

MORRIS SCHOOL

COURSE SELECTION GUIDE



2020/2021

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Table of Contents

Welcome to Morris School	3
Choosing a program	3
The registration process	4
Guide to the course numbering system	4
Senior Years English Program Checklist	5
Course Descriptions	7 – 21
Business	7
Career Development.....	7
English Language Arts	7
Fine Arts/Music.....	8
Hockey Canada Skills Academy.....	9
Information and Communication Technology.....	9
Languages	9
Mathematics	10
Physical Education/Health	12
Science	13
Social Sciences	14
Work Experience.....	15
Other	16
Red River Technical Vocational Area (RRTVA)	16 - 25
RRTVA Course Descriptions	16 - 25

***** Document available online at www.morris.rrvsd.ca *****

Welcome to Morris School

Introduction

Thank you for taking time to consider our school and programs. This booklet has been prepared to help introduce you to the various programs we offer and to help you with the registration process. This is a work in progress and we welcome your comments and suggestions for improvement.

Morris School maintains a strong academic program with a full range of course choices at each grade level. We are a member of the Red River Technical Vocational Area and are therefore able to offer our students a wide variety of vocational programs as well.

We have an active extracurricular program offering opportunities for enrichment in the areas of sports, music, drama, technology, student government and more.

Services for students include:

- Full time Resource Teacher for grades 9 - 12
- Student Services Center
- Guidance department with a full time counselor
- Access to divisional clinicians
- Three computer labs
- Library with computer resources
- Two gymnasiums
- Canteens

Choosing a Program

Students, together with their parents, are encouraged to carefully consider program options at the beginning of their high school career. You need to consider:

- personal interests
- aptitudes and abilities
- past achievements
- goals for post-graduation study and employment
- level of commitment

Grade 9 is a foundation year with limited course choices. However, the work habits and skills developed at this level will help further their success in their high school career. Students should take this time to become familiar with Morris School's academic and vocational choices. Each student will need to decide on the program of studies they wish to pursue in the next three years. While Grade 10 - 12 students have the option of adding spare periods to their timetable, they are encouraged to enrich their experience and resume with additional course selections.

The Registration Process

1. Current students will receive pre-registration assistance during sessions in April and May.
To ensure course selection, all registrations must be handed in to the guidance counselor as soon as possible.
2. A course will be offered only if a sufficient number of students enroll in it.

Guide to the Course Numbering System

First Character

- 1 - Grade 9**
- 2 - Grade 10**
- 3 - Grade 11**
- 4 - Grade 12**

Second Character

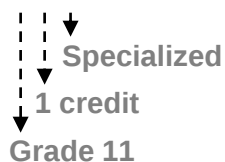
- 0 - developed or approved by Manitoba Education for 1 credit
- 5 - developed or approved by Manitoba Education for .5 credit
- 1 - developed by school/division (also student initiated projects)

Third Character

- F** - Foundation - foundation (groundwork) course experience for all students
- G** - General - general education experience for all students
- S** - Specialized - learning experiences leading to further studies at post-secondary
- A** - Advanced - academically challenging (going beyond general and specialized courses)
- E** - EAL - designed to assist students for whom English is not a first language, in making a transition in to the English Program
- M** - Modified - course has been modified for student who has special needs (must meet Provincial Education Guidelines)

Example:

Accounting Principles 30S



Senior Years English Program Checklist

Compulsory Credits

Subject		S1	S2	S3	S4	Credits
English Language Arts	ENG 10F, ENG 20F, ENG 30SC & 40S, ENG 40SL or ENG 40ST					4
Mathematics	Math 10F, Ess. Math 20S, 30S & 40S or Introduction to Applied and Pre-Cal Math 20S, 30S & 40S, Consumer Math 40S, Applied Math 30S & 40S					4
Science	Science 10F & 20F					2
Social Studies	Social Studies 10F, Geography 20F, History 30F, Geo 40S					3
Phys. Ed/Health	Phys. Ed/Health 10F, 20F, 30F, 40F					4
Compulsory Credit Sub Total: 17						

Graduation Requirements

Provincial Graduation Requirement of 30 credits entitles students to a Provincial High School Diploma.

Minimum – 30 Credits

Compulsory – 17 Credits

Senior Optional Credits – 13 Credits

Students should ensure that they meet entrance requirements of the college or university, training, or work situations they intend to pursue.

**University entrance requires at least 5 – 40S subjects in at least four different subject areas. Students must confirm special entrance requirements.*

Optional Credits

Subject	S1	S2	S3	S4	Credits
Art					
Accounting					
Apprenticeship					
Band					
Biology					
Chemistry					
Computer Graphics					
Digital Pictures/Desktop Publishing					
Drama					
Geography					
Global Issues					
History					
Hockey Canada SA					
Home Ec./Fam. Studies					
Jazz Band					
Lifeworks					
Languages (Spanish .5, Italian.5, French 1)					
Law					
Outdoor Education					
Peer/Internship/Leadership					
Physics					
Psychology					
Vocational					
(One credit must be at the S3 level, 2 must be at the S4 level)					

Honor Roll

Grade 9 - Students must be enrolled in the nine credits offered at school and obtain an overall minimum average of 80%.

Grade 10 – Students must have an overall minimum average of 80% in eight subjects which must include all compulsory subjects.

Grade 11 – Students must have an overall minimum average of 80% in six subjects which must include compulsory subjects and a passing grade in Physical Education 30F.

Grade 12 – Students must have seven grade 12 level subjects; these courses must include two credits of English 40S and one credit of Math 40S. The student must also have an average of 80% or greater in the best six subjects including English, Math and a passing grade in Physical Education 40F.

Academic Awards – Grade 9-11

Students who meet the criteria will receive one of the following Masters Awards for Academic Excellence:

Bronze Masters Medal - This award is given to students who have a 90% or higher in 3 or more subjects.

Silver Masters Medal - This award is given to students who have 95% or higher in 2 subjects.

Gold Masters Medal - This award is given to students who have a 95% or higher in 3 or more subjects.

Service Award

This award is presented to a student who participates in school activities that are unpaid and not for credit. Activities may include but are not limited to: coaching, canteen, refereeing, score keeping or volunteer work outside of one's own team or club. Students must have consistently volunteered throughout the year.

Athletic Award

In order for a student to receive an Athletic Participation Award, students will have participated in at least 3 school sports and attended practice on a regular basis. Teamwork, sportsmanship and attitude are an integral part of this award.

Leadership

This award is given to students who are involved in 2 or more school clubs other than school sports. These activities cannot be for credit and may include but are not limited to: Kids Caring for Kids, Student Council, Drama, Pottery, African Drumming, MTC, Yearbook, etc.

Maverick Award

A Maverick Award is given to a grade 9 – 11 student who must be a present recipient of the Honor Roll and the Athletic Award. They must also have either a Leadership/Arts Award and/or a Service Award.

Band Awards

Outstanding Musician – The Outstanding Musician Award is a scholarship to a music camp. This award is based on an audition. Based on funding from band parents there may be 2 – 4 scholarships given.

Most Improved Musician – The Most Improved Musician is given to a student who has improved their grade average by at least 10% from November to May. The award is also based on the amount of improvement they have made with their instrument. This award is open to grade 6 – 12 students.

Course Descriptions

Business

Accounting Principles 30S (ACC30S) (Podcast)

Accounting Principles 30S will introduce students to Canadian accounting principles and practices. It is designed as a complete course in which financial statements for a service business are prepared and analyzed.

On a personal level, knowledge of accounting is essential for banking, investing and saving and for political and consumer decisions. Students considering business pursuits or those who wish to acquire knowledge and skills in entry-level occupations will benefit from this course.

For those students who plan post-secondary studies, Accounting Principles 30S may be part of career exploration in such areas as professional accounting, management and business studies, statistics, and computers.

