niverville HIGH SCHOOL

STUDENT COURSE GUIDE

2021 - 2022

GRADUATION REQUIREMENTS

Niverville High School offers an academic program that will prepare students to enter post-secondary institutions such as university or college or to move into the workforce upon graduation. To meet the province's graduation requirements, each student must attain a minimum of 30 credits to receive a Manitoba High School Diploma. Some credits are compulsory; they are designed to ensure a quality education and represent a range of subject areas as chosen by Manitoba Education. The remaining courses may be chosen as electives.

MANITOBA REQUIREMENTS

These are the courses required by the Province of Manitoba for graduation:

English Language Arts	4 credits	Grade 9, 10, 11, 12
Mathematics	4 credits	Grade 9, 10, 11, 12
Physical Education/Health	4 credits	Grade 9, 10, 11, 12
Science	2 credits	Grade 9, 10
Social Studies	1 credit	Grade 9
Geography	1 credit	Grade 10
History of Canada	1 credit	Grade 11

Note: Students planning to attend university will require a minimum of 6 courses at the Grade 12 level with the total number of credits remaining at 30 or higher.

NHS REQUIREMENTS

These are the courses required by Niverville High School as part of our comprehensive educational program:

Career Development	1 credit	Grade 9, 10 (½ credit at each grade level)

Grade 9 "Try-a-Trade"		
Business Innovations	½ credit	Grade 9
Interactive Digital Media	½ credit	Grade 9
Digital Music Production	½ credit	Grade 9
Drama	½ credit	Grade 9
Art	½ credit	Grade 9

Note: Grade 9 students will choose 4 of these 5 courses

SPECIAL GRADUATION RECOGNITION:

Merit: A student who successfully completes a minimum of two (2) credits over and above the 30 credit provincial grad requirement will receive Merit recognition.

Distinction: A student with an average of 90% or higher in any Grade 12 course will receive Distinction recognition for those specific courses.

NHS LEARNING CLUSTERS

Students may choose elective courses from the following learning clusters that suit their interest and allow them to tailor their learning to meet their own goals.

Academic

These courses are designed to provide students with a broad academic base. Many of these courses will provide the knowledge and skills needed to meet the entrance requirements of post-secondary programs. Teaching and learning will emphasize concrete applications of the theoretical material covered in the course and will also emphasize the development of critical-thinking and problem-solving skills. Students have the flexibility to concentrate their studies in the following two focus areas.

Science/Math focus:

Chemistry	Grade 11 & 12
Biology	Grade 11 & 12
Physics	Grade 11 & 12
Computer Science	Grade 10 & 11
Topics in Science	Grade 11
Interdisciplinary Science	Grade 12

Humanities focus:

Reading is Thinking	Grade 9 & 10
French	Grade 9 - 12
Sociology	Grade 11
History (Western Civilization)	Grade 12
Global Issues	Grade 12
Law	Grade 12
Psychology	Grade 12

Digital Technology

This cluster focuses on learning to solve problems, accomplishing tasks, and expressing creativity, both individually and collaboratively. Students will learn to use today's technology for tasks at school and in their personal lives. More importantly, students will learn to adapt to change and be able to independently learn and use new technology as it evolves throughout their lives. Each student should be knowledgeable about technology, be able to use technology readily and effortlessly, and be able to make decisions about her or his use of technology.

Exploration of Interactive Digital Media	Grade 9
Information Communication Technology	Grade 9
Intro to Interactive Digital Media	Grade 10
Digital Pictures & Desktop Publishing	Grade 10
Digital Film Making & Broadcast Media	Grade 10
Keyboarding & Print Communications	Grade 10
Web Design & Interactive Websites	Grade 11
Interactive Digital Asset Creation	Grade 11
Advanced Interactive Digital Asset Creation	Grade 12

Applied Commerce Education

This cluster provides students with opportunities for creating, designing, problem-solving and exploring the various aspects, trends and issues in business.

LifeWorks/Business Innovations	Grade 9
Creative Promotions	Grade 10
Retailing Perspectives	Grade 11
Marketing & Digital Commerce	Grade 12

Performing & Visual Arts

This cluster is intended to support, promote and inspire the growth of all students as artistic learners as they journey towards becoming creative, artistically literate adults and citizens.

Band	Grade 9 - 12
Jazz Band	Grade 9 - 12
Digital Music Production	Grade 9 & 10
Drama	Grade 9 - 12
Art	Grade 9 - 12
Photography	Grade 11 & 12

INTERDISCIPLINARY LEARNING

In Grade 9 and 10 the ELA, Science, Social Studies/Geography courses are taught through an interdisciplinary project-based learning approach.

