring trip. Previous band experience is recommended.

Grade 9/10/11/12 JAZZ BAND **Co-requisite: Concert Band 10S**

1 Credit JRE10S/20S/30S/40S

Jazz Band is open to all students enrolled in Concert Band. The jazz band is a “big band” format that covers a wide range of music. Students are encouraged to develop technical and musical skill on their instruments. Other topics are jazz listening, theory and history as well as beginning improvisation. Activities planned for the year may include concerts, festivals (including the Brandon Jazz Festival), a spring trip, and community performances. Previous Jazz Band experience is not required.

Grade 9/10/11/12 STAGE BAND **Co-requisite: One year of playing experience**

.5 Credit STB15S/25S/35S/45S

NEW this year, STAGE BAND is open to all students enrolled in any level of Concert Band. This performance-based group will be focused on higher level pop and rock jazz band arrangements with the addition of vocals on many of the songs. The STAGE BAND will perform two full length concerts of their own during the school year as well as have the opportunity to attend and perform at festivals and at various venues within the community.

*Since this group only meets once per week at the end of the school day, students should ensure that there are no scheduling conflicts with other commitments before choosing this course.

Choral

Grades 9/10/11/12 CHOIR

1 Credit CHO10S/20S/30S/40S

This course gives students of all singing abilities the opportunity to develop their vocal skills and encourage a love of singing. Pursued are styles that include classical, folk, gospel, contemporary and pop. Performance opportunities include school concerts, festivals and the spring tour.

Grades 9/10/11/12 CHAMBER CHOIR

1 Credit CHC10S/20S/30S/40S

Students must be enrolled in Choir to register

This choir is for the student who enjoys challenging repertoire including singing in many languages. Students will continue to develop their skills while gaining vocal independence in a small ensemble setting. **Chamber choir is an auditioned ensemble with auditions taking place in the fall.** Performance opportunities include school concerts, festivals, community performances and the spring tour. As this choir rehearses before school and at lunch, students must be able to commit to these rehearsal times.

Grade 9/10/11/12 VOCAL JAZZ

1 Credit VJZ10S/20S/30S/40S

This is a vocal ensemble course open to all interested students. The focus of this course is vocal performance using a wide repertoire including jazz, pop, swing and traditional. Previous vocal experience is recommended but not necessary. Students will participate in a variety of activities including vocal music listening, solo singing, improvisation, singing as a group and developing vocal technique. Performance opportunities include school concerts, local festivals and the Brandon Jazz Festival. As this choir rehearses before school/at lunch/after school, students must commit to these rehearsal times. Vocal jazz is an auditioned ensemble with auditions occurring in the fall.

Piano

Grade 9 INTRO TO PIANO

.5 Credit PNO15S

An introduction to piano skills through group and individualized instruction. This program is designed for students who have little of no formal training on piano. Students learn basic music notation and the skills required for playing simple to intermediate level piano repertoire. Home practice is not required since students can do all of their practicing at school. Students progress at their own speed, with exposure to different playing styles and repertoire. Emphasis is on music theory, sight-reading, performance, and accompaniment skills.

Dance

Grade 9 DANCE

.5 Credit DAN15S

Students will develop introductory skills and techniques, exploring dance as an art form and means of self-expression as well as to develop creativity, self-discipline and cooperation. Students will experience a range of dance disciplines with an emphasis on jazz and hip-hop. Performance being an essential element of all dance classes, students can expect to participate in an end-of-semester dance exhibition.

Grade 10 DANCE

1 Credit DAN20S

Students will develop dance techniques and skills in jazz, lyrical, ballet and hip-hop, focusing on technical development and creative expression. Students will learn about the process of creating choreography and movement that lead to live performances. Performance being an essential element of all dance classes, students can expect to participate in an end-of-semester dance exhibition.