This year, Accounting Principles 30S is being offered through podcasts. This means that rather than coming into the classroom every day to access the course content, students will log onto our Accounting Principles webpage to download and view a series of podcasts (short videos). This enables the student to complete the course content in a timely manner that best suits the student. Each student will be expected to meet with the teacher on a regular basis to make sure the student is keeping up with the timelines of the course as well as to answer any questions the student may have. This course is recommended for highly self-motivated students.

Career Development

Career Development: Life/Work

Career Development helps students to connect school learning to the workplace and labor market. Students will explore potential careers, acquire skills, experience and develop references. Career Development uses a combination of classroom activities and job placements that allow students to put this knowledge to use in a job setting.

Life/Work Exploration 10S (LWE10S)

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

Life/Work Planning 20S (LWP20S)

The Grade 10 curriculum places a greater emphasis on student outcomes related to communication skills, work information, work trends, self-assessment, matching personal skills to occupations, stereotyping and discrimination in the workplace, and work-search tools.

English Language Arts

English Language Arts 10F (ENG10F)

In this class we concentrate on the basic skills needed to communicate in both written and oral methods. Through the course content the student will give presentations, memorize and recite, work in groups, respond to texts, and write different forms (paragraphs, narratives, descriptions, etc.).

English Language Arts 20F (ENG20F)

In this class we concentrate on developing literacy skills that are vital in all learning. The student will be familiar with different forms and genres (e.g. Short stories, novels, paragraphs, essays, etc.), as well as different literary devices and techniques (e.g. foreshadowing, irony, utopia, etc.). The class focuses on group process, interaction, and discussion to interpret and respond to text.

English Comprehensive Focus 30S (ENG30SC)

In this class we take a comprehensive look at literature: from practical texts that are meant to inform, persuade, direct, argue, and analyze; to aesthetic texts that entertain and create an intellectual and emotional response to the reader. We look at how reader's expectations influence the reader and his or her interpretation of the text. Students will read, write, listen, speak, view, and represent to gain information, determine point of view, compare and express ideas.

English Comprehensive Focus 40S (ENG40SC)

In this class we will concentrate primarily upon the emotional and intellectual experiences of the reader. We look to a variety of texts to explore content, language, form, imagery, and so forth. In the course you will explore aesthetic texts (e.g. Short stories, novels, reader's theatre, films, etc.), and you will also use pragmatic texts (e.g. Brochures, charts, essays, resumes, criticisms, etc.). This class also includes a World of Work component and a provincial exam. Only Grade 12 students may enroll in this course.

English Language Arts Transactional 40S (ENG40ST)

In this class we will concentrate on what the reader will carry away as information from the text. We examine text that informs, directs, persuades, analyzes, argues, and explains. We look carefully at audience, expectations, and the choices they make as they read. We will read and write texts to gain information, to determine point of view, to compare ideas, and to conduct daily type transactions. In the majority of the course you will explore pragmatic texts (e.g. Brochures, charts, memoirs, biographies, essays, resumes, etc.), but you will also use aesthetic texts (e.g. Short stories, novels, reader's theatre, films, etc.). The class also includes a World of Work component and a provincial exam. Only Grade 12 students may enroll in this course.

English Language & Literary Forms (ENG40SL)

In this class we will concentrate primarily upon how form, language and the author's craft work together to affect the emotional and intellectual experiences of the reader. This course is meant to prepare students to study, analyze, and communicate about a range of texts at higher levels; it is considered an appropriate course to prepare one for any post-secondary studies or work. Literary Forms is recommended as a prerequisite, but not required. A provincial exam is only written in this course IF a student missed writing it in first term. Only Grade 12 students may enroll in this course.

Fine Arts/Music

Art 10G (VAR10S)

This is a full credit course which introduces students to the basic principles and elements of art. We then apply these to our work. The students are given many sketchbook assignments and are encouraged to explore different techniques, mediums and subjects on their own to fill their sketchbook with original work. Classroom instruction focuses mainly on sketching, with subjects such as animals, landscapes and people. Through these exercises, the student will hopefully gain skills in using proportion and perspective in their works. Different mediums include pastels, charcoal, pencil crayons, water colors, conte crayons, chalk, etc.

Art 20G (VAR20S)

This full credit course picks up where the Grade 9 course left off. It will assume an understanding of the basic principles and elements of design and require that these be applied to their original works. The student is further encouraged to

look at things around them through the "eyes of an artist" and be able to transfer what they see to the medium they are using. The same mediums as Senior 1 will again be used, but some plaster of Paris and clay may be included to begin to experiment with three dimensional pieces. A study of the history of art will be part of the course as well, with some introduction to critiquing of art pieces.

Art (VAR30S/40S)

These full credit courses will continue a more in-depth exploration of different mediums (pen and ink, watercolor, acrylic paints, clay, pastels, conte crayons, charcoal, etc.) and will attempt to further develop the artistic skills introduced in Art 10G and Art 20G. As with these previous levels, a knowledge base of the elements and principles of design will be important to put into practical use in their art projects. Students are expected to keep a sketchbook that will contain some assigned work as well as individual pieces and explorations. Students will participate in researching and presenting on artists of interest to them. Note: previous enrolment in Art 10G or 20G is not mandatory, but is considered helpful when taking Art 30G and 40G. There is a \$35.00 course fee for art supplies.

Drama (DRA10S/DRA20S)

The Grades 9 to 12 Dramatic Arts Framework addresses the purpose, nature, and importance of quality dramatic arts education from Grades 9 to 12. The framework explains the use of the butterfly as a metaphor for learning within the learning landscape of dramatic arts, and for representing the interconnected parts of the curriculum.

The Dramatic Arts Curriculum Framework consists of four essential learning areas which are elaborated by 13 recursive learnings and realized through enacted learnings. Ideas for inquiry questions are included to support the enacted learnings by providing teachers and learners with possible entry points and pathways into the study of the dramatic arts.

Senior Band (BAN10G/20S/30S/40S)

Students in this performing arts course will be given the opportunity to expand their interest and talent on their chosen instrument. They will also further develop their thinking skill, physical skill and emotional expression. Students will be given the opportunity to perform in public concerts and on yearly trips. Students' playing ability as a band will be expanded through exposure to guest band directors in festivals or clinics. Opportunities are also available to apply for Music Scholarships to the International Peace Gardens.

Jazz Band (JAZZ15G/25G/35S/45S)

Join this dynamic ensemble! We are looking for highly motivated, energetic and talented musicians who enjoy performing different styles of music. Enrolment in the band program is recommended, but not mandatory. Jazz band meets at times outside of the regular timetable.

Hockey Canada Skills Academy

Hockey Canada Skills Academy (HCSA11G/21G/31G)

This course is designed to help students learn the technical aspects of hockey to help them improve both on and off the ice. The emphasis is on the development of fundamental skills and basic concepts of team play, as outlined by Hockey Canada and Skills Academy. A secondary objective is to develop respect for the game and acquire a lifelong passion for Hockey.

Students and parents will have to sign an "Expectations and Code of Conduct Form" acknowledging their responsibility for property and behavior when participating in the course. Course fee is \$150.

Information and Communication Technology

Introduction to Graphic Technology 10G (GCT10G)

An Introduction to Graphic Technology is just that, an introduction. In the course of the year students will be introduced to a variety of technologies used in Graphic Arts. Technology, however, does not mean only computers. It means all tools used to assist in completing a task. In this case the task is to communicate visually. You have all heard the saying 'A picture is worth a thousand words'. If that is so, we must construct our visual communication with care and forethought, or we will be communicating what we do not intend. Students will learn the Elements and Principles of Design, and use a variety of computer programs to create visuals.