Interdisciplinary Project-Based Learning is a dynamic, rigourous, student-centered instructional model in which students gain knowledge and skills by investigating and responding to complex questions, problems or challenges. Students learn through a project framework that engages them in solving a real-world problem by answering an open-ended, driving question. They demonstrate their knowledge and skills by creating a public product or presentation for a public audience. As a result, students develop deep content knowledge as well as critical thinking, collaboration, creativity, and communication skills. Through PBL, students develop deep, long lasting learning as they engage in relevant and authentic work.

MANITOBA COURSE REQUIREMENTS

MATHEMATICS

GR 9 MATHEMATICS

This course is intended to prepare students for further mathematics courses when they choose between Essentials Mathematics and Intro to Applied & Pre-Calculus Mathematics in Grade 10. Students will learn numeracy skills; become mathematical problem solvers; further their mental math skills; and learn to communicate and reason mathematically. Students are expected to work both individually and in small groups on mathematical concepts and skills.

GR 10 ESSENTIAL MATHEMATICS

This course of study is designed to provide students with the mathematical understandings and critical thinking skills that are foundational and practical for the workforce and everyday life. This course emphasizes topics like wages and salaries, consumer decisions, and personal finance. Students are expected to work both individually and in small groups on mathematical concepts and skills encountered in a technological society.

GR 10 INTRO TO APPLIED AND PRE-CALCULUS MATHEMATICS

Recommended 70% in Gr 9 Mathematics

The course contains a study of abstract mathematics that emphasizes problem solving, mental mathematics, and the use of technology to investigate ideas. Mastery of algebraic operations, an aptitude for problem solving and an ability to effectively communicate logical solutions to a problem both verbal and in written format is required. This mathematics course is intended for students expecting to further their mathematical studies in the future.

GR 11 ESSENTIAL MATHEMATICS

This course of study is designed to provide students with the mathematical understandings and critical thinking skills that are foundational and practical for the workforce and everyday life. Grade 11 Essential Mathematics emphasizes financial applications, problem solving, decision making, and spatial sense. Students are expected to work both individually and collaboratively in small groups on mathematical concepts and skills encountered in everyday life in a technological society.

GR 11 APPLIED MATHEMATICS

Recommended 60% minimum in Gr 10 Intro to Applied and Pre-Calculus Mathematics

This course is intended for students considering post-secondary studies that require knowledge of problem solving skills using mathematics and technology. It promotes the learning of numerical and geometrical problem solving techniques as they relate to the world around us. Primary goals of Applied Mathematics are to have students develop critical-thinking skills through problem solving and model real-world situations mathematically to make predictions.

GR 11 PRE-CALCULUS MATHEMATICS

Recommended 70% minimum in Gr 10 Introduction to Applied and Pre-Calculus Mathematics

Pre-Calculus Mathematics is designed for students who intend to study calculus and related mathematics as part of their post-secondary education. This course is a study of abstract mathematics with an emphasis on problem solving and mental mathematics. The student is expected to work both individually and collaboratively in small groups and will be challenged in the areas of algebraic operations, problem solving and communication of the logical steps required to arrive at a solution.

GR 12 ESSENTIAL MATHEMATICS

Essential mathematics is designed to provide students with the mathematical understandings and critical thinking skills that are foundational and practical for the workforce and everyday life. The course places emphasis on problem solving, home and vehicle finance, statistics and probability. Students are expected to work both individually and in small groups on mathematical concepts and skills encountered in a technological society.

This course has a Provincial Standardized Assessment.

GR 12 APPLIED MATHEMATICS

Recommended 70% minimum in Gr 11 Applied or Pre-Calculus Mathematics

This course is intended for students considering post-secondary studies that require knowledge of problem solving skills using mathematics and technology. It is context driven and promotes the learning of numerical and geometrical problem solving techniques as they relate to the world around us. The emphasis is on exploring ideas, alternative solutions to a given problem, probable inferences, and the testing of speculation/hypothesis.

This course has a Provincial Standardized Assessment.

GR 12 PRE-CALCULUS MATHEMATICS

Recommended 70% minimum in Gr 11 Pre-Calculus Mathematics

Pre-Calculus Mathematics 40S is designed for students who intend to study calculus and related mathematics as part of their post-secondary education. This course is a study of abstract mathematics with an emphasis on problem solving and mental mathematics. The student is expected to work both individually and collaboratively in small groups and will be challenged in the areas of algebraic operations, problem solving and communication of the logical steps required to arrive at a solution.

This course has a Provincial Standardized Assessment.

SCIENCE

GR 9 SCIENCE

This course will be taught as a part of Interdisciplinary Project Based Learning.

Grade 9 Science is an introduction to fundamental scientific concepts of our world that will encourage students to develop a critical sense of wonder and curiosity about scientific and technological endeavours. Students will examine topics related to physics, biology and chemistry.

GR 10 SCIENCE

This course will be taught as a part of Interdisciplinary Project Based Learning.