Grade 11/12 DANCE

1 Credit each DAN30S/40S

Grades 11 and 12 dance continues to build on skills and dance styles previously learned. There is an emphasis on proficient technical development and continued practice of dance styles and students create their own choreography through improvisation skills. Performance being an essential element of all dance classes, students can expect to participate in an end-of-semester dance exhibition.

FRENCH

The objective of the French Culture and Communication program is to develop in students:

- a good foundation in French from which to pursue fluency
- a chance at becoming bilingual in future years
- an appreciation of other languages, diversity, cultures and communities

Grade 9 FRENCH 1 Credit FRE10F

Learn to apply French vocabulary and conversational structures in authentic situations. The four language components are for practical use in our bilingual country and abroad: reading, writing, oral and listening skills. BIENVENUE!

Grade 10 FRENCH 1 Credit FRE20F

The basis of this program is oral and written communication. The course builds on skills in French 10F. Students continue to work at developing a language base with specific grammar structures and activities. The focus will be on oral communication. Evaluation is on projects and oral presentations.

Grade 11 FRENCH 1 Credit FRE30S

The program offers the students a variety of activities that promote language learning. The course offers students an opportunity to understand the meaning of different types of texts. The focus continues to be on communication. Students will come to place value on their own culture and that of others while developing confidence about using French to communicate their ideas and interests.

Grade 12 FRENCH 1 Credit FRE40S

The course offers students the opportunity to communicate ideas and thoughts orally and in written form. Students will be involved in discussions, activities and projects that reflect their prior learning. Evaluation is on students' written skills and oral presentations.

OJIBWE

(Beginner Ojibwe – Anishinaabemowin)

Grade 9 OJIBWE 1 Credit OJI10S

This course is designed to introduce students to Anishinaabemowin (Ojibwe language). Through offering this course, the hope is to build a pathway to revitalizing Indigenous languages and create a pathway to a brighter future. The focus of this course will be to provide students with the basic framework of Anishinaabemowin through listening, speaking, reading, viewing and writing opportunities in order to enhance the learners understandings of pronunciation and language.

APPLIED COMMERCE

Grade 9 BUSINESS INNOVATIONS 1 Credit BUS10S

Business innovations is a course that will introduce students to the world of business. It will involve general background knowledge in the areas of economics, entrepreneurship, business, marketing, technology, and finance. Students will apply the concepts and strategies they learn to a variety of creative business projects including starting their own venture. Whether students are pursuing a career in business or just want to learn more about business in everyday life, this course provides a foundation.

Grade 10 PERSONAL FINANCE 1 Credit FIN20S

Personal finance focuses on developing financial literacy skills including the value of money, basic economics, budgeting, saving, financial institution services and investing. This is especially relevant to high school students since they are entering the workforce and considering future purchases that require financial planning such as buying a car, travelling or pursuing post-secondary education. Since financial literacy is a life skill, this course is a good option for all students.

Grade 11 ACCOUNTING ESSENTIALS 1 Credit ACC30S

Accounting Essentials 30S helps students gain an understanding of basic accounting. With an emphasis on accounting for a service business, students will apply knowledge and skills to complete the stages of the accounting cycle. Accounting Essentials provides the fundamentals of accounting and is beneficial for any student who considers further studies in business and finance at the post-secondary level.

Grade 12 ACCOUNTING SYSTEMS 1 Credit ACC40S

Prerequisite: Accounting Essentials 30S

Accounting Systems 40S is an extension of Accounting Essentials 30S. With an emphasis on accounting for a merchandising business, students will apply their knowledge and skills to complete the stages of the accounting cycle. The course includes an introduction to financial analysis and corporate accounting and is useful in business, accounting careers or for everyday life.

Grade 12 BUSINESS MANAGEMENT 40S 1 Credit BMM40S

Business Management focuses on developing skills in planning, leading, organizing, controlling, and staffing. Students will study various management styles and participate in activities related to human resources, inventory, finance, and project management. This course is designed for students interested in furthering their knowledge of management strategies used in various settings and furthering their knowledge of business ownership.