Graphic Communication and Technology 20G (GCT20G)

Graphic Technology is the follow-up to IGT10G. In the course of this year students will work in depth with a variety of technologies used in Graphic Arts. Proper design principles will be stressed in all work. Students will begin exploring design as it applies to the Web and animation. A portfolio of work will be produced.

Digital Pictures 25S & Desktop Publishing 35S (DGP25S/DTP35S)

These two half credits combine to teach students how to take creative and effective pictures and create a variety of published print documents. Students will learn to use various camera settings and modes, study photo composition, and learn how to communicate messages through original photographs. Students will also learn to critique photographs based on technical and aesthetic criteria. A digital portfolio of student work will be compiled throughout the term based on hands-on field photography. In addition, students will learn to plan and create effective print documents using a variety of software programs, such as Microsoft Office, Photo Story, Adobe Photoshop, etc.

Broadcast Media 35S (BRCM35S)

The purpose of this course is to provide students with an understanding of all phases of the media production process (pre-production planning, production, and post-production) from a variety of perspectives (news, sports, entertainment...). The Course includes technical aspects of media production for the web, radio and television. Students should have skills creating video and creating web pages prior to taking the course. Students will plan, develop, and broadcast multimedia.

Languages

Romance Languages

Morris School offers an alternating language program. This course is an introductory exposure to French, Italian, and Spanish which are recognized as three of the most popular Romance Languages.

Mathematics

Mathematics 10F (MAT10F) / Transitional Math 10F (MAT10FT)

These courses are required for all Grade 9 students. They are general courses which will prepare the students for either of the 2 math courses they choose in Grade 10 (Pre-cal or Essentials). They are built on seven interrelated curriculum processes: reasoning, problem-solving, estimation, mental math, communication, visualization, connections and technology. The units studied are listed below:

Mathematics 10F

- Number Sense and Rational Numbers
- Statistics and Probability
- Powers and Exponents
- Circular Geometry
- Polynomials and Linear Relations
- Geometry and Measurement

Transitional Math 10FT

- Basic Math and BEDMAS
- Integers
- Percent
- Algebra and Simplifying Expressions
- Fractions
- Trigonometry

Essential Math 20S (MAT20SE)

Grade 10 Essential Mathematics 20S is intended for students whose post-secondary planning does not include a focus on mathematics and science related fields. Essential Math 20S is a one credit course that demonstrates how to use mathematics in everyday life. The skills taught in this course are those that informed citizens need.

Topics include:

- Wages, Salaries, and Expenses
- Consumer Decisions
- Personal Banking
- Geometry
- Spreadsheets
- Sampling and Probability

Introduction to Pre-Calculus & Applied Mathematics 20S (MAT20SI)

Grade 10 Introduction to Applied and Pre-calculus Mathematics (20S) is intended for students considering post-secondary studies that require a math pre-requisite. This pathway provides students with the mathematical understanding and critical-thinking skills that have been identified for specific post-secondary programs of study.

Students are required to learn mathematical concepts through practice and regular homework. On tests and exams, students are expected to apply their knowledge to problems that are original or different than those presented in class.

Students are required to have achieved a minimum mark of 70% in grade 9 math to take this course.

Course content:

- Measurement
- Algebra and Number
- Measurement Systems
- Exponents and Radicals
- Surface Area and Volume
- Polynomials
- Right Angle Trigonometry
- Relations and Functions
- Systems of Equations
- Linear Relations and Functions
- Solving SOE graphically and algebraically
- Linear Equations and Graphs

Essential Mathematics 30S (MAT30SE)

Grade 11 Essential Mathematics 30S is intended for students whose post-secondary planning does not include a focus on mathematics and science related fields. Essential Math 30S is a one credit course that demonstrates how to use mathematics in everyday life. The skills taught in this course are those that informed citizens need.

Units of study:

- Measurement (Perimeter, Area, Volume, Surface Area)
- Right Angle Triangles and Trigonometry
- Drawing and Design (Sketching, Scale, Cost per Unit Analysis)
- Graphing
- Slope and Rate of Change
- Personal Banking and Budgeting

Pre-Calculus Mathematics 30S (MAT30SP)

Pre-requisite: Pre-Calculus 20S (60% minimum in IPCM 20S strongly suggested)

Grade 11 Pre-Calculus Mathematics is designed for students who intend to study mathematics as part of their post-secondary education. The course is a high-level study of theoretical mathematics with an emphasis on problem solving and graphing.

Students are required to learn mathematical concepts through practice and regular homework. On tests and exams, students are expected to apply their knowledge to problems that are original or different than those presented in class.

Course Content:

- Quadratic Functions
- Trigonometry
- Algebra
- Analytic Geometry
- Geometry
- Consumer Mathematics
- Logic/Proof
- Functions/Relations

Applied Mathematics 30S (MAT30SA)

Pre-requisite for this course is a Grade 10 Math. Grade 11 Applied Mathematics (30S) is intended 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. 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.

Course Content:

- Measurement
- Geometry
- Logical Reasoning
- Statistics, Relations and Functions
- Math Research Project

Essential Mathematics 40S (MAT40SE)

Grade 12 Essential Mathematics 40S is intended for students whose post-secondary education planning does not include a focus on mathematics and science related fields. This course emphasizes decision making and number sense, with assignments that are based on real-life situations.

Students will be evaluated based on projects, portfolios, and written tests. Students write a provincial exam in this course.

Units of study:

- Linear Relations
- Properties of Geometric Figures
- Limits to Measurement
- Transformations
- Statistics
- Trigonometry
- Probability and Odds
- Owning a Small Business

Pre-Calculus Mathematics 40S (MAT40SP)

Pre-requisite: Pre-Calculus 30S (60% minimum in Pre-Cal 30S is strongly suggested.)

Pre-Calculus 40S mathematics is designed for students who intend to study mathematics as part of their post-secondary education. The course is a high-level study of theoretical mathematics with an emphasis on problem solving, mental math, and graphing. This course will have a quick pace and heavy workload.

Students are required to learn mathematical concepts through practice and regular homework. Students will be expected to do homework every day. On tests and exams, students are expected to apply their knowledge to problems that are original or different than those presented in class. There is a provincial exam in this course.

Course Content:

- Transformation of functions
- Polynomial functions
- Trigonometric functions
- Radical functions
- Exponential functions
- Rational functions
- Logarithmic functions
- Binomial theorem

Applied Mathematics 40S (MAT40SA)

Pre-requisite for this course is Applied Math 30S or a minimum of 75% in Essentials Math 30S. Grade 12 Applied Mathematics (40S) is intended for students considering post-secondary studies that do not require a study of theoretical calculus. It is context driven and promotes the learning of numerical and geometrical problem solving techniques as they relate to the world around us. 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. In addition to the topics listed below the students will complete a Mathematics Research Project.

Course Content:

- Financial Mathematics
- Logical Reasoning
- Probability
- Relations and Functions
- Design and Measurement

Physical Education/Health

Physical/Health Education Course Outline (PEDF10F/PEDF20F)

The following supplies are required for all Physical Education courses – indoor gym runners (not board shoes), shorts or track pants, t-shirt, skates and a helmet.

This compulsory full-credit course is designed to help youth take ownership of their own physical fitness and to engage in active lifestyles.

Students will study topics related to the following learning outcomes:

- Movement – A student will demonstrate competence in selected movement skills and physical activities plus knowledge of movement development.
- Fitness Management – A student will demonstrate the ability to develop and follow a personal fitness plan for lifelong physical activity and well-being.
- Safety – A student will demonstrate safe and responsible behaviors to manage risks and prevent injuries in physical activity participation and daily living.
- Personal Social Management – A student will demonstrate the ability to develop self-understanding to make healthy

enhancing decisions, to work cooperatively and fairly with others and to build positive relationships with others.