This course continues to build students' understanding of fundamental science concepts. Students will become increasingly engaged in the planning, development and assessment of their own learning experiences. They will have the opportunity to work collaboratively with other students, to initiate investigations, to communicate their findings, while engaging in authentic projects. Students will examine topics related to life science, physical science, and Earth and space science.

ENGLISH LANGUAGE ARTS

English Language Arts (ELA) enables learners to increase the complexity and sophistication in the ways they make sense of language, understand language as a system, and use language to explore and design, while being aware of the potential to gain power and agency in the realm of literacy. Through comprehending, communicating, and critical thinking within rich learning experiences, learners develop and deepen competency in using language to meet personal and academic goals.

The goals of the 9-12 English Language Arts curriculum are to give students opportunities to:

- develop flexible and versatile ways of thinking and using language to meet personal, social, and academic needs
- build a sense of self, identity, community, and the world
- sustain a lifelong sense of curiosity, a passion for learning, and an appreciation of the power and beauty of literature, language, and multiple forms of text

GR 9 ENGLISH LANGUAGE ARTS (ELA)

This course will be taught as a part of Interdisciplinary Project Based Learning.

In conjunction with the overarching goals stated above, this course develops the capacity and capability of students to navigate multiple uses of language and literacies and a wide range of texts and contexts.

GR 10 ENGLISH LANGUAGE ARTS (ELA)

This course will be taught as a part of Interdisciplinary Project Based Learning.

In conjunction with the overarching goals stated above, this course develops the capacity and capability of students to navigate multiple uses of language and literacies and a wide range of texts and contexts.

GR 11 ENGLISH LANGUAGE ARTS

The curriculum requires a balance of 50% literary content and 50% transactional content, and offers a wide spectrum of language experiences ranging from print and representational media to literary classics. The learning experiences will center around reading, writing, listening, speaking, thinking and representation.

GR 12 ENGLISH LANGUAGE ARTS - TRANSACTIONAL FOCUS

English Transactional Focus emphasizes the pragmatic uses of language: language that informs, directs, persuades, plans, analyzes, argues, and explains. Students engage with and compose texts primarily for transactional purposes: to gain information or discern another point of view, to compare and weigh ideas, and to conduct daily transactions. The Transactional Focus course addresses a variety of informal and formal discourse, ranging from notes, oral discussions and reports, feature articles, and formal presentations.

This course has a Provincial Standardized Assessment.

GR 12 ENGLISH LANGUAGE ARTS - COMPREHENSIVE FOCUS

This course offers a combination of literary and transactional content. The course offers a wide spectrum of language experiences ranging from print and representational media to literary classics. The learning experiences will center on reading, writing, listening, speaking, thinking and representation.

This course has a Provincial Standardized Assessment.

SOCIAL STUDIES

GR 9 CANADA IN THE CONTEMPORARY WORLD

This course will be taught as a part of Interdisciplinary Project Based Learning.

This course provides students with an opportunity to examine their own society and to define their place as a citizen of our country and of the world. This course will enhance their ability to become informed, active and responsible citizens, and develop the core concept of active democratic citizenship through study of Canada's history and geography. The four foundational skill areas of literacy and communication, problem solving, human relations, and technology are developed throughout the course.

GR 10 GEOGRAPHIC ISSUES OF THE 21ST CENTURY

This course will be taught as a part of Interdisciplinary Project Based Learning.

This geography course focuses on a variety of issues and challenges in the contemporary world. Students will explore the nature of geography and develop skills related to geographical thinking. They will use the methods and tools of geography to examine issues and problems and to propose solutions. They will study concepts related to ownership and development of natural resources, production and distribution of food, development of industry and trade, and increasing urbanization. These issues will be considered in the context of Canada, North America and the World.

GR 11 HISTORY OF CANADA

The objective of this course is to study the historical development of Canada from a colony to an independent nation. In addition to political developments, the course will deal extensively with social and economic issues. Local, national, and international current events are also interwoven into the course.

PHYSICAL EDUCATION/HEALTH

GR 9 PHYSICAL EDUCATION/HEALTH

The Physical Education course consists of a variety of sports, games, and activities in which skill acquisition is emphasized along with the physical health benefits of physical activity in the pursuit of the development of healthy lifelong habits. Students will develop and follow a personal fitness plan.

GR 10 PHYSICAL EDUCATION/HEALTH

The course's primary focus is an introduction to a variety of lifetime physical activities and skills, as well as fitness concepts obtained through theory and practical application. The intent is for the student to be able to devise their own fitness program following sound fitness and physiological principles. Students will receive CPR training.

GR 11 PHYSICAL EDUCATION/HEALTH

This course is designed to help students take greater ownership of their own physical fitness, to encourage them to seek out activities that interest them, and to facilitate students to engage in healthy lifestyles. The focus is on fitness management, mental health, substance use, and the social impact of sport on society. Students will be required to develop a personal physical activity plan as part of their course requirements. The physical component of the course will require students to spend 55 hours involved in a variety of physical activities at the moderate to vigorous intensity level.