CAREER DEVELOPMENT

Career development courses prepare grade 10, 11 and 12 students for today's workplace realities where students learn skills like: resume writing, interview preparation, navigating on-line applications, time management, cell phone etiquette, hygiene in the workplace, health & safety education, apprenticeship opportunities and career exploration.

Grade 10 CAREER DEVELOPMENT: Life/Work Planning 1 Credit LWP20S

Career development Life/Work Planning is a course that will help students develop skills to make appropriate decisions for life, work, and the essential post-secondary education/training that is required in today's economy. Student will explore potential Occupations, and will learn how to develop a proper resume, cover letter, and electronic portfolio. In addition, they will look at topics such as employability skills, interview skills, workplace health and safety, and personal management skills.

**Grade 11 & 12 CAREER DEVELOPMENT: Life/Work Transitioning 1 Credit LWB30S
1 Credit LWT40S**

The purpose of this course is to support students in their transition from high school to the world of work or further education and training. This course extends beyond the walls of the classroom, enabling students to become aware of the realities and expectations of the workplace. Students will start in class to develop career tools, but then transition to a work placement within the community. This will be off-site, and students are responsible for transportation to their work placement. This may require the use of a vehicle or public transportation.

TECHNOLOGY AND APPLIED ARTS

Drafting

Grade 9 DRAFTING .5 Credit DFT15G

Every building entered, every product used, everything from a simple bottle opener to the space shuttle began as a drawing on a drafting table. Courses in drafting technology can lead to careers in architecture, interior design, mechanics, electronics, illustration and aeronautics.

Grade 10 DRAFTING DESIGN TECHNOLOGY 1 Credit DFT20G

This is an introductory course emphasizing hands-on experience. It is for students to develop basic drafting skills. Along with exploring skills, students are exposed to the world of CAD (computer aided drafting), now the industry standard. The program will offer experience in the following areas: basic tool usage, geometric applications, sketching, dimensioning, multi-view pictorial drawings, and CAD applications.

Grade 11 PRODUCT MANUFACTURING & ARCHITECTURAL DESIGN 1 Credit DFT30G

Prerequisite: Drafting Design Technology 20G

Course focus is to explore fundamental aspects of design and create updated or original products designed for every-day use. Students study basic architectural concepts and use CAD programs Autodesk Fusion 360 for product design and Autodesk Revit for architectural design.

Grade 12 DRAFTING: APPLIED TECHNOLOGY 1 Credit DFT40S
Prerequisite: Drafting 30G

Drafting 40S focuses on accepted drafting and design requirements such as material properties, codes and standards used in products and architecture. Students explore environmental factors such as climate, thermal comfort, daylighting and acoustics while considering sustainability and universal design principles. Required is an established knowledge of Autodesk Fusion 360 and Autodesk Revit Programs.

Woodworking

Grade 9 INTRODUCTION TO WOODWORKING .5 Credit WDS15G

Woodworking courses provide students with experiences in design, production planning and project construction. Students will learn the use of tools in a safe and proper manner.

Grade 10 WOODWORK TECHNOLOGY 1 Credit WDS20G

This is an intermediate level course with emphasis on design, planning and safety. These experiences involve the proper use of a variety of materials and hardware, along with experience in advanced power tool methods and use. Students will learn new technologies in woodworking such as CNC machining.

Grade 11 WOODWORKING - MANUFACTURING TECHNOLOGY 1 Credit WDS30G
Prerequisite: Woods 20G

This is an advanced course for students who have mastered basic skills in product design and planning and the safe use of hand and power tools. The emphasis is on self-development and independent work.

Grade 12 WOODWORKING – APPLIED TECHNOLOGY 1 Credit WDS40S
Prerequisite: Woods 30G

This course offers students more freedom to select and build a project of their own. This independent project will reflect the woodworking skill set accumulated in previous grades. Students must follow all safety rules.