- Healthy Lifestyle Practices – A student will demonstrate the ability to make informed decisions for healthy living related to personal health practices, active living, healthy nutritional practices, substance abuse and human sexuality.

Time Allotments: 50% Physical Education / 50% Health Education

Physical Education 30F (PED30F)

The following supplies are required for all Physical Education courses – indoor gym runners (not board shoes), shorts or track pants, t-shirt, skates and a helmet.

This compulsory full-credit course is designed to help youth take greater ownership of their own physical fitness, to encourage them to seek out activities that interest them, and to engage in active lifestyles into their futures. Students will study topics related to fitness management, mental health, substance use and abuse prevention, and the social impact of sport. The focus of this content will be on health and personal planning. These topics will make up the core 25% classroom component of the course content. Students will be required to complete the remaining 50% of the course in a physical activity plan as part of the physical activity program. Students will be introduced to safety and risk management planning to minimize associated risks of the activities they may choose.

As part of earning a credit for this course, students will be required to submit a personal fitness portfolio containing elements such as a fitness plan, physical activity log, or journal entries. Fitness & Fitness Profile accounts for 20% while Leadership, Volunteerism and Citizenship is 5%. Students will be graded for completion of the course with a Complete or Incomplete designation. There will be no percentage grade assigned as per Manitoba Education Policy.

Physical Education 40F (PED40F)

The following supplies are required for all Physical Education courses – indoor gym runners (not board shoes), shorts or track pants, t-shirt, skates and a helmet.

This compulsory full-credit course is designed to help youth take greater ownership of their own physical fitness, to encourage them to seek out activities that interest them, and to engage in active lifestyles into their futures. Students will study topics related to fitness management, nutrition, sexual health, social/emotional health, and personal development. The focus of this content will be on health and personal planning. These topics will make up the core 25% classroom

component of the course content. For the remaining 75% of the course, students will be required to develop and implement a personal physical activity plan as part of a physical activity program. Students will be introduced to risk management planning to minimize the associated risks of activities they have chosen.

As part of earning a credit for this course, students will be required to submit a personal fitness portfolio containing elements such as a fitness plan, physical activity log, or journal entries. Fitness & Fitness Profile accounts for 20% while Leadership, Volunteerism and Citizenship is 5%. Students will be graded for completion of the course with a Complete or Incomplete designation. There will be no percentage grade assigned as per Manitoba Education Policy.

Outdoor Education (OUTED30S)

This course will enable students to learn about the environment in which we live in and give students an opportunity to experience some of the challenges of the outdoors. Safety, survival, and outdoor adventures are all components of this course. The course culminates with an adventure trip to one of the many natural settings in our province.

Environmental crisis and related issues continue to dominate both our present and our future. By providing opportunities for education, guidance and self-reflection, the Sustainable Wilderness/Outdoor Education program is committed to developing passionate and skilled individuals who care about making a difference for sustainable outdoor environments. This course will enable students to learn about the environment in which we live and give students an opportunity to experience some of the challenges of the outdoors.

Science

Science 10F (SCI10F)

Successful completion of this course is a prerequisite for the Grade 10 course. The four clusters in the new curriculum are reproduction, atoms and elements, the nature of electricity, and exploring the universe.

Science 20F (SCI20F)

Prerequisite Grade 9 Science. This course is a prerequisite for all of the Grade 11 Science courses. The topics are environmental equilibrium (biology), forces and motion (physics), chemicals in action (chemistry) and weather dynamics (earth science). The course focuses students on developing problem solving skill, laboratory skills, technology/environmental skills, critical thinking and independent thinking skills.

Biology 30S (BIO30S)

Prerequisite Science 20F. Biology 30S is an introduction to human biology. You will deal with all of the major systems of the human body; their parts, how they work and their illnesses. Topics include: science of life, chemistry of life, nutrition and digestion, gas exchange, circulation, blood and immunity, excretion, controlling mechanisms, support and locomotion, reproduction and development. Course work will include microscope work, basic chemistry and research work, including diagrams about parts of the human body. A series of laboratory experiments will support the topics.

Chemistry 30S (CHE30S)

Prerequisite Science 20F. Chemistry 30S emphasizes theory and problem solving, and is a foundation course and prerequisite for future courses in Chemistry. Core topics include: Chemistry in a changing world, physical properties and changes, chemical reactions, solubility, acids and bases, organic chemistry. Time is split between instructional periods, labs, and individual problem solving and theory development.

Physics 30S (PHY30S)

Prerequisite Science 20F. Physics 30S is a foundation course and prerequisite for future courses in Physics. This introductory course in Physics requires a strong mathematical background. Topics include: an introduction to Physics, Motion, Newton's Laws, Fields, Waves, Introduction to Modern Physics.

Biology 40S (BIO40S)

Biology 40S is a comprehensive introduction to the great diversity of life. Topics include: Human Genetics, Biotechnology, Microbiology, Botany, Zoology and Ecology. A series of laboratory experiments will support the topics.

Chemistry 40S (CHE40S)

Prerequisite Chemistry 30S. Core topics Thermodynamics, Kinetics, Chemical Equilibrium, Solubility Equilibria, Acid-Base Equilibria, Oxidation-Reduction. This course involves development of theoretical ideas, several advanced lab activities and individual problem solving. This is an interesting and demanding course, which covers a lot of material. Chemistry 40S is a requirement for post-secondary chemistry courses.

Physics 40S (PHY40S)

Prerequisite Physics 30S. This second course in Physics requires a strong commitment from the student. Many topics are explored with recognition that many students taking Physics 40S will continue their education at a higher level. Core topics include Mechanics, Electrostatics/Coulomb's Law, Electric Potential, Direct Current Circuits, Magnetism, and Electromagnetic Induction.

Social Sciences

Home Economics (HEC10G/20G)

This course has two components. The first half of the class is Clothing and Textiles and begins with a theory section where students will be exposed to the terminology of clothing and textiles. We will learn how to use and care for a sewing machine. Sewing samples will provide an understanding of the sewing project we will be doing. How to read a pattern envelope, how to lay out and cut out a pattern, proper pinning, cutting and sewing techniques are other topics covered. The students will complete one or more sewing projects depending on the difficulty of the project. The materials required for these projects must be provided by the student either on an individual basis, or by ordering through the teacher. Popular projects have included aprons, oven mitts, pot holders, hoodies and PJ's.

The second is Foods and Nutrition where we study the basic skills required to operate in a kitchen, including the names of tools, terminology, proper cleaning and ways to handle food to avoid food poisoning. We talk about nutrition and healthy foods and how they impact the function of the body. This is a very hands on learning class. We will have about an equal amount of cooking labs as theory days.

Social Studies 10F (SST10F)

There are four general units to be investigated throughout the course:

- Diversity and Pluralism in Canada – Focus: physical and human geography, demography, human rights, citizenship, conflict resolution, cultural pluralism and diversity, the influence of the media and the contributions of people in the creation of a pluralistic society.
- Democracy and Governance in Canada – Focus: parliamentary process, participation in the electoral process, the justice system, the responsibilities and rights of citizens, the influence of democratic ideals in Canadian society.
- Canada in the Global Context – Focus: media and global issues, Canadian foreign aid and conflict resolution, peacekeeping, consumer issues.
- Canada: Opportunities and Challenges – Focus: Social and technological change, societal change due to the Canadian Charter of Right and Freedoms, citizenship issues (past and present), reactions to social injustice, environmental issues.

Geography 20F (GEO20F)

The main purpose of this course is to help students better understand the basics in geography and encourage critical thinking about how individual decisions impact other people and the environment.