Students will be graded on a ***complete or incomplete*** basis.

GR 12 PHYSICAL EDUCATION/HEALTH

This course is designed to help students take greater ownership of their own physical fitness, to encourage them to seek out activities that interest them, and to facilitate students to engage in healthy active lifestyles. The course will focus on fitness management, nutrition, personal and social development and healthy relationships. Students will be required to submit a personal physical activity plan for 55 hours of activity as part of their course requirements.
Students will be graded on a ***complete or incomplete*** basis.

ELECTIVE COURSES

FRENCH

The objective of the Basic French Course is to develop students who will:

- acquire a good foundation in French from which to pursue fluency;
- gain insights into and an appreciation of the francophone culture;
- gain appreciation for languages, cultures, and communities throughout Canada and around the world

GR 9 FRENCH

Recommended Prerequisite: Gr 8 French

The aim of this program is to have students communicate in French about simple daily topics or situations. This communication takes place through reading, writing, speaking and listening.

GR 10 FRENCH

Prerequisite: Gr 9 French

Students will have opportunities to improve oral and written communication in French as they expand their vocabulary in order to express their thoughts effectively on a broader range of personal topics.

GR 11 FRENCH 30S

Prerequisite: Gr 10 French

This course provides students with even more tools needed to become proficient in the language. Students participate in a wide variety of language activities, with greater focus on partner and group interaction.

GR 12 FRENCH

Prerequisite: Gr 11 French

In this course, students practice the language through studying topics of interest. The goal is a high level of proficiency in the nuances of proper oral and written French. Group discussions will include social issues and world events to help prepare students for university, as well as for future employment and personal enrichment opportunities.

SCIENCE

GR 11 TOPICS IN SCIENCE

Topics in Science is a general science course that will follow the interests of the students. The course will include an element of student inquiry, with students investigating scientific issues, both individually and in groups. Through examining scientific topics, students will learn about how science and technology relate as well as the impact of scientific discovery on our world.

GR 11 ELA & TOPICS IN SCIENCE (2 credits)

This is a two-credit course that runs all year and fulfills the ELA requirement for Grade 11. ELA and Topics in Science will be taught through an interdisciplinary approach where Science and ELA skills will be blended in order to explore themes related to "The Unknown and Uncertain". Science fiction is often used as a window to investigate and explore the hopes and fears of the future, but also acts as a mirror to reflect back on who we are. Connections between science, culture, literature, and ourselves will be explored for the purpose of developing strong inquiry skills, scientific perspectives, and an understanding of our world. There will be an emphasis on student inquiry around the following topics: Fairy Tales, Monsters, Fears of the Past/Present/Future, and Space and Technology. Multiple fields of science will be explored throughout the course.

GR 11 BIOLOGY

This course is an essential component of the study of Life Science. It is an introduction to the study of human biology particularly, with strong emphasis on the various anatomical and physiological systems of the human body. Students will learn how these systems function and interact to keep us healthy, and what happens when these systems malfunction.

GR 11 CHEMISTRY

Chemistry is the study of the structure and properties of matter. This course provides students with an introduction to the basic language and fundamental skills of chemistry through studies of the properties of different forms of matter and the chemical reactions that result when types of matter interact. In this class students will learn basic laboratory skills with experiments that relate to the topics developed in the classroom. *A reasonably strong mathematical aptitude is required.*

GR 11 PHYSICS

This course is an overview of the main areas of study in the discipline of physics. Students will learn the basics of describing the movement of physical objects, waves, and electromagnetic phenomena. In doing so, it will provide students with a variety of problem solving techniques, such as graphical analysis, vectors and mathematical reasoning.

A strong mathematical aptitude is required.

GR 12 INTERDISCIPLINARY SCIENCE & PHYSICAL EDUCATION (2 credits)

This is a two-credit course that runs all year and fulfills the Grade 12 PE requirement.

Science and Physical Education will be taught through an interdisciplinary approach with kinesiology as the focus. Using the scientific method, research, and experimentation, students will have the opportunity to create and implement their own fitness plans that complements their own individual physical activities and goals. This course will have an inquiry component as a variety of topics are explored such as physical activity, technology in sport, nutrition, sport psychology, basic biomechanics and advanced training principles and techniques. Students interested in the study of the human body's adaptation to physical training, or careers in personal training, fitness and yoga instructing, chiropractics, athletic therapy, and physiotherapy would benefit from taking this course.

GR 12 BIOLOGY

Grade 12 Biology examines two major areas of biology: genetics and biodiversity. Students will learn how life functions at the cellular level and how biologists classify living things. In learning these topics, students will be introduced to the fundamental processes of all life on Earth and the different forms that life can take.