Electronics

Grade 9 ELECTRONICS .5 Credit ELE15G

In this introduction to electronics technology course, students will construct projects beginning with circuit design and working through to troubleshooting and repair. We will identify, test, and install electronic components using electronic testing equipment. We will utilize computer-controlled machines to create many aspects of our classroom projects.

Grade 10 ELECTRONICS 1 Credit ELE20G

No prerequisite required for this level. Electronics 20G will expose students to the basics of electricity, electronics and provide practice with modern testing equipment. Using computers throughout the course, students will learn the fundamentals of computer-controlled technology, circuit design and requirements. Projects include Flashing LED projects, and mini electric guitars.

Grade 11 ELECTRONICS 1 Credit ELE30G

No prerequisite required for this course. Computer technology in today's society occurs through digital electronics. Lab and project work deal mainly with logic circuits and microcontroller operation. Students construct projects with significant creative elements, program handheld games, learn 3D modeling/printing, as well as the uses of CNC technology.

Grade 12 ELECTRONICS 1 Credit ELE40G

Students will utilize every element of advanced technology we have available to create their main and personal option projects. From microcontrollers to laser engravers, to 3D printers and CNC machines students will be immersed in machines and tools that are greatly emerging in manufacturing spaces. Opportunities for creating creative projects in this course are greatly encouraged from programmed clocks to cosplay items. There is a wide range of opportunities for students to develop meaningful immersive projects.

Robotics

Grade 10 ROBOTICS

1 Credit ROB21G

Students will construct robotics projects while learning scientific/engineering concepts such as hydraulics, gears, electricity and electronic components. Projects include a hydraulic arm, sumo robot, light-seeking robot and the "beetle bot". Students will also learn how to program robots using computer software and robotics kits.

Engineering

Grade 9 INTRODUCTION TO ENGINEERING

.5 Credit ITE15G

This is a class for students with an interest and passion for the sciences and its application in solving "real-world" problems. This class enhances students' problem-solving and group collaboration skills through a series of hands-on activities. Design challenges and activities are used through field-specific lessons to explore the various fields of engineering. Example projects include bottle rockets, CO2 cars, tower building, electric generators, gliders and vertical gardens.

Grade 10 ENGINEERING

1 Credit ITE20G

This is a class for students with an interest and passion for the sciences and its application in solving real-world problems. This class explores and enhances students' problem-solving skills and group collaboration skills through a series of hands-on activities. Students learn the practical application of math and the sciences to real world situations and the various fields of engineering through field-specific lessons and hands-on activities. Example projects include mousetrap cars, bridge building, vertical gardens, electrical generators, airfoil gliders, trebuchets and CO2 cars.

Graphic Arts

Grade 9 GRAPHIC COMMUNICATIONS TECHNOLOGY

.5 Credit GRA15G

This course will teach students how to use Adobe Photoshop to perform different image-processing techniques. Students will learn to create effective web and print images as well as select, move, duplicate and resize images. Tools will create layer effects, use filters, paint, blend and modify colours. Digital SLR cameras will teach the basics of digital photography and composition.

Grade 10 GRAPHIC COMMUNICATIONS TECHNOLOGY

1 Credit GRA20G

Students learn the use of Adobe Illustrator to create logos and Adobe Photoshop to manipulate photographic and illustrated images. With an emphasis on print techniques, students learn about the elements and principles of design and digitally create and print their design projects.

Grade 11 GRAPHIC COMMUNICATIONS TECHNOLOGY Prerequisite: Graphics 20G

1 Credit GRA30G

The course further examines elements and principles of design in students' work through Adobe InDesign and Adobe Dreamweaver. Skills that are developed include layout design, web design, photography basics and illustration. Students create parts of the school's yearbook.

Grade 12 GRAPHIC COMMUNICATIONS TECHNOLOGY
Prerequisite: Graphics 30S

1 Credit GRA40S

Students examine design and message through graphic novels, comic books, comic strips, web-comics and character creation. Students learn to critically consider and apply elements and principles of design to communicate with clarity. Adobe Creative Suite (Photoshop, Illustrator, InDesign, Dreamweaver, Lightroom and Premiere) is used. Students create parts of the school's yearbook.