The course is divided into the following topics:

- *Geographic Literacy* - Learn about the discipline of geography and understand why it is important.
- *Natural Resources* - Learn about the variety and locations of the world's natural resources and related issues.
- *Food from the Land* - Learning about the production and acquisition of food around the world and current issues in the discipline.
- *Industry and Trade* - Industry and trade in Canada, North America, and the world.
- *Urban Places* - Urbanization and related issues in Canada and around the world.

Family Studies 30S (FAM30S)

Family Studies 30S concentrates on Human Development, healthy relationships and how these affect child development. The students will explore how communication skills, conflict resolution and the diversity of society impact the physical, social and intellectual development of a child from conception to adulthood. Students will have the opportunity to learn how to apply skills that will encourage child development through study and hands on applications.

Family Studies 40S (FAM40S)

Family Studies 40S will cover human and personal development, relationships and life choices through to parenthood and aging. Studies include formal studies as well as direct contact with people of all ages to encourage the building of relationships and the understanding of children, youth, parenting and the elderly. This is a university entrance course.

World Geography 40S (GEO40S)

This course deals with how the world is connected. The main objective is to expose students to a multitude of factors that make the world so interdependent. As citizens of this planet, we need to share the responsibilities for its future care. For thousands of years we have played with a variety of elements that have affected our planet. We will investigate these elements and put them in perspective for present and future use. Students will also study the issues that threaten the future of the world and will be invited to become involved participants in deciding how each of us can make a difference. This course will have a lasting impact on students who are concerned for the Global Village that we all live in.

Global Issues 40S (GLO40S)

This course is intended to help students develop a greater understanding of global issues. They will examine the historical, current, and future implications of world issues and analyze the effects of these issues on quality of life within different political, social, and economic systems. Students will explore various perspectives and will be expected to be informed on major local, regional, national and global issues in the media. Emphasis is placed on active global citizenship within a flexible framework that may include some of the following topics: sustainability, global organization/grouping of countries, geopolitics, conflict, terrorism and human rights.

Canadian History 30F (HIS30F)

This Canadian history course will study the major historical events that helped create the independent nation of Canada. It will review the making of Canada through political reflections of events that significantly impacted the birth of this nation. This course will also study Canada from a social perspective. The investigation of these social issues will provide for a more comprehensive understanding and appreciation of our past history. It begins with the Aboriginal people settling here and continues up to present day challenges in Canada.

Law (LAW40S)

The course is intended for students to study different aspects of Canadian Law. Topics will include: Introduction/history of Law, Criminal Law, Civil Law, Contract Law and Family Law. Students will be able to discover these topics in classroom lectures which will consist of case studies, group discussions and class debates; as well as, hands on type lessons such as mock trials, guest speakers (Lawyers, Judges and RCMP officers) and exploring the Law Courts. This course is designed to give students a real insight into Canadian Law and procedures that dictate our country. This is a great course for any student who is thinking about a career in any aspect of Canadian Law.

Psychology (PSY40S)

Student enrolled in this course will study the history of psychology and the major core concepts and theories of psychology. They will learn basic skills in psychology research and connect psychological concepts to their personal life.

Work Experience Programs

Peer Assistance 31G (CDI31G)

Peer Assistance 31G is a course open to senior high students who are interested in working with other learners. Students are often unaware of the extent of their own talent(s) and how much they actually have to offer to others. The emphasis of this course is in the practicum component. Students are assigned to classrooms where they act as a tutor and aide. It is expected that the students take direction from the classroom teacher. They may be assigned to work directly with an individual student, but generally they work with small groups. The Peer class is required to achieve a specified number of practicum hours: a general number is 70. As well, they are required to fulfill a minimum number of hours in each area: Early, Middle and Senior Years. Once they've completed that requirement, they are free to work in an area of their choosing provided agreements are made among the instructor and classroom teacher(s). There is also a classroom component for the Peer students. Here they are introduced to theoretical aspects of working with other learners in a tutoring capacity. They will do short assignments on elements of child development, child care, special needs, and program planning.

Volunteer/Leadership – Life/Work 30S (VLTR30S)

Volunteering is a fundamental and essential element of society. Volunteer programs provide the opportunity for students to offer their support to their local community. The purpose of this credit is for students to experience a wide variety of volunteer opportunities within the community and greater area. The volunteer credit is open to all students grade 9-12 and students may take multiple years to complete the credit. To earn a volunteer/leadership credit a student must volunteer in at least 8 different experiences within the following four categories; assisting extended family or community members, working for a community-based organization, working for a non-for-profit organization and organizing a volunteer opportunity. The credit is awarded in the year it is completed.

Internship – Life/Work Transition 40S (LWT40S)

The Internship program is designed for students to intern at a local business in a work placement of current and/or future interest. This credit was designed to give high school students the opportunity to learn about the world of work; to gain experience and insight into careers of interest; and to make connections between school and the outside world. To earn an internship credit a student completes 85 hours of work experience and 25 hours of modular course work. Students must be 16 years of age before beginning their work placement to comply with provincial safety and workers compensation requirements. The credit awarded for internship is 'Life/Work Transitioning 40S'.

High School Apprenticeship Program (HSAP)

Students in the RRTVA area are surrounded by a multitude of options regarding employment in apprenticeship approved trades. The HSAP provides students with opportunities in which they can explore trades in a real and relevant setting. A student starts the apprenticeship training while attending high school. It combines regular high school instruction with paid, part-time, on-the-job training. It does not take the place of academic studies. The HSAP is available to all students in their home schools, coordinated by a regional coordinator.

To participate in the HSAP, the following is required:

- Taking core subjects grades 9-12
- 16 years of age
- Enrolled in High School

The HSAP provides practical, paid, work experience and the opportunity to:

- get hands-on experience using highly specialized, technological equipment
- earn up to 8 supplemental academic credits for graduation based on 110 working hours per credit (*up to 6 credits for Mature Diploma students)
- receive 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.

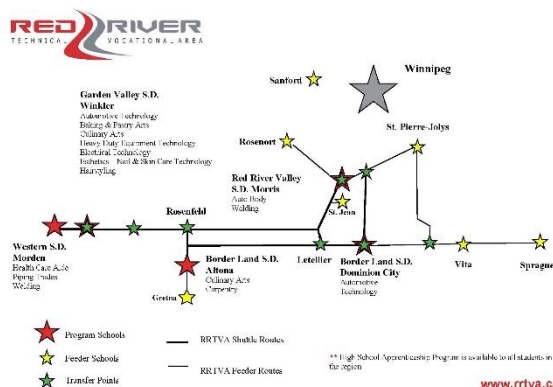
For more information about HSAP, please contact Andy Reimer – 204-319-0711, email – reimera@blsd.ca

Other

Credit Recovery

Registration in this class is based on administrative approval.

Red River Technical Vocational Area (RRTVA)



Full-Day Programs Offered Through Red River Technical Vocational Area (RRTVA)

The RRTVA is a consortium of regional high schools which have joined together to offer a wider variety of technology education programs than any one of them could offer on their own. It has become part of a strong tradition of working together to provide high quality technical education options to high school students of southern Manitoba.

Students typically take one semester of regular academic courses at their home school and one semester of technical training at the school that offers the program. Programs may take from one to three full semesters to complete.

Almost all trades related programs are accredited with Manitoba Apprenticeship. If a student achieves an accumulated average of 70% or higher in any accredited program, they may be granted the first level of technical training in the trade for which that program is accredited. They will still need to complete the Practical Training Time Credit for the first level which can be started through the High School Apprenticeship Program for high school credit as well.

Transportation to partner schools is provided and the classes are contained within the regular school day, students can be involved with extra-curricular activities in their home schools.

Each of the programs are outlined on the following pages. Any students interested in registering for any of the RRTVA programs must pick up a registration form from Morris School Guidance Counselor, Mrs. Edel, and complete and hand in a RRTVA application form to her directly.