GR 12 CHEMISTRY

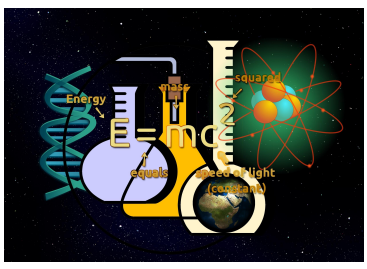
Prerequisite: Grade 11 Chemistry (70% or more recommended)

This course is designed to give students a firm grounding in chemistry concepts and processes. This will be achieved by students understanding and applying chemistry from three perspectives: conceptual understanding (connecting what we see to what is going on at a molecular level), scientific inquiry (actively engaging in demonstrations and labs), and problem solving (using mathematics to predict outcomes). Students will learn to apply analysis methods that are foundational throughout all other chemistry related studies. *A strong mathematical aptitude is required.*

GR 12 PHYSICS

Prerequisite: Grade 11 Physics (70% or more recommended)

Grade 12 Physics examines a variety of topics involving matter, energy, and their interaction. Students will learn to analyze complex situations involving momentum, energy, and gravity, and to learn to be strong problem solvers using mathematical and logical reasoning through examining these topics. *A strong mathematical aptitude is required.*



HUMANITIES

GR 9 READING IS THINKING

Reading is Thinking is designed to improve the literacy skills of students so they can be successful in their learning across a variety of content areas. Students will learn, practice, and internalize strategies that are essential life-long learning skills for proficiency in reading, writing, understanding, and interpreting content specific materials. The strategies learned will be applicable in the content areas of English, Mathematics, Science, and Social Studies. Students will also be encouraged to begin or to continue reading for enjoyment.

GR 10 READING IS THINKING

Grade 10 Reading is Thinking builds on the Grade 9 course and focuses on increasing each student's literacy development. A literate person needs to have a wide range of literacies, so this course will focus on literacy in content areas such as Social Studies, Science, Mathematics and English. Students will think and talk about their thinking process as they read, and practice a variety of reading strategies.

GR 11 ELA & SOCIOLOGY (2 credits)

ELA and Sociology will be taught through an interdisciplinary approach where the Sociology content will be used to develop the skills and four practices of English Language Arts (ELA). This is a two-credit course that will run for a double period in semester two and fulfills the ELA requirement for Grade 11.

Sociology is the study of social life, social change, and the social causes and consequences of human behavior. Students will investigate and seek to understand the structure of groups, organizations, and societies and how people interact within these contexts. A study of Sociology will allow students to be sensitive to opinions of others, develop confidence in expressing informed opinions, develop an appreciation for various perspectives, show a willingness to take a position on an issue and defend it, and learn to reserve judgement until a variety of information is gathered.

GR 11 ELA & TOPICS IN SCIENCE (2 credits)

This is a two-credit course that runs all year and fulfills the ELA requirement for Grade 11. ELA and Topics in Science will be taught through an interdisciplinary approach where Science and ELA skills will be blended in order to explore themes related to “The Unknown and Uncertain”. Science fiction is often used as a window to investigate and explore the hopes and fears of the future, but also acts as a mirror to reflect back on who we are. Connections between science, culture, literature, and ourselves will be explored for the purpose of developing strong inquiry skills, scientific perspectives, and an understanding of our world. There will be an emphasis on student inquiry around the following topics: Fairy Tales, Monsters, Fears of the Past/Present/Future, and Space and Technology. Multiple fields of science will be explored throughout the course.

GR 12 PSYCHOLOGY

Psychology is the scientific study of behaviour and mental processes. Studying psychology gives students life-long skills such as dealing with issues proactively, solving problems, learning, and nurturing healthy relationships. This course exposes students to the major topics found in the field of psychology and emphasizes the issues that are of particular direct interest and relevance to students.

GR 12 GLOBAL ISSUES: CITIZENSHIP AND SUSTAINABILITY

This course provides a lens of ecological literacy through which students can study and understand the complex and often critical global issues that societies face today. The course uses an inquiry approach to explore selected social, economic, political and environmental issues that impact life in the local, national and global communities. Students will explore and learn about the various injustices of the world and stimulate conversations and about possible solutions.

GR 12 HISTORY OF WESTERN CIVILIZATION

From ancient pharaohs to the Greeks, Romans, Napoleon, the French Revolution, the Renaissance, Medieval Times and World Wars, students will learn how all these historical events shaped our world and impacted Western civilization. The history course is the study of ancient civilizations through to the present day and their impact upon the development of Western civilization. It deals extensively with social organization, warfare, world religions and the development of political ideals.