Family Studies

Grade 9 FAMILY STUDIES

.5 Credit FST15S

Grade 9 family studies 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.

Grade 10 FAMILY STUDIES

1 Credit FST20S

Grade 10 family studies 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.

Grade 11 FAMILY STUDIES

1 Credit FST30S

Grade 11 family studies 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.

Grade 12 FAMILY STUDIES

1 Credit FST40S

Grade 12 family studies emphasizes the transition from adolescence to adulthood with the ability to examine and practice skills that help develop healthy interpersonal relationships. The skills and knowledge will provide the opportunity for students to make informed and responsible life management choices now and in the future.

Food and Nutrition

Grade 9 FOOD AND NUTRITION

.5 Credit FNT15S

Grade 9 classes focus on the individual and the relationships and influences that affect food choices. Students will examine the fundamentals of nutrition and learn how to apply it to their lives. Students will have opportunities to develop safe food handling and food preparation skills in a practical setting.

Grade 10 FOOD AND NUTRITION 1 Credit FNT20S

Grade 10 classes focus on the individual within the family unit and the influence that marketing and media have on family choices. Students will gain a strong understanding of the categories of nutrients, what bodies need to be healthy. The course provides opportunities for students to prepare food in a practical setting.

Grade 11 FOOD AND NUTRITION 1 Credit FNT30S

Grade 11 classes focus on the individual within the community of Canada, including the influence of physical regions on food choices and personal practices. Students will study food and production in Manitoba and examine food availability within our province. Students will analyze the nutritional composition of food and reflect on nutritional choices. This course provides opportunities for students to apply food preparation in a practical setting.

Grade 12 FOOD AND NUTRITION 1 Credit FNT40S

Grade 12 food and nutrition is a critical examination of the individual as a responsible citizen. Students will explore sustainability and ethical food practices within food production. Students will examine food security and investigate solutions to local and global food accessibility. This course will provide the opportunity for students to apply food preparation skills in a practical setting.

Textile Art and Designs

Grade 9 TEXTILE ARTS AND DESIGN .5 Credit CLO15G

Textile arts and design focuses on the knowledge and skills required to design and create textile products. Students will examine the areas of creative costuming, cultural fashion design and consumer practices that have an impact on individuals and communities. Some of the topics addressed throughout the course include product sustainability, issues within the textile industry, environmental design, social justice influences, and practices in the fashion industry.

Grade 10/11/12 TEXTILE ARTS AND DESIGN 1 Credit CLO20S/30S/40S

Textile arts and design focuses on the knowledge and skills required to design and create textile products. Students will examine the areas of creative costuming, cultural fashion design and consumer practices that have an impact on individuals and communities. Some of the topics addressed throughout the course include product sustainability, issues within the textile industry, environmental design, social justice influences, and practices in the fashion industry.

Human Ecology

Grade 10/11 HUMAN ECOLOGY 1 Credit ECO20S/30S

Human Ecology is a life skills course that focuses on human development and relationships in the context of family and community. This course will encompass areas of study within family studies, food and nutrition, and textile arts and design. The course is relevant to further studies or work in education, health care, social work, child-care, dietary fields and design.

Environmental Design

Grade 11 ENVIRONMENTAL DESIGN

1 Credit EVD30S

Focuses on the development of skills, terms, and knowledge in the field of housing and interior design. The principles and elements of design form the foundation of the course through the application of drafting and designing living spaces. Students identify social justice, sustainability, consumer decisions, and housing security issues within the built environment, and demonstrate the ability to meet the needs of individuals, families, and communities. This course is connected to University of Manitoba and University of Winnipeg Environmental Design programs. This framework outcomes provide flexibility to apply the environmental design in architecture, landscape architecture, interior design, regional and urban planning.