Auto Body Repair (Morris School, Morris)

The Auto Body program prepares students to work in auto body repair shops and to prepare and apply finishes to a wide variety of surfaces. With the increasing complexity in automotive design, construction and finishes, this has become a technically advanced area of study. Students learn to work with a variety of automotive components, materials and finishes. Skills learned in this program are also valuable in other areas of study such as engineering and manufacturing.

Students learn the basics of auto body repair and painting techniques through a variety of assignments and special projects. Classroom theory is combined with a great deal of hands-on practice and learning in the shop. After learning to use hand and power tools related to the trade, students practice the skills on sample vehicle panels. As their skills develop, students have the opportunity to work on live projects including collision repair and customization of personal or customer vehicles.

Many students have found jobs with auto body repair shops and automobile dealerships. As well, on completion of the program employment opportunities may include:

Automotive Detailer	Auto Body Supplies person
Radiator Repair Technician	Insurance Estimator
Insurance Adjuster	Industrial Spray Painter
Glass and Trim Sales and Installer	

Courses
Level 1
9029 - Intro to Collision Repair & Refinishing Technology 20S
9030 - Fundamentals for Collision Repair & Refinishing Technology 30S
9035 - Surface Preparation & Refinishing 40S
9036 - Colour Theory & Career Preparation 40S
Level 2
9031 - Automotive Metals & Welding 30S
9032 - Corrosion Protection 30S
9033 - Damage Analysis & Structural Repairs 40S
9034 - Weld-on & Bolt-on Panel Replacement 40S

The Auto Body program is accredited with Manitoba Apprenticeship. If a student achieves an accumulated average of 70% or higher, they may be eligible for their first level of technical training in Automotive Painter or Motor Vehicle Body Repairer trade.

Automotive Technology (Roseau Valley School, Dominion City)

This program involves the maintenance and service of automobiles, heavy duty and agricultural equipment. Students learn about the service, maintenance and repair of mechanical systems through classroom instruction, along with practical experience in the shop. Students diagnose problems with motor vehicles and other equipment, and then perform the required service and repairs.

The student learns the proper use of trade related tools and equipment. Other related topics such as safety, mathematics, and science and trade technology are also covered. Students in Section 2 participate in an integral work placement component which allows them the opportunity to work with skilled technicians in a workplace setting, often results in local employment opportunities and improved future employment opportunities after graduation.

Many students have found employment with automobile and truck dealerships as well as companies servicing agricultural and construction equipment. A variety of mechanical, manufacturing and engineering occupations also fall into this category.

Employment opportunities may include:

Automotive Technician	Diesel Technician
Air Craft Technician	Transmission Technician
Fleet Services Technician	Hwy Tractor Operator
Service Writer/Advisor	Machinery Set-Up
Person Parts Clerk/Sales	Automotive Instructor
Farm Implement/Agriculture	Industrial Mill Wright

Students enrolled in the Automotive Technology program will improve their chances of obtaining employment as an apprentice in the motor vehicle mechanics field.

The Automotive Technology program is accredited with Manitoba Apprenticeship. If a student achieves an accumulated average of 70% or higher, they may be eligible for their first level of technical training in the Automotive Service Technician Trade. Practical training hours can be acquired through the High School Apprenticeship Program (HSAP) – a high school, evening/weekend/summer work practicum recognized Apprenticeship MB.

Automotive Technology courses include:

Courses
Level 1
8696 - Automotive Systems and Service 20S
8697 - Engine Fundamentals and Service 30S
8701 - Vehicle Systems Part 1 40S
8702 - Vehicle Systems Part 2 40S
Level 2
8698 - Chassis Fundamentals & Service 30S
8699 - Drivetrain Fundamentals & Service 30S
8700 - Automotive Electrical Systems 40S
8703 - Applied Diagnostic Strategies 40s

Carpentry (W.C. Miller Collegiate, Altona)

The Carpentry program provides students with the opportunity to experience many aspects of the trade of carpentry. The first section is an opportunity to explore the trade. Students learn how to use the tools and equipment, learn about measurement and how to transfer information from a drawing to a project. As students progress through the program, they develop their skills and knowledge on more complex and challenging projects as they prepare to transition to the work place. Precision, craftsmanship, and safe work procedures are emphasized throughout the program.

Career and Employment Opportunities

A student graduating from the Carpentry program can seek entry level employment in the construction industry. There are employment opportunities in the residential, commercial, and industrial construction sectors. Students can continue with their apprenticeship training or obtain post-secondary education in a variety of areas related to construction.

The opportunities range from work as a labourer to professional occupations. The career paths can be classified as follows:

- Labour – machine operator, general labourer, concrete finisher, etc.
- Trades – carpenters, electricians, plumbers, etc.
- Technical – surveyors, building inspectors, draftsman, etc.
- Professional – architect, engineer, etc.

If a student achieves an accumulated average of 70% or higher in Level 1 & 2 of the Carpentry program, they may be eligible for an exemption of the “in-school” portion of the Level 1 Apprenticeship training at Red River College. Additional Practical training hours can be acquired through the High School Apprenticeship Program (HSAP) - a high school, evening/weekend/summer work practicum recognized Apprenticeship MB.

Courses
Level 1
8585 - Carpentry Fundamentals 20S
9188 - Carpentry Tools and Equipment 30S
9189 - Framing 30S
9190 - Exterior Finishing 30S
Level 2
9191 - Surveying and Concrete
9192 - Advanced Framing 40S
9193 - Carpentry Millwork 40S
9194 - Applied Carpentry 40S

Culinary Arts (W.C. Miller Collegiate, Altona)

Where can you learn how to cook your way to success? The W.C. Miller Collegiate Culinary Arts program in Altona. Learn in what is arguably the best equipped teaching kitchen in all of Manitoba. Large food preparation areas, industrial grade equipment and experienced professional staff allow you to learn the basics of the commercial food industry while completing a high school diploma. When you're done you'll be confident and prepared to join the hospitality industry in one of the many different jobs available around the world.

W.C Miller Culinary Arts consists of three levels that teach students culinary and baking skills throughout the program. The first two levels are each single semester, four credit program that focuses on the basics of commercial cooking. Students will have the opportunity to learn the skills necessary to find employment in entry-level positions in a variety of food service areas such as cafeterias, dining rooms, and restaurants. Unique to this culinary program is a Level 3, single semester four credit baking program where students focus more on this fascinating and delicious sub-trade in the culinary arts industry. The program is set up as an integrated culinary and baking program which allows students to

experience both across the three years while still specializing each year.

The Culinary Arts program is accredited by Manitoba Apprenticeship and allows you get your start on a Red Seal (your professional certificate) in the cook trade. If a student completes the first two sections of the Culinary Arts program and achieve an accumulated average of 70% or higher, they may be eligible for their first level of technical training in the Cook Trade. Additional Practical training hours can be acquired through the High School Apprenticeship Program (HSAP) -a high school, evening/weekend/summer work practicum recognized Apprenticeship MB.

Overall, this program will give you a unique balance of theory, practical instruction, and on the job application. Some time is spent each day studying theory through assignments, tests, and instructional packages, but the majority of the day is spent in the kitchen applying your learning. Students take time to build their skills through one on one and small group instruction with our Red Seal Chef, progressing to preparing food for service in the school cafeteria. Come to W.C Miller so you can have the full culinary and baking experience.