GR 12 CANADIAN LAW

The purpose of this course is to help students gain an understanding of Canadian law and develop an appreciation for its complex system. This course will cover topics such as: why we need laws, the differences between moral issues and legal issues, criminal, civil, family, and contract law. During this course, students will discuss and analyze legal issues and real cases and have ample opportunities for experiential learning through a mock trial and a field trip to the Winnipeg Law Courts.

COMMERCE EDUCATION

GR 9 LIFE/WORK EXPLORATION (½ credit - Business Focus)

(one of the Try-a-Trade courses)

This is an introductory course to Commerce Education that allows students an opportunity to explore business-related topics such as economics, marketing, entrepreneurship, technology, and finance. Throughout the course, students will apply the concepts and strategies they learn by developing a creative business plan.

GR 10 CREATIVE PROMOTIONS

Creative promotions focuses on advertising strategies, marketing, selling, sales promotions and public relations. Students will apply their learning of these concepts to design a variety of promotional and advertising material. Students will learn what makes an effective advertisement, and use that knowledge to craft their own brands throughout the semester.

GR 11 RETAILING PERSPECTIVES

This course helps students gain an understanding of retailing from both a theoretical and practical approach. It emphasizes the retailing operations of physical and online environments. This course is designed for students interested in managing or owning their own business. Students will create a business plan for a business venture they will run in the school.

GR 12 MARKETING AND DIGITAL COMMERCE

Through a semester-long project, students will apply marketing concepts, principles, and strategies related to product, price, place and promotion. Students will plan, organize, manage and execute their project by working with other students and a local business partner in the community. An emphasis will be placed on developing critical thinking, collaboration and creativity.

DIGITAL TECHNOLOGY

GR 9 INFORMATION COMMUNICATION TECHNOLOGY (ICT - ½ credit)

The purpose of the course is to reinforce and extend the ICT knowledge, attitudes, and skills acquired by students in the Early and Middle Years. The course will further prepare students to use ICT to learn and demonstrate their learning in all Senior Years courses.

GR 9 DIGITAL MUSIC PRODUCTION (½ credit)

(one of the Try-a-Trade courses)

Digital Music Production explores the creation of music through GarageBand. In this intro course students will explore the various aspects of producing music and will learn about chords, chord progressions, song structure, midi, recording vocals, and more.

GR 9 EXPLORATION OF INTERACTIVE DIGITAL MEDIA (½ credit)

(one of the Try-a-Trade courses)

This course is designed for students to explore interactive digital media (IDM). As our day-to-day digital interactions increase it is important to understand the concepts, ethics, and functionality of the apps, video games, media platforms, and information technology in a deeper way. This exploratory course explores careers and issues in the IDM field as well as introducing students to animation, digital asset design, and coding while making their own video games.

GR 10 DIGITAL MUSIC PRODUCTION

This course builds on the skills and knowledge learned in Grade 9 Digital Music Production. We will dive deeper into a variety of concepts within song making - such as layering sounds, melodies and countermelodies and developing song structure. Students will have opportunities to learn more about the different types of effects that can be used on sounds as well as how to use them effectively.

GR 10 INTRODUCTION TO INTERACTIVE DIGITAL MEDIA

This program provides students with the opportunity to learn the knowledge, skills and attitudes required to develop and produce interactive digital media projects, such as apps, video games, websites, virtual worlds, and cross-platform media. Students will gain knowledge and skills in digital design, asset creation, coding, and project management. Using a project based approach, they will combine technology and artistic skills to create authentic interactive digital media applications. Students will be exposed to the professional aspects of making a living in interactive digital media, learning all aspects of the profession, including the entrepreneurial skills to pursue self-employment.

GR 10 KEYBOARDING (½ credit)/PRINT COMMUNICATIONS (½ credit)

These two courses are taken together to equal ONE full credit. Keyboarding is designed to provide an opportunity to learn to type on a Chromebook keyboard using correct techniques as well as the development of speed and accuracy. Students will also develop their familiarity of Google Suite and aim to become proficient using docs, sheets, and slides.

GR 10 DIGITAL PICTURES (½ credit)/DESKTOP PUBLISHING (½ credit)

These two courses are taken together to equal ONE full credit. In Digital Pictures, students develop skills to convey a message through an original digital image using digital cameras. In Desktop Publishing, students plan and create a variety of published documents such as posters and infographics. Students plan such publications taking into consideration audience, design principles, text features, and layout techniques that are visually pleasing. They are introduced to the elements of composition within a photograph and plan their photos around these principles.

GR 10 DIGITAL FILM MAKING (½ credit)/BROADCAST MEDIA (½ credit)

These two courses are taken together to equal ONE full credit. This is a hands-on course in film making. Students will get an in-depth look at the art, language and technical aspects of making film through viewing, discussing and writing about film. Students will then apply the skills they have learned by planning, filming and editing their own short films. Students will develop their

creative thinking skills and practice good storytelling. Students who have an interest in film, drama and computer technology may be interested in this course.