Grade 12 ENVIRONMENTAL DESIGN

1 Credit EVD40S

Focuses on the development of skills, terms and knowledge in the field of housing, and interior design. Students will investigate social justice, sustainability, consumer decisions, housing security, and economic and legal considerations in within the built environment, and the ability to meet the needs of individuals, families, and communities. This course is connected to University of Manitoba and the University of Winnipeg Environmental Design programs. The framework outcomes provide flexibility to apply the environmental design in architecture, landscape architecture, interior design, regional and urban planning.

SEVEN OAKS TECH HUB

For creatives, designers, coders, innovators and builders

TECH HUB EXCHANGE

(62 Albert Street)

THE20S/30S/40S

In partnership with New Media Manitoba, students develop Interactive Digital Media (IDM) skills from industry experts. Students spend a semester every afternoon in the Exchange District developing skills in IDM that mentors and leaders guide at New Media Manitoba.

Students will explore various areas of IDM while finishing the program with a project of their choice. These projects include but are not limited to:

- 3D Modelling
- Concept Art
- Game Design
- Level Design
- Game Project

Content delivered can vary from semester to semester, depending on the interests of the class. Some topics can include:

- Digital Art (2D and 3D)
- Programming Theory
- Game Design
- Production Workflows

This program is offered every semester, where students earn two High school ICT credits based on their learning plans. We currently offer this program at New Media Manitoba (62 Albert Street), Monday to Friday, from 1 to 3 PM.

TECH HUB AFTER SCHOOL STUDIO

(Wayfinders/Maples Collegiate/Garden City Collegiate/West Kildonan Collegiate)

THA10S/20S/30S/40S

Develop programming and interactive digital media skills after school on Tuesdays and Thursdays. Earn High School ICT and University Applied Computer Science credits from the University of Winnipeg while learning from industry leaders and post-secondary faculty. Develop your own projects in cutting-edge technology and learn how to use programs like Scratch, Blender and Adobe Photoshop to create your projects.

After School Tech Hub Tuesday: Dual credit program with the University of Winnipeg.

Semester 1 students take CMP42U and get a University Credit in ACS 1453

Semester 2 students take PRG42U and get a University Credit in ACS 1805

After School Tech Hub Thursday: is a Video Game Development Night with Industry Mentors where students are engaged in various parts of Game Dev, from Sound Creation, Digital Art Design and the basics of generating code.

This is a full-year class, and students leave with the EDM10S credit. Open to grades 9 – 12.

Full-year after-school program. This program is offered every Tuesday and Thursday from 4 PM to 6 PM at Maples and Garden City Collegiate.

BEYOND GRADE 12 NOW

Beyond Grade 12 Now is a unique opportunity for Seven Oaks high school students to earn university and college credits in partnership with University of Winnipeg and Red River College while they are still in high school. These courses are free and considered dual credits; they count for high school graduation and university or college credit with our partner institutions.

Beyond Grade 12 Now courses are:

- following Canadian university or college curriculum
- taught by university or college accredited professors/instructors
- recognized by University of Winnipeg and Red River College

When can students begin *Beyond Grade 12 Now* courses?

Students must have completed 22 high school credits (maintaining a 70% academic average) or have the permission of their school counselor to enroll. Students are generally in grade 12 when they take these courses.

Courses happen during both semesters:

First semester (September to January)

Second Semester (February to June)

Is there a cost for *Beyond Grade 12 Now* Courses?

Course enrolment is **free** (costs are covered by the Seven Oaks School Division) and represents a significant cost reduction to a student's post-secondary program.

Can I withdraw from the course if I find it is not for me?

University or college transcripts will not include courses from which students withdraw two weeks prior to the final exam.