Culinary Arts courses include:

Courses
Level 1
8791 - Cooking Principles 20S
8792 - Garde Manger 30S
8793 - Patisserie and Baking 30S
8795 - Stocks, Soups & Sauces 40S
Level 2
8794 - Veg, Fungi, Starches & Farinaceous Products 30S
8796 - Breakfast and Dairy 40S
8797 - Menu Planning and Food Costing 40S
8798 - Meats, Poultry, Fish & Seafood 40S
Level 3
8324 - Intro Baking & Pastry Arts 20S
8338 - Quick Breads, Cookies, Doughnuts, Pies 30S
8339 - Yeast Dough Products 30S
8998 - Advanced Baking & Pastries 40S

Electrical Technology (Northlands Parkway Collegiate, Winkler)

The Electrical Technology program provides students with the knowledge and skills necessary to install, operate, trouble shoot, service and repair electrical equipment in residential, commercial and industrial settings.

In the Electrical Technology program the students:

- Perform actual wiring in a series of projects, from simple circuits to more complex circuits.
- Cover current, voltage, resistance, switch currents, Ohm's Law, series and parallel circuits and electronic measurement.
- Research and become familiar on how to locate and interpret the Canadian Electrical Code book.
- Understand different types of AC Circuits including AC test equipment, inductive, capacitive and transformers.
- Be introduced to basic industrial wiring including fire alarm systems, conduit bending, armoured cable applications, motor controllers, blueprint reading and the Canadian Electrical Code.
- Read and interpret blueprints, drawings and code specifications for layout and installation of electrical equipment.
- Learn safe working procedures, conditions & injury prevention.
- Receive training in human relations, customer service, organization skills running a small business and apprenticeship applications.
- Install, repair and replace electrical wiring, receptacles, switch boxes, conduits, feeders, cable assemblies, lighting fixtures and other electrical components.
- Test electrical and electronic equipment for continuity, current voltage and resistance
- Troubleshoot, maintain and repair electrical and electronic control systems and devices as well as microprocessor-based systems.
- Calibrate instrumentation devices.

Courses
Level 1
9055 - Introduction to Electrical Trades Technology
9056 - Electrical Trades DC Fundamentals
9057 - Residential Wiring 30S
9059 - Advanced Residential Wiring 40S
Level 2
9058 - Electrical Wiring Methods 30S
9060 - Electrical Trades AC Fundamentals 40S
9061 - Advanced Electrical Wiring Methods 40S
9062 - Applied Electrical Trades Technology

The Electrical Technology program is aligned with Manitoba Apprenticeship level 1 training, which offers a student who has completed this program with an accumulated average of 70% or higher eligibility for their Level 1 Apprenticeship training in the 3 Electrical Trades: (1) Construction Electrician, (2) Industrial Electrician, (3) Power Electrician.

Esthetics- Nail Technology & Skin Care Technology (Northlands Parkway Collegiate, Winkler)

The Esthetics program will provide the students with the knowledge and skills necessary for all aspects of nail and skin care including manicures, pedicures, nail extensions, nail art and treatments, skin care and treatments, make-up artistry and hair removal. The program will provide the students with theory and practical training on mannequins and real clients in a new well-equipped salon facility.

A student interested in enrolling in the esthetics major should be in good health and have good physical stamina. This industry is not only mentally, but physically challenging. Long hours will be spent sitting, standing, bending, reaching and repeating the same motions. If a student has a bad back or weak knees this course is not recommended. Students must have good vision and hearing (normal or corrected); be non-allergic to chemical solutions; be able to read directions; be friendly and congenial with customers and fellow students.

There are two combined trades in this program:

In the Section 1 Nail Technology (4 credits) courses the students will:

- Basic of Chemistry, Anatomy, Physiology and Infection Control
- Perform manicures and pedicures on fellow students and clients
- File and shape nails, remove cuticle and callus, massage
- Removes and applies nail enamel/semi-permanent polish to nails
- Perform manicure and pedicure treatments-paraffin, hot stone and spa
- Applies artificial nail enhancements-gel, acrylic and fiberglass temporary nail tips
- Decorate clients' nails with designs and attach ornaments to nails
- Prepare for provincial practical exam

Students interested in the Nail Technician accreditation option must:

- Attain an accumulated average of 70% in both the Theory and Practical components of the Nail Technician program
- Complete all of the Practical and Theory assignments/tests required by Apprenticeship Manitoba
- Complete the required 400 Technical Training hours
- Register with Manitoba Apprenticeship through an Apprenticeship Agreement

The required, 1000 practical training hours can be acquired through the High School Apprenticeship Program (HSAP) - a high school, evening/weekend/summer work practicum recognized Apprenticeship MB.

In the **Section 2 & 3 Skin Care Technology (8 credits)** courses the students will:

- Basics of Anatomy, Physiology, Dermatology, Histology, and Infection control
- Assess each client's skin condition and appearance to recognize diseases and disorders
- Demonstrate proper cleansing, exfoliation, and perform extractions for facial treatments and product knowledge
- Provide cosmetic massages and body treatments
- Correct skin problems using facial machines-high frequency, steamer, galvanic and more
- Perform day-time, evening, bridal and dramatic make-up and advise client
- Remove unwanted hair using depilatory methods

Students interested in the Esthetician accreditation option must:

- Attain an accumulated average of 70% or more in both the Theory and Practical components of the Esthetician program
- Complete the Practical and Theory assignments/tests required by Apprenticeship <Manitoba
- Complete the required 1064 Technical Training hours
- Register with Manitoba apprenticeship thought and Apprenticeship Agreement

The required, 3200 (1600 in each level) practical training hours can be acquired through the High School Apprenticeship (HSAP) – Evening/weekend/summer work practicum recognized Apprenticeship MB.

Courses
Level 1
9064 – Introduction to Esthetics
9065 – Manicure and Pedicure Treatments
9066 – Artificial Nails
9067 – Applied Nail Technology
Level 2
9063 – Exploration of Esthetics
9068 – Basic Skin Care
9076 – Hair Removal
9069 – Intermediate Skin Care
Level 3
9078 – Spa Services
9074 – Advanced Skin Care
9075 – Applied Skin Care
9077 – Make-up Artistry

Hairstyling

(Northlands Parkway Collegiate, Winkler)

The Hairstyling program provides students with the theoretical knowledge and practical experience in all aspects of hair services for woman and men. Students are also trained in performing a basic Manicuring for clients. This accredited program is delivered through classroom theory instruction, working with mannequins, as well as the faithful clientele of the school. A student should have a creative flare, good finger dexterity, tolerance of the products used in the hairstyling industry, And strong customer service abilities. There is currently a skilled trade's person's shortage within the province of Manitoba

Completion of this program will offer students the following opportunities

- *Hairstyling*
- *Beauty Sales representative*
- *Salon Owner*
- *Salon Manager*
- *Receptionist*
- *Hair color Technician*
- *Platform Artist*
- *Hair Competition judges*

The Hairstyling program is accredited by Manitoba Apprenticeship and lets you get your start on a Red Seal (your professional certificate) in the Hairstyling trade. Students who take all three sections of this program, achieve 70% and the required 1400 hours are recognized by Manitoba Apprenticeship. Practical training hours can be acquired though the High School Apprenticeship Program (HSAP) – a

high school, evening/weekend/summer work practicum recognized Apprenticeship MB.

Courses
Level 1 (beginner)
8312 - Intro to Hairstyling 20S
8313 - Basic Hairstyling 20S
8314 - Basic Hair Cut and Thermal Styling 20S
8315 - Related Salon Services 20S
Level 2 (intermediate)
8316 - Intermediate Haircutting & Barbering Techniques
8317 - Hair Colouring
8318 - Intermediate Hairstyling & Artificial Hair
8319 - Chemical Texture Services
Level 3 (Advanced)
8320 -Advanced Hairstyling & Colouring 40S
8321 - Advanced Haircutting & Chemical Texturizing 40S
8322 - Salon Operation 40S
8323 - Certificate Preparation 40S

Health Care Aide

(Location TBA)

Health Care Aide is a dual credit program offered jointly by schools in the RRVTA and Red River College, Winkler Campus. This college accredited program is offered at no cost for tuition or books to eligible high school students. High School Graduates may receive a subsidy for a portion of the Health Care Aide program tuition costs. This program will prepare students for entry level jobs in the health care field as nursing aides in hospitals and care homes as well as, home care workers.