GR 10 COMPUTER SCIENCE

This introductory course in computer programming is intended to interest a broad audience. The emphasis of this course is for students to solve problems, accomplish tasks, and express creativity, both individually and collaboratively. Students will use micro:bit robotics kits to learn programming techniques and the syntax of one or more programming languages, as they are introduced to documentation, algorithms, stepwise thinking, logic, debugging, and basic data/control structures such as variables, loops and if statements.

GR 11 COMPUTER SCIENCE

This intermediate course in computer programming is intended to build on concepts from Grade 10 Computer Science and focus on text-based coding practices. The emphasis of this course is for students to solve problems, accomplish tasks, and express creativity, both individually and collaboratively. Students will learn programming techniques and the syntax of one or more text-based programming languages, as they are introduced to documentation, algorithms and design, stepwise thinking, logic, debugging, and more advanced data/control structures including formatting numerical and textual input, working with arrays, writing subprograms, and multiple branching control structures.

GR 11 WEB DESIGN (½ credit)/INTERACTIVE WEBSITES (½ credit)

These two courses are taken together to equal ONE full credit. In this course students will critically assess content and design by critiquing websites. Web Design will also provide opportunities for students to create and manage a website, while developing critical thinking, communication and technical skills. Students will learn how to use both HTML editors and graphical editors to create websites.

GR 11 INTERACTIVE DIGITAL ASSET CREATION

Building on the Intro to Interactive Digital Media course, this course focuses on the creation of original assets to support interactive digital media projects by using a variety of software. Examples of assets include vector images, rasterized images, 2-D animations, 3-D models, sound effects, and rigging. Students will use a project-based approach to create concepts, workshop them, create assets, pitch their ideas, and create working prototypes. Students will explore the video game, special effects, virtual reality, and digital tech industry in order to get a better understanding of how it functions in society.

GR 11 PHOTOGRAPHY

Photography introduces students to the continually growing field of digital imaging, with the use of DSLR cameras. Students will learn to use digital photography as a way to think visually; as a way to marry artistry and technology. This course develops skill in camera technique, composition, and in the use of Photoshop editing. The latest in computers, software, digital cameras, high end scanners, as well as a fully functional studio provide exceptional opportunities for students to develop a wide range of knowledge and skill.

GR 12 ADVANCED INTERACTIVE DIGITAL ASSET CREATION

This course builds on the skills and knowledge learned in Grade 11 Interactive Digital Asset Creation. Students will learn the skills related to creating advanced features of dynamic asset creation and applying code to assets.

GR 12 PHOTOGRAPHY

This course will focus on specific fields of photography as well as further develop a variety of techniques in photography, including advanced instruction on camera operations, composition, lighting, equipment, and various other techniques. Advanced digital post production processing techniques will also be taught. Students will have a combination of classroom theory, practical instruction, workshops with guest photographers, as well as both self-directed and class-planned outings.

VISUAL & PERFORMING ARTS

GR 9 ART (½ credit)

(one of the Try-a-Trade courses)

The goal of the visual arts is to support, nurture, and inspire the growth of every student as an artist. This course introduces students to elements and principles of artistic design in a variety of contexts. Students will be introduced to different elements and principles of artistic design. We receive about 80% of our information visually, which makes it essential that students explore thinking, feelings, and problem solving by discussing and analyzing visual perception.

Students will be required to purchase an art package at the cost of $30.

GR 10 ART

Students will develop drawing skills, explore different visual media, research art history, and solve problems of artistic expression while building on their awareness of artistic design. Students will create a portfolio to demonstrate their learning.

Students will be required to either purchase an art package at the cost of $30 or replenish their existing art supplies from the previous year.

GR 11 ART

Recommended Prerequisite: Grade 10 Art

This course is an intermediate course that stresses increased visual and artistic literacy in relation to the elements and principles of design. There is a heavy emphasis on learning the terms and vocabulary associated with a critical viewing of visual information. Related studies in art history and aesthetics will help to develop an understanding of the artistic tradition.

Students will be required to either purchase an art package at the cost of $30.00 or replenish their existing art supplies from the previous year.

GR 12 ART

Prerequisite: Grade 11 Art

The focus of class time will emphasize a studio/class format, where students work primarily on independent and self-initiated art undertakings implementing skills and techniques with different media, using and developing the elements and principles of design, and ultimately creating an entry-level portfolio, which students could submit to college or university. Students will engage in advanced visual problem solving dealing with abstraction and impressionism. In addition, students will explore historical art movements and will engage their knowledge of design from previous years through critical analysis.

Students will be required to either purchase an Art package at the cost of $30.00 or replenish their existing art supplies from the previous year.