ENGLISH (ELA42U)

University of Winnipeg Course Code: ENGL-1001 (6)

(Students registered will have completed ELA40S or ELT40S English in first semester with a 70% final)

English 17.1001 will be an extended exercise in critical thinking: questioning texts, ideologies, and our own reading practices. We study different genres of literature such as short fiction, drama, poetry and novels, applying a varying critical lens (such as Postmodernism and other literary theoretical frames) at each stage to analyze how the texts are doing the work that they set out to do. The goal of the course is to create a heightened critical awareness combined with an ability to express that awareness in thoughtful, powerful writing. A majority of class time will be discussion-based, with fewer professor lectures and smaller group and class-based engagement with the texts at hand. An emphasis is on formal academic writing skills in anticipation of future work at a university level.

CALCULUS (CAL42U)

University of Winnipeg Course Code: MATH-1103(3) and MATH-1104(3)

(Pre-Requisite: Pre-Calculus Mathematics 40S with a minimum final mark of 60%)

This course covers calculus of a function of one variable. Topics covered include limits, continuity, differentiation, and integration of elementary functions (algebraic, exponential, logarithmic, trigonometric and inverse trigonometric), indeterminate forms and l'Hospital's Rule, and improper integrals. Applications covered include maximization and minimization problems, related rates, curve sketching, area, volume, and arc length. A grade of at least C in this course is required to take MATH-2105(3) - Intermediate **Calculus I**. The material taught is equivalent to the combined material from the University of Winnipeg's MATH-1103 (3) Introduction to Calculus I and MATH-1104 (3) Introduction to Calculus II. Evaluation will include major unit tests and a three-hour final exam. Students take notes during lectures. Completion of all assignments before the next lecture is an expectation. Extra help will be available after each lecture.

APPLIED COMPUTER SCIENCE (ACS42U)

University of Winnipeg course code: ACS-1903 (3)

(CAL40S or APP40S in first semester is the pre-requisite)

This course introduces fundamental programming concepts using an object-oriented programming language. Topics to be covered include, primitive data types and their manipulation, control structures, classes, objects, and arrays. Computing systems and computers are vital to industry, government, and academics. A foundational knowledge of computer science will be an asset for students in any area they choose to explore.

CAREER READY

Seven Oaks School Division offers a variety of incredibly innovative and dynamic Career Ready Program at Maples Collegiate and other sites. If you are interested, please see one of our school counsellors for further information, and check out our website at the following link:

<https://www.7oaks.org/Programs/CareerReady/Pages>

Earn up to 8 credits! All programs begin in September. The following programs are offered to all Seven Oaks School Division students starting in Grade 12:

- Introduction to Aviation Trades and Technology (8 credits)
- Culinary Services (8 credits)
- Hospitality Services (8 credits)
- Health Care Aide (8 credits)
- Heavy Construction (8 credits)
- Introduction to Material Fabrication – Auto Industry (8 credits)
- Early Childhood Educator (8 credits) offered at Maples
- Performing Arts Production and Industry (8 credits)
- Plumbing and Pipe Trades (8 credits)
- Electrical Trades Technology (8 credits)
- Refrigeration and Air Conditioning (8 credits)
- Introduction to Building Trades (8 credits)

SPECIAL LANGUAGE EXAM OPTION

Manitoba high school students may claim special credit for languages in which they are competent in a language that is not included in the regular high school program in accordance with the following guidelines.

- One credit for **one language only** at each grade level to a maximum of four credits.
- Many languages eligible for special credit are Hebrew, Italian, Latin, Spanish, Ukrainian, German, Portuguese, Filipino, Polish, Greek, Slavic, Laotian, Punjabi, Vietnamese, Arabic, Korean, Chinese, Russian, Croatian, Serbian, Slovenian, Hindi, Tagalog and Yiddish, Native Languages, American Sign Language
- The fee is \$25.00.

Our Goals are Student Engagement and Learning



**101 Ridgecrest Ave.
Winnipeg, MB R2V 4T6
204-339-6959**

Instagram: [west_kildonan_collegiate](#)
Blog: <https://westkildonacollegiate.blog/>
Website: www.7oaks.org/school/westkildonan