Health Care Aide students are enrolled in a sponsoring RRTVA school as well as at Red River College (RRC). The credits earned in this program are registered at both their home high school as well as at RRC. Upon successful completion of the program, students will receive five Grade 12 credits as well as the RRC Health Care Aide certificate which is recognized in the health care field across Manitoba. Students will be required to provide their own transportation to various locations during the Health Care Aide program.

While this program is open to Grade 12 students, it should be noted that the courses are delivered at a college level by RRC and the requirements are those of a college classroom. While a high school credit may be granted if the student achieves a grade of 50% or better, the college requires a minimum of 70% to be eligible for their certificate. The college reserves the right to change its requirements as they see fit.

All admissions will be done in consultation with Red River College and all applicants will be required to successfully

complete a Degrees of Reading Proficiency Test (DRP) through the college.

Students may use these credits towards a Manitoba Senior Years Technology diploma. Check with your home school counsellor for details.

Health Care Aide course include:

Courses
Program Includes
8804 - Safety in Health Care 40S
8803 - Human Relations 40S
8808 - Aging and Related Disorders 40S
8811 - Concepts for Practice 40S
8812 - Personal Care Skills and Needs 40S

Heavy Duty Equipment Technology (GVC TEC, Winkler)

The Heavy Duty Equipment Technicians are a vital part of today's economy and the job opportunities and wages offered today reflect this demand.

The program involves the development of many technical skills that are needed to succeed in this ever changing field of technology. This training which is a combination of in class theory as well as live hands on repair work and shop time will allow students to take advantage of many job opportunities in the future.

The program consists of eight courses offered over two semesters. It will focus on Safety Training related to work in the shop as well as proper use of hand tools, Rebuilding and diagnosing Engines, Transmissions, differentials and clutches, as well as some basic electrical and touching on Computers Diagnostics. In addition, students will learn other skills in related areas such as Forklift operation, Basic Welding, and Operating Heavy Equipment.

There are three main areas that are covered in the Heavy Duty Equipment Technology program. They are Agricultural Equipment Technician, Truck and Transport Mechanic, and Heavy Duty Equipment Technician. After completing the course students have found employment at truck and transport dealerships, trucking firms, repair centers, Ag Dealerships, Farm machinery retail and service shops as well as working for Heavy construction companies, railways, companies involved in forestry, farming, oil and gas, material handling, landscaping and land clearing all employ heavy duty equipment technicians as well as a variety of other jobs

relating to mechanical, manufacturing and engineering occupations.

Heavy Duty Equipment Technology Courses include:

Courses
Level 1
8673 - Introduction to Heavy Duty Equipment Technology 20S
8674 - Diesel Engines Fundamentals and Service 30S
8675 - Chassis, Frame and Undercarriage System 30S
8676 - Welding Processes and Fuels 30S
Level 2
8677 - Standard Transmissions, Drivelines, Transfer Cases and Power Take Offs 40S
8678 - Tires, Wheels and Brake Assemblies 40S
8679 - Electrical Fundamentals, Computers, and Diagnostic Equipment 40S
8704 - Applied Heavy Duty Equipment Technology 40S

This program is aligned with Manitoba Apprenticeship training, offering students with an accumulated average of 70% or higher their first level of technical training in 3 Heavy Duty Equipment Technician trades: (1) Farm Equipment Technician, (2) Heavy Duty Technician, (3) Truck Transport Technician.

The Heavy Duty Equipment Technician program is offered in a bright, clean well equipped shop with quality tools and current diagnostic equipment at the Garden Valley Collegiate Technical Education Centre.

High School Apprenticeship Program

This program allows students to start an apprenticeship program while still in high school. It links high school instruction with paid, part-time, on-the-job apprenticeship training. Students need a qualified and insured employer who will hire them and train them as an apprentice. Students will earn one credit for every 110 hours of apprenticeship training, to a maximum of eight credits. Students will be paid a trade-specific rate and may apply their on-the-job hours to full-time apprenticeship training after graduation. Working hours can be scheduled to include evenings, weekends, and summer break. The HSAP is an excellent way for students to increase their 1) personal employability skills, 2) work-world essential skills, 3) technical trade knowledge, and 4) technical trade skills.

For more information, talk to your school guidance counsellor or contact Andy Reimer at 204-319-0711 or ReimerA@blsd.ca



Benefits of the HSAP

- Earn up to eight supplemental academic credits for graduation
- Be paid more than minimum wage
- Credits received may pay for postsecondary training
- Use this work experience to get a full-time job
- Apply your on-the-job hours to full-time apprenticeship training after graduation

You have access to career opportunities in almost 60 trades. For more complete listing of eligible trades refer to Manitoba Trades:

<https://www.gov.mb.ca/wd/apprenticeship/discover/mbtrades/index.html>

Welding (Morris School, Morris)

The Welding program trains students for the welding workforce. Students completing this course may be ready to enter the workforce as welders. This program involves the joining and cutting of various metals using equipment of the trade. There are numerous welding processes, depending on the type of equipment and techniques used.

Students learn by doing. By studying the theory and then doing the related practical projects, students can achieve a high skill level. Once students have mastered the skills of a particular process they will reinforce this learning by designing and building projects which might include utility or custom-made trailers, ornamental railings and ironwork, gym equipment, and projects brought in from the community. Students are required to study related subjects such as safety, math, blueprint reading, and metallurgy to complement their practical work.

Completion of training in this program will improve student's chances of locating employment as an apprentice in the welding field. Students who have completed this program with an accumulated average of 70% or higher may be eligible for their first level of Apprenticeship training in the Welding trade.

Additional practical training hours can be acquired through the High School Apprenticeship Program (HSAP) - a high school, evening/weekend/summer work practicum recognized Apprenticeship MB.

The program will also assist in developing entry level skills for workers in a wide range of employment opportunities such as:

Construction Welders	Maintenance Welders
Specialty TIG Welders	Production Line Welders
Welding Inspectors	Welding Supplies Salesperson

Related professions such as: Drafting, Engineering and Architecture.

Welding Technology courses include:

Courses
Level 1
8378 - Introduction to Welding Technology 20S
8414 - Metal Design/ Fabrication and Oxy-Acetylene Procedures 30S
8474 - Basic GMAW (MIG) Procedures 30S
8487 - Advanced GMAW (MIG) Procedures 40S
Level 2
8486 - Basic SMAW (ARC) Procedures 30S
8488 - Advanced SMAW (ARC) Procedures 40S
8489 - Advanced Metal Design/Fabrication 40S
8503 - Applied Specialties & Qualifications 40S



Course Voluntary Withdrawal Form

Senior Years

Change or withdrawal from a course is a three step process which must be followed in order. This form must be completed and presented to Student Records at the Office before the dates listed below.

Deadlines to submit

Semester 1

Course change: September 18, 2020

Voluntary withdrawal: October 5, 2020

Semester 2

Course change: February 12, 2021

Voluntary withdrawal: March 1, 2021

Student name: _____ **Date:** _____

Course: _____ **Current mark:** _____

Step1

Classroom teacher – please sign below acknowledging the student’s notice of intent to change/withdraw from your course. Please provide any comments which may be helpful to administration and parents.

Classroom teacher comments:

Signature:

Step2

Administration – please sign below authorizing the student’s request to change/withdraw from the course. Please provide any comments which may be helpful to parents.

Administration comments:

Signature:

Step3

Parents – if you wish to change or withdraw your student from the course, please sign below.

Parent’s signature

Date