GR 9 BAND

Prerequisite: Gr 8 Band

The emphasis of this course is to further the understanding of music through performance and study of high-quality music of various styles and genres for winds and percussion, and to develop the practical, theoretical, expressive, and creative musical skills needed to perform music effectively. There will be a number of concerts and festival performances throughout the year, and students will be expected to participate in these and all other scheduled music-related activities.

GR 10 BAND

Prerequisite: Gr 9 Band

This course is a continuation of Grade 9 Band and strives to further the student's exposure to musical experiences. Students will need to draw on the skills of musical independence learned in previous years. There will be a number of concerts and festival performances throughout the year, and students will be expected to participate in these and all other scheduled, music-related activities.

GR 11 BAND

Prerequisite: Gr 10 Band

This course acts as a continuation of previous years and strives to further the student's exposure to musical experiences. The students will need to draw on the skills of musical independence learned in previous years. There will be a number of concerts and festival performances throughout the year, and students will be expected to participate in these and all other scheduled music-related activities. This class rehearses with the Grade 12 Band class.

GR 12 BAND

Prerequisite: Gr 11 Band

Grade 12 Band is a recognized university entrance course. This course strives to draw on the skills of musical independence learned in previous years. There will be a number of concerts and festival performances throughout the year, and students will be expected to participate in these and all other scheduled music-related activities. This class rehearses with the Grade 11 Band class.

GR 9-12 JAZZ BAND (½ credit available at each grade level)

This is a half credit course for band students interested in studying jazz music. The bands meet twice a week during lunch throughout the school year. The Jazz band attends the Brandon Jazz Festival every year in March and all band members are expected to attend. In order to participate in Jazz Band you must be registered for Band in your respective grade.

GR 9 DRAMA (½ credit)

(one of the Try-a-Trade courses)

Drama introduces students to the art and craft of drama through presentations, acting, writing and producing their own scripts. Students will explore how to take on roles individually and in groups. An emphasis is placed on experimenting with different ideas and techniques.

GR 10 DRAMA

This course is an introduction to drama, which focuses on professionalism, dedication, cooperation, as well as foundational drama skills such as improv, physicality, and voice work. Students will learn by doing, so students are required to participate actively in performance logs, exercises, and projects. Students will have numerous opportunities to perform what they have written and rehearsed in front of an audience during the semester, both individually (monologues) and in groups. Students will be required to read and write in this course.

GR 11 DRAMA

This course is a continuation of Grade 10 Drama in that skill development in professionalism, dedication, cooperation and drama foundations will be further explored. Emphasis will be placed upon performance opportunities such as monologues, scenes, and short plays. New theatre topics will be introduced including forum and interpretation. Student scene and review writing will continue to be explored and developed. Students will be required to read and write in this course.

GR 12 DRAMA

In this advanced course, students will continue developing drama skills. New theatre topics will be introduced such as genre, scene study, and directing. Students will choose and direct their own scenes.

SPECIALIZED CREDITS

SPECIAL CREDIT FOR LANGUAGES

Manitoba high school students may claim special credit for languages not included in the regular high school program. Up to four credits (Grades 9-12) for each language may be granted by the school. In the case of a language not taught in any kind of school setting, certification of competence may be accepted from qualified persons, subject to departmental approval. Acquisition of these credits involves taking an exam in Winnipeg.

Please see the school counsellor for more information.

HIGH SCHOOL APPRENTICESHIP PROGRAM

The HSAP lets you start your apprenticeship training while you are still in high school. It combines regular high school instruction with paid, part-time, on-the-job training.

- Earn up to 8 supplemental academic credits for graduation based on 110 working hours per credit (*up to 6 credits for Mature Diploma students).
- Two apprenticeship credits can be used for university in most cases.
- Get paid a wage that's more than minimum average.
- Apply your on-the-job training hours to continued, full-time apprenticeship training after graduation.
- Use the skills you learn for a career in management or to start your own business. *Please see the school counsellor if more information is desired.*

LIFE/WORK EXPERIENCE CREDIT

These credits are available to grade 10-12 students wishing to explore a work option in place of, or in addition to, a timetabled course. A combination of course work and on the job work hours is required. *Please see the school counsellor for more details.*

CREDIT FOR EMPLOYMENT (CFE)

Students can earn up to two credits (Grade 11 & 12) for working 110 hours per credit at a paying job. Registration forms must be filled out before the work hours can begin accumulating and the student must hold, or be working on, a Life/Works credit. *Please see the school counsellor for more details.*

COMMUNITY SERVICE STUDENT-INITIATED PROJECT

Students can receive a school credit by volunteering 110 hours for worthwhile causes or organizations. The civics skills, knowledge, and attitudes obtained from such community service activity can increase a student's self-esteem and maturity, and provide more awareness of the needs of others in the community. Approval must be obtained from the school in advance of attempting the credit. *The guidelines for this particular credit are available from your school counsellor.*