

# Carpenter High School



## COURSE SUMMARY GUIDE

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Vice-Principal: Mr. Jesse Shakotko  
Vice Principal: Ms. Kendra Paramchuk  
Career Counsellor: Ms. Carla Waterman

## **General Information**

### **A. Arts Education**

Visual Art 10  
Visual Art 20  
Visual Art 30  
Band 10  
Band 20  
Band 30  
Drama 10  
Drama 20  
Drama 30

### **B. Language**

English Language Arts A 10  
English Language Arts B 10  
English Language Arts 20  
English Language Arts A 30  
English Language Arts B 30  
Modified English Language Arts 11/21/31

### **C. Mathematics**

Workplace and Apprenticeship 10  
Workplace and Apprenticeship 20  
Workplace and Apprenticeship 30  
Foundations of Mathematics and Pre-Calculus 10  
Foundations of Math 20  
Foundations of Math 30  
Pre-Calculus 20  
Pre-Calculus 30  
Modified Math 11  
Modified Math 21

### **D. Physical Education**

Wellness 10  
Physical Education 20  
Physical Education 30

### **E. Science**

Science 10  
Computer Science 20  
Computer Science 30  
Health Science 20  
Environmental Science 20/21  
Physical Science 20  
Biology 30  
Chemistry 30  
Physics 30

### **F. Social Sciences**

Native Studies 10  
Native Studies 20  
Native Studies 30  
History 10  
History 20  
History 30  
Psychology 20  
Psychology 30  
Law 30

### **G. Practical & Applied Arts**

Career & Work Exploration 10/20  
Career & Work Exploration A 30/B 30  
PAA Computers 10  
PAA Mechanics 20  
Robotics 10  
Robotics 20  
Construction & Carpentry 10  
Construction & Carpentry 20  
Construction & Carpentry 30  
Food Studies 10  
Food Studies 30  
Drafting/CAD 10  
Drafting/CAD 20  
Drafting/CAD 30  
Cosmetology 10  
Cosmetology 20  
Cosmetology 30  
Welding 10  
Welding 20  
Welding 30 A  
Welding 30 B  
Interior Design and Decorating 30

### **H. French Immersion**

French Immersion 10  
French History 10  
French Foods 10  
French Visual Art 10/20/30  
French Immersion 20  
French History 20  
French Immersion Integre 20  
French Immersion 30  
French Social Studies 30

**I. Electives**

Cree 10  
 Cree 20  
 Forensic Studies 20  
 Mental Wellness 30  
 Financial Literacy 30  
 Special Project Credit

**GENERAL INFORMATION**

Welcome to Carpenter High School. We strive to maintain a rich tradition of academic excellence. Our curricular program attempts to meet the needs and interests of all students. Courses vary from construction and fine arts to computer science and calculus. This booklet contains an outline of compulsory educational requirements and guidelines for the selection of optional subjects. Course descriptions on the following pages are provided to assist you. Please feel free to contact us at 306-236-5236 for more details or to arrange a personal visit with our counselor. We look forward to working with you. We ask that students share this material with parents/ guardians so they can fully participate in decisions made.

**CHANGES IN CLASSES**

Allocation of staff and the preparation for the timetable will be made on the basis of the course requests that students complete, each spring. Changes in classes will be discouraged except where there are extenuating circumstances. Parents and the school's administration must approve all changes in classes.

**CLASS WITHDRAWALS**

Once a student has been attending a class, a request to withdraw must have teacher, parent/guardian, and administrative approval. A student must continue to attend this class while this drop request is being processed.

**SPECIAL SITUATIONS**

Out of province transfers, physically challenged students, etc. may apply to have some requirements waived or altered where necessary. Such situations are evaluated by the school and by Saskatchewan Education on a case-by-case basis.

**SASKATCHEWAN CREDIT REQUIREMENTS**

Saskatchewan students must attain **at least 24 credits prior to graduation**. 2 of the 24 credits must be from the Arts Education/Practical and Applied Arts areas.

**GRADE 10 REQUIREMENTS**

Grade 10 minimum 8 credits
English Language Arts A 10 English Language Arts B 10 History 10 or Native Studies 10 Science 10 Wellness 10 Mathematics Workplace & Apprenticeship 10 and/or Mathematics Foundation and Pre-Calculus 10 3 – 4 Electives any level

**Grade 10 students must take 10 classes.**

**GRADE 11 REQUIREMENTS**

Grade 11 minimum 16 credits
English Language Arts 20 At least one 20 level Mathematics At least one 20 level Science At least one 20 level Social Studies 6 Electives any level

**GRADE 11 STUDENTS MUST TAKE A MINIMUM OF 8 CLASSES.**

**GRADE 12 REQUIREMENTS**

Grade 12 minimum 24 credits to graduate
English Language Arts A 30 English Language Arts B 30 History 30 or Native Studies 30 5 classes at the 30 level

**GRADE 12 STUDENTS MUST TAKE 4 CLASSES PER SEMESTER UNLESS APPROVED BY THE PRINCIPAL.**

**DRIVER'S EDUCATION**

Pre-requisite: Must be 15 years of age as of May 15 of current school year.

The program has 30 hours of in-class instruction and 6 hours of in-car instruction. This course is offered before school and at noon hour several times throughout the year.

**FRENCH IMMERSION CERTIFICATE**

To graduate with a Bilingual Mention Diploma, students are required to obtain a minimum of 12 French Immersion credits. Most students will take 4 French credits in grade ten, 4 in grade eleven, and 4 in grade twelve.

Classes are scheduled on the basis of student demand. Where there is insufficient interest, a class will not be scheduled. In the following pages you will find the descriptions of classes that **may** be offered during the school year. Please carefully study the information before you complete a course request form.

**A. ARTS EDUCATION****Visual Art 10****Credit: 1.0**

Pre-requisite: None

This course enables students to further develop their knowledge and skills in visual art. Any student can “create” as long as they are provided with the appropriate skills, techniques and rules. Topics include Art History, Art Appreciation, Art Criticism, and Art Process. A variety of mediums will be utilized: pencil, charcoal, scratchboard, paint and paper.

**Visual Art 20****Credit: 1.0**

Pre-requisite: None

This course enables students to further develop their knowledge and skills in visual art. Any student can “create” as long as they are provided with the appropriate skills, techniques and rules. Topics include Art History, Art Appreciation, Art Criticism, and Art Process. A variety of mediums will be utilized: pencil, charcoal, scratchboard, paint and paper.

**Visual Art 30****Credit: 1.0**

Pre-requisite: None

This course enables students to further develop their knowledge and skills in visual art. Any student can “create” as long as they are provided with the appropriate skills, techniques and rules. Topics include Art History, Art Appreciation, Art Criticism, and Art Process. A variety of mediums will be utilized: pencil, charcoal, scratchboard, paint and paper.

**Band 10****Credit: 1.0**

Pre-requisite: None, however Band 8 and 9 strongly recommended.

Band 10 is a performance – based class designed to enable students communicate effectively through instrumental music and to understand and value a variety of musical expression throughout life. The focus of Band 10 allows students to work as a team to create musical experiences through instrumental performances in large and small ensembles.

**Band 20****Credit: 1.0**

Pre-requisite: None, however Band 10 strongly recommended.

Band 20 is a performance – based class designed to enable students communicate effectively through instrumental music and to understand and value a variety of musical expression throughout life. The focus of Band 10 allows students to work as a team to create musical experiences through instrumental performances in large and small ensembles.

**Band 30****Credit: 1.0**

Pre-requisite: None, however Band 20 strongly recommended.

Band 30 is a performance – based class designed to enable students communicate effectively through instrumental music and to understand and value a variety of musical expression throughout life. The focus of Band 10 allows students to work as a team to create musical experiences through instrumental performances in large and small ensembles.

**Drama 10****Credit: 1.0**

Pre-requisite: None

Through performance projects, Drama 10 allows students to explore speech/voice, improvisation, various theatre genres, styles and performance practices.

**Drama 20** **Credit: 1.0**  
 Pre-requisite: None  
 Through performance projects, Drama 20 allows students to explore speech/voice, improvisation, various theatre genres, styles and performance practices.

**Drama 30** **Credit: 1.0**  
 Pre-requisite: None  
 Through performance projects, Drama 30 allows students to explore speech/voice, improvisation, various theatre genres, styles and performance practices.

## B. LANGUAGE ARTS

**English Language Arts A 10** **Credit: 1.0**  
 Pre-requisite: None  
 Themes studied from various sources are Canadian Frontiers and Homeland, Challenges, and the Unknown. The writing process will be taught with intensive study of capitalization and punctuation, parts of speech, elements of the short story and sentence patterns and errors. Evaluation is based on tests, assignments and the final exam.

**English Language Arts B 10** **Credit: 1.0**  
 Pre-requisite: None  
 Themes are studied from various sources and include: The Environment and Technology, Decisions, Equality, and a Shakespeare play. The writing process will be taught with intensive study of single and multiple paragraph construction and the basic essay format. Evaluation is based on tests, assignments and the final exam.

**English Language Arts A 20** **Credit: 1.0**  
 Pre-requisite: ELA A 10  
 Themes covered include: Starting Out – Beginning and Becoming (The Past and the Present; Triumphs and Trials; Discovery and Disillusionment; Relationships with Family and Others; Celebrations and Rites of Passage) Moving Forward – Establishing and Realizing (Turning Points and Transitions; Evolving Roles and Responsibilities; Opportunities and Obstacles; Risks and Rewards; Beliefs and Goals.

**English Language Arts A 30** **Credit: 1.0**  
 Pre-requisite: ELA A 20  
 Themes covered include:  
 Unit I–Canadian Perspectives: Distinct and Rich (Define the Individual, Negotiate the Community; Celebrate the Glorious, Acknowledge the Scandalous; Shift Centres, Blur Margins; Understand Beliefs, Initiate Action)  
 Unit II–Canadian Landscapes: Diverse and Dynamic (Natural and Constructed; Psychological and Physical; Historical and Contemporary; Personal and Societal)

**English Language Arts B 30** **Credit: 1.0**  
 Pre-requisite: ELA A 20  
 Themes covered include:  
 Unit I–The Search for Self (Sense of Self; Ideals; Joy and Inspiration; Doubt and Fear)  
 Unit II–The Social Experience (Dealing with Universal Issues; Ambition, Power, and the Common Good; Social Criticism; Addressing the Issues)

**Modified ELA 11/21/31** **Credit: 1.0**  
 ELA 11, 21, 31 is recommended to students only after a professional judgment has been made that the needs of these students cannot be accommodated through the application of the Adaptive Dimension within the provincially developed course.  
 This course eliminates the student entrance to university programs and to some other post-secondary programs. The main goal of this course is to ensure that students experience success in the development of English skills that will enable them to function in a working world.

## C. MATHEMATICS

**Workplace and Apprenticeship 10** **Credit: 1.0**  
 Pre-requisite: None  
 Workplace and Apprenticeship 10 was developed for students who wish to pursue post-secondary studies in trades, certified occupations or directly into the workforce. Consequently, Workplace and Apprenticeship 10 delivers the curriculum outcomes through projects, activities, and problems set in real world context. This enables students to make connections between school mathematics and the workplace. Some of the topics covered include: Unit pricing and currency exchange, earnings and income, linear and area measurement, mass temperature and volume, and trigonometry.

**Workplace and Apprenticeship 20** **Credit: 1.0**

Pre-requisite: Workplace and Apprenticeship 10  
 The aim of this course is to develop mathematical skills that apply to real life situations, and will be utilized in various careers in the trades and business world. The topics covered are 1) Rate of change and slope, 2) Graphical representations, 3) Surface area and Volume of composite objects, 4) Trigonometry of Right triangles, 5) Scale factors and representations, and 6) Banking and Budgeting.

**Workplace and Apprenticeship 30** **Credit: 1.0**

Pre-requisite: Workplace and Apprenticeship 20  
 This course meets the needs of students intending to pursue careers in the trades and general workplaces. Content covered includes: odds & probability, linear relations, limits to measurement, statistics, operating a small business, transformations, properties of geometric figures, and trigonometry.

**Foundations of Mathematics and Pre-Calculus 10****Credit: 1.0**

Pre-requisite: None This course is a prerequisite for both the Foundations 20 and Pre-calculus Math 20 courses. For students intending on furthering studies into post-secondary programs it is a must! Although trigonometry is one of the included topics, the emphasis in this course is on algebra with factoring, linear functions, systems of equations, laws of exponents, and radicals being some of the big ideas.

**Foundations of Math 20** **Credit: 1.0**

Pre-requisite: Foundations of Math & Pre-Calc 10  
 The aim of this course is to develop the understanding and abilities necessary to be confident and competent in thinking and working mathematically in their daily activities, ongoing learning, and work experience. The topics covered are 1) making conjectures using inductive and deductive reasoning, 2) properties of parallel lines and angles, 3) properties of acute and oblique triangles including the sine and cosine laws, 4) statistical reasoning including normal distribution, standard deviations, z-scores, and confidence levels, 5) systems of linear inequalities, 6) quadratic relations and graphing, and 7) proportional reasoning.

**Foundations of Math 30** **Credit: 1.0**

Pre-requisite: Foundations of Math 20  
 This course is designed for students who plan to further their education after high school, but will not have to take calculus-based math courses in their post-secondary education. Topics included are Financial Math, Set Theory and Logic, Counting Methods, Probability, Polynomial Functional, Exponential Functions, Logarithmic Functions, and Sinusoidal Functions.

**Pre-Calculus 20** **Credit: 1.0**

Pre-requisite: Foundations of Math & Pre-Calc 10  
 This course is designed for students who enjoy math and are considering entering a university program. Topics covered will be Series and Sequences, Trigonometry, Quadratic Functions and Equations, Radical Expressions and Equations, Rational Expressions and Equations, Absolute Value and Reciprocal Equations, System of Equations and Linear and Quadratic Inequalities.

**Pre-Calculus 30** **Credit: 1.0**

Pre-requisite: Pre-Calculus 20  
 This course is designed for students who are planning to obtain a university degree. It is essential to take this course, if students must take a university math course that is calculus based. Topics included are Function Transformation, Radical Functions, Polynomial Functions, Trigonometry, Trigonometric Identities, Exponential Functions, Logarithmic Functions, Rational Functions, Function Operations, and Permutations and Combinations.

**Calculus 30** **Credit: 1.0**

Pre-requisite: Pre-Calculus 30  
 This is a university level math course that covers all topics from Calculus I and many topics from Calculus II. The "big three" concepts of calculus will be covered. These are limits, derivatives, and integrals. Many theorems, such as the Mean Value Theorem and the Fundamental Theorem of Calculus will be covered in depth. Students who complete this course will receive a high school calculus credit.

**Modified Math 11**

**Credit: 1.0**

Pre-requisite: None

This course is designed for students who need math credits to fulfill their graduation requirement. The courses can't be used for post-secondary acceptance. The topics covered are the same as the Work Place 10 course, but at a slower rate, and with a smaller class size. Basic math skills are stressed in this course, as well as study techniques for exams.

**Modified Math 21**

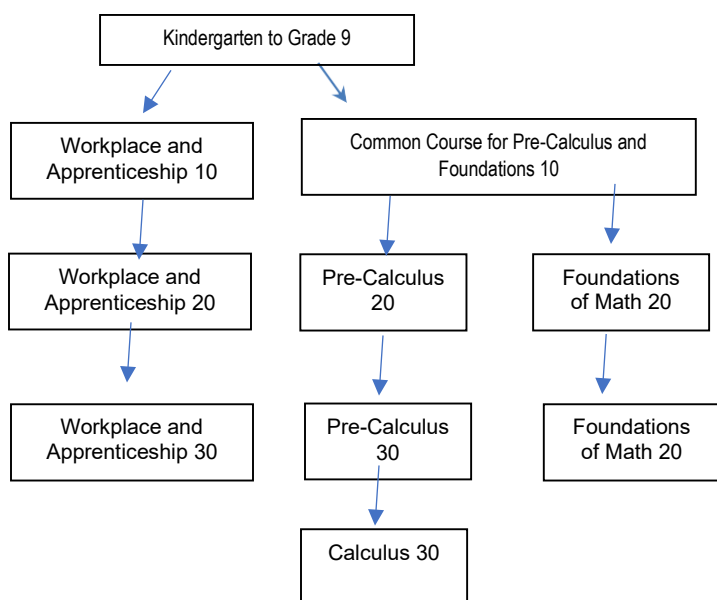
**Credit: 1.0**

Pre-requisite: Modified Math 11

This course is the second course available to students who need two senior math credits to graduate. The credit from this course cannot be used for post-secondary admission. The topics covered are the same as in Work Place 20, but at a slower pace, and with a smaller class size. Basic math skills for the workplace are stressed, as well as study techniques.

**SENIOR MATH PROGRAM**

Each course in a pathway is a pre-requisite to the subsequent course in that pathway. Students may take courses in another pathway but must have the pre-requisite course. The graduation requirement will be a level 20 course. Calculus is offered as a course option following Pre-Calculus 30.



**D. PHYSICAL EDUCATION**

**Wellness 10**

**Credit: 1.0**

Pre-requisite: None

- 1) Develop the understanding, skills and confidences necessary to take action to improve health.
- 2) Make informed decisions based on health-related knowledge.
- 3) Apply decisions that will improve personal health and/or the health of others.
- 4) Active Living - Enjoy and engage in healthy levels of participation in movement activities to support lifelong active living in the context of self, family and community.
- 5) Skillful Movement - Enhance quality of movement by understanding, developing and transferring movement concepts, skills, tactics and strategies to a wide variety of movement activities
- 6) Relationships - Balance self through safe and respectful personal, social, cultural and environmental interactions in a wide variety of movement activities.

Purpose: Working to develop confident & competent students who understand, appreciate and engage in a balanced, healthy and active lifestyle.

**Physical Education 20**

**Credit: 1.0**

Pre-requisite: None

This physical education class should be diverse enough to allow every student the opportunity to participate in activities which provide success and enjoyment. A quality physical education program develops personal living skills, knowledge, respect and skill acquisition that should surpass the boundaries of the gymnasium and fields to create lifelong participation and essentially healthy citizens in our community.

The aim of physical education is lifelong participation. Skill development and participation will foster the development of positive attitudes toward a lifetime commitment to physical activity. Students will be exposed to varieties of activities and sports that will help foster their physical wellbeing.

**Physical Education 30****Credit: 1.0**

Pre-requisite: None

This physical education class should be diverse enough to allow every student the opportunity to participate in activities which provide success and enjoyment. A quality physical education program develops personal living skills, knowledge, respect and skill acquisition that should surpass the boundaries of the gymnasium and fields to create lifelong participation and essentially healthy citizens in our community.

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**E. SCIENCE****Science 10****Credit: 1.0**

Pre-requisite: None

Science 10 is a course designed to give students a chance to experience biology, chemistry and physics to assist them in choosing their specialized 20 and 30 level science courses. Topics include Climate and Ecosystem Dynamics, Chemical Reactions and Forces and Motion in our World.

**Computer Science 20****Credit: 1.0**

Pre-requisite: Science 10

The main aim of the computer science program is to prepare literate individuals who value technology and appreciate its role and society. The course consists of an introduction to the JavaScript and HTML/CSS languages. Students will learn the basic fundamentals in computer programming that will give them a better understanding of web, app, and game design. Students will also examine a variety of research topics in current technology trends.

**Computer Science 30****Credit: 1.0**

Pre-requisite: Computer Science 20

Computer Science 30 is a course that builds on the acquired knowledge gained in Computer Science 20.

The course has a primary focus on the Python Programming language and uses many transferable skills learned previously in Computer Science 20. The

course also looks at the basic theory behind Java Programming and the development and implementation of its principles. Students will have the opportunity to engage in high level problem solving while taking part in this course.

**Health Science 20****Credit: 1.0**

Pre-requisite: Science 10

This course will challenge students to look at the health science field from holistic and analytic perspectives to provide a basis for making sound personal health choices. Students will examine the range of philosophies that guide health care and consider ethical decisions within those contexts. Understanding the basic anatomy and physiology of the human body will provide a context for studying the normal and abnormal functioning of various body systems, including the role of nutrition and metabolism. Lastly, students will examine diagnostic tools and procedures and how they are used to inform treatment. Health Science 20 may be used as the prerequisite for Biology 30.

**Environmental Science 20****Credit: 1.0**

Pre-requisite: Science 10

Environmental Science 20 is a course created to allow students to learn about a broader range of scientific fields and science concepts. The course is interdisciplinary, meaning that it draws for a variety of different fields and industries. It reaches far beyond what is normally expected of science and touches on many of the social sciences and humanities as well. Environmental Science 20 may be used as the prerequisite for Biology 30. Topics include the Integrative Nature of Environmental Science, Atmospheric Systems, Human Population, Aquatic Systems and Terrestrial Ecosystems.

**Physical Science 20****Credit: 1.0**

Pre-requisite: Science 10

This course combines chemistry and physics in an integrated manner to investigate concepts related to heating and cooling, the foundations of chemistry, including the mole and quantitative analysis of molecules and chemical reactions, and the



characteristics and properties of waves. Physical Science is the prerequisite for Physics 30 and Chem 30.

**Biology 30****Credit: 1.0**

Pre-requisite: Health Science 20 or Env Sci 20  
Biology 30 is a course designed to examine the significance of evolution in explaining what life is and how it changes over time. Students will also explore the organization of life in all kingdoms through the study of biomolecules, cellular processes and organism function. In genetics and biotechnology, students will study inheritance, and how information is stored, transmitted and expressed. Lab work including dissections and microscopy will be components of this course. Biology 30 is often a prerequisite course for many health related post-secondary programs.

**Chemistry 30****Credit: 1.0**

Pre-requisite: Physical Science 20  
Students begin the course with a study in chemical bonds and chemical properties based on bonding. They also investigate materials suitable for use in specific household and industrial applications. The next part of the course focuses on the nature of equilibrium in chemical reactions including solution chemistry and acid-base reactions. Finally, in the study of electrochemistry, students will explore oxidation-reduction reactions and the impact of electrochemistry on society and the environment.

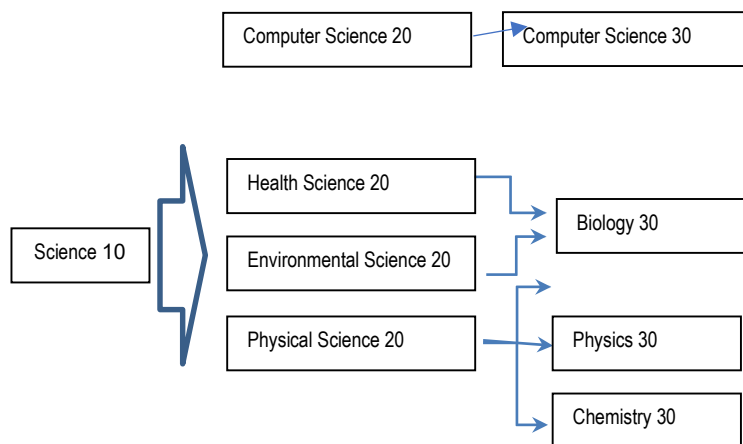
**Physics 30****Credit: 1.0**

Pre-requisite: Physical Science 20  
Physics 30 is intended to further students' understanding and application of fundamental physics concepts and skills. The focus of the course is on understanding the physics principles behind the natural events that students experience and the technology that they use in their daily lives. Kinematics, Dynamics, Momentum, Collision, Electricity Modern Physics and Nuclear Physics are topics included in this course.

**SENIOR SCIENCE PROGRAM**

Each course in a pathway is a pre-requisite to the subsequent course in that pathway. Students may take

courses in another pathway but must have the pre-requisite course. The graduation requirement will be a level 20 course.

**F. SOCIAL SCIENCES****Native Studies 10****Credit: 1.0**

Pre-requisite: None

The aim of Native Studies 10 is to help all students develop their knowledge, positive attitudes and cultural understanding about First Nations, Métis and Inuit peoples. The unique history of Aboriginal peoples is part of our collective past and present reality. Thus, students will benefit from a study of Aboriginal peoples because it will give them the opportunity to understand and respect one another. We cover these topics through a variety of methods such as group projects, class discussion and notes, individual assignments and research among others.

**Native Studies 20****Credit: 1.0**

Pre-requisite: None

Native Studies 20 is an examination of contemporary issues of concern to Indigenous peoples around the world. Students will gain an understanding of the historical bases of current issues of concern to Indigenous peoples; become aware of and increase their understanding of philosophies which are the foundations of Indigenous cultures; and develop a personal sense of social commitment through the creation and implementation of action plans for social change. We cover these topics through a variety of methods such as

case studies, group projects, class discussion and notes, individual assignments and research among others.

**Native Studies 30** **Credit: 1.0**

Pre-requisite: None

The aim of Native Studies 30 is to develop personal awareness and cultural understanding, and to promote the development of positive attitudes in all students towards Indigenous peoples. This is a course that examines contemporary Canadian Indigenous issues. Five major units: Aboriginal and Treaty Rights, Governance, Land Claims and Treaty Land Entitlements, Economic Development, and Social Development, trace the historical basis to gain insights into current issues that face Indigenous peoples in Canada.

**History 10** **Credit: 1.0**

Pre-requisite: None

This course deals with the political/economic/social decision making and changes that have, over the last 300 years created the world we currently inhabit. In understanding what has brought our society to this point, we can consider the implications for the future. Explored are the political changes wrought by the French Revolution, the social & environmental changes wrought by the Industrial Revolution, and the effects of Imperialism upon our world, upon Canada. Understanding what has brought us to this point can better prepare us for creating positive change for our futures.

**History 20** **Credit: 1.0**

Pre-requisite: None

The goal of this course is to help students understand the major issues and events humanity faced during the 20th century. This includes World War I, the Great Depression, Rise of Totalitarian Regimes, World War II and numerous events during the Cold War.

**History 30** **Credit: 1.0**

Pre-requisite: None

Canadian Studies is a course where we will explore the history of Canada. We will explore different stages in Canada's development through our 4 units of study. We cover these topics through a variety of methods such as group projects, class discussion and notes, individual assignments and research among

others. Through the course you will develop a greater appreciation for the people that came before you and an increased understanding of our great nation both historically and in the present day.

**Psychology 20** **Credit: 1.0**

Pre-requisite: None

Psychology 20 is the study of History and approaches to psychology, Research methods, Biological bases of behavior, Sensation and perception, States of consciousness, Learning, Cognition, Motivation and emotion and Developmental psychology.

**Psychology 30** **Credit: 1.0**

Pre-requisite: None

This course studies: Personality, Testing and individual differences, Abnormal behavior, Treatment of abnormal behavior, Social psychology, and Adulthood.

**Law 30** **Credit: 1.0**

Pre-requisite: None

Law 30 is designed to assist students to become active, informed and productive citizens who understand their legal rights and responsibilities. The course takes a look at several topics including the Foundations of the Canadian Legal System, Criminal Law, Forensics, Civil Law and others. Throughout this course, students will develop an understanding of how law reflects, and is shaped by society's values and attitudes regarding social and human relationships.

**G. PRACTICAL & APPLIED ARTS**

**Career & Work Exploration 10** **Credit: 1.0**

Pre-requisite: None

Career and Work Exploration is a 100-hour course which consists of approximately 30 hours in class and 60 hours in a work placement. During the class portion of the course students partake in various activities including assignments and discussion. These activities help aid in choosing a career pathway and prepare the student for the work study portion of the course.

**Career & Work Exploration 20** **Credit: 1.0**

Pre-requisite: None

Same as Career & Work Exploration A 10.

<b>Career &amp; Work Exploration A 30</b>	<b>Credit: 1.0</b>
Pre-requisite: None	
Same as Career & Work Exploration 10.	
<b>Career &amp; Work Exploration B 30</b>	<b>Credit: 1.0</b>
Pre-requisite: None	
Same as Career & Work Exploration 10.	
<b>PAA Computers 10</b>	<b>Credit 1.0</b>
Pre-requisite: None	
PAA Computers 10 is designed as an introductory course to all things computers. PAA Computers 10 introduces students to the different aspects of a computer, from the hardware of a computer, to the software. This course also allows students to explore a variety of the Practical and Applied Art classes that utilize the computer. Things like the utilization of the Office Suite, to video production, to computer aided drafting. This a generalized course, for in-depth learning of the different areas, students are suggested to take the different courses that utilize the programs.	
<b>PAA Mechanics 20</b>	<b>Credit 1.0</b>
Pre-requisite: None	
Shop oriented approach to valid practical experience with automotive engines. Areas studied include safety, engine design, disassembly, assembly, cleaning and inspection. Evaluation is based on theory, shop work and class work.	
<b>Robotics 10</b>	<b>Credit 1.0</b>
Pre-requisite: None	
Robotics 10 introduces students to the fascinating world of automation. Students will begin to look at where robotics and automation exist in the real world, as well begin to develop their own automation projects. Along with automation students will be introduced to robotic drones, with the use of Virtual Reality.	
<b>Robotics 20</b>	<b>Credit 1.0</b>
Pre-requisite: Robotics 10	
Robotics 20 is a continuation of Robotics 10, getting students to go further with different automation projects. Students will also be given the chance to learn to operate robotic drones and then possibly control them in a very safe and controlled environment.	

<b>Construction &amp; Carpentry 10</b>	<b>Credit 1.0</b>
Pre-requisite: None	
Students learn how to safely use stationary and portable power tools in order to complete individual projects. Equipment: Table saw, band saw, miter saw, drill press, belt sanders, disk sanders, and planers.	
<b>Construction &amp; Carpentry 20</b>	<b>Credit 1.0</b>
Pre-requisite: Construction 10	
Students advance their skills from what they learned in Construction 10 to create a major wood project. Additional equipment: Lathe, router, and jointer.	
<b>Construction &amp; Carpentry 30</b>	<b>Credit 1.0</b>
Pre-Requisite: Construction 20	
Students advance their skills from what they learned in Construction 20 to create a major wood project.	
<b>Food Studies 10</b>	<b>Credit 1.0</b>
Pre-requisite: None	
Food Studies 10 is designed to teach about foods and nutrition by providing information in making the right food choices. There is a lot of emphasis placed on safety, basic cooking terminology and techniques, as well as working in a team setting. The skills learned will help to increase student resourcefulness and self-reliance in the kitchen and help them to discover independence.	
<b>Food Studies 30</b>	<b>Credit 1.0</b>
Pre-requisite: None	
Food Studies is designed to discover food “beyond the food guide” and to promote healthy alternatives to some of our favourite foods. Students learn independence on making food choices that fit their lifestyles as well as explore meals from other countries. There is flexibility in learning and working in a team setting as well as independently. It also provides an opportunity to build a recipe portfolio that is encouraged to be used beyond the classroom.	
<b>Drafting/CAD 10</b>	<b>Credit 1.0</b>
Pre-requisite: None	
Drafting/CAD is a computer drafting program that automates the process of producing precision drawings for engineers, architects and draftsmen. It replaces the traditional board, pencil, pen, triangle and T-square used in drafting.	
<b>Drafting/CAD 20</b>	<b>Credit 1.0</b>
Pre-requisite: Drafting/CAD 10	
Drafting/CAD is a computer drafting program that automates the process of producing precision drawings	

for engineers, architects and draftsmen. It replaces the traditional board, pencil, pen, triangle and T-square used in drafting.

**Drafting/CAD 30** **Credit 1.0**

Pre-requisite: Drafting/CAD 20

Drafting/CAD is a computer drafting program that automates the process of producing precision drawings for engineers, architects and draftsmen. It replaces the traditional board, pencil, pen, triangle and T-square used in drafting.

**Cosmetology 10** **Credit 1.0**

Pre-requisite: None

An introduction to the theory and practice of different branches of cosmetology. The course will include units on salon safety, an introduction to the salon, shampooing, hair styling, skin care, nail care, make-up application, and career opportunities in the field. A mix of written and hands on work.

**Cosmetology 20** **Credit 1.0**

Pre-requisite: Cosmetology 10

This course takes a deeper look into shampoo, hair styling, skin care, nail care and make-up application. New areas will also be explored in hair treatments and other areas of possible study include hair removal, pedicures, and introduction to chemical services.

**Cosmetology 30** **Credit 1.0**

Pre-requisite: Cosmetology 20

This course is a review of skin care and nail care with an introduction to scalp care, hair cutting, and salon management. Other areas of possible study are men's facial hair, and chemical hair services.

**Welding 10** **Credit 1.0**

Pre-requisite: None

Introduction to the welding industry. The students will learn the basics of welding safety, oxyacetylene welding and arc welding. This class is designed for the student who is interested in welding as a career choice. This is a dual credit course whereby the student will receive a credit for school and the hours will be recognized towards their apprenticeship. Students will learn how to weld the various weld joints used in industry. Projects will not be built in this class as in Industrial Arts. Students will spend this class perfecting their welding skills.

**Welding 20** **Credit 1.0**

Pre-requisite: Welding 10

An introduction to Mig and Tig welding.

**Welding 30 A** **Credit 1.0**

Pre-requisite: Welding 20  
A continuation of Welding 20.

**Welding 30 B** **Credit 1.0**

Pre-requisite: Welding 30 A  
A continuation of Welding 30A.

**Interior Design and Decorating 30** **Credit 1.0**

Pre-requisite: None

Are you a creative individual with an eye for design? If so, this course will show you how to transform basic living spaces into beautiful and functional rooms. A focus on how to apply the 5 R's (Reuse, Reduce, Recycle, Repurpose, and Revalue). We will create functional sewn items to include in this course (ex: quilt, upcycled projects...). Extra materials may need to be purchased.

**H. French Immersion**

**French Immersion Language Arts 10** **Credit 1.0**

Pre-requisite: None

French immersion language arts aim to develop the ability to understand and use the French language as a communication tool and as a vehicle for thought. Français immersion 10 is divided into 5 domains: French language and culture, oral comprehension, written comprehension, oral production and written production. The broad themes (Roots and identity, Power and Responsibility and Challenges and Hope) provide a framework for learning and allow the exploration of ideas of lasting value beyond the school experience.

**Histoire 10 (History)** **Credit 1.0**

Pre-requisite: None

This course deals with the political/economic/social decision making and changes that have, over the last 300 years created the world we currently inhabit. In understanding what has brought our society to this point, we can consider the implications for the future. Explored are the political changes wreaked by the French Revolution, the social & environmental changes wrought by the Industrial Revolution, and the effects of Imperialism upon our world, upon Canada. Understanding what has brought us to this point can better prepare us for creating positive change for our futures.

**Alimentation 10 (Foods)****Credit 1.0**

Pre-requisite: None

Food Studies 10 is designed to teach about foods and nutrition by providing information in making the right food choices. There is a lot of emphasis placed on safety, basic cooking terminology and techniques, as well as working in a team setting. The skills learned will help to increase student resourcefulness and self-reliance in the kitchen and help them to discover independence.

**Arts Visuels 10/20/30 (Visual Art)****Credit 1.0**

Pre-requisite: None

This course enables students to further develop their knowledge and skills in visual art. Any student can “create” as long as they are provided with the appropriate skills, techniques and rules. Topics include Art History, Art Appreciation, Art Criticism, and Art Process. A variety of mediums will be utilized: pencil, charcoal, scratchboard, paint and paper.

**Art Dramatique 10/20/30 (Drama)****Credit 1.0**

Pre-requisite: None

Through performance projects, Drama 10 allows students to explore speech/voice, improvisation, various theatre genres, styles and performance practices.

**French Immersion Language Arts 20****Credit 1.0**

Pre-requisite: French Immersion Language Arts 10

French immersion language arts aim to develop the ability to understand and use the French language as a communication tool and as a vehicle for thought. Français immersion 20 is divided into 5 domains: French language and culture, oral comprehension, written comprehension, oral production and written production. The major recommended ideas (Global Francophone Identity, Power and Change and Conflict and resolution) and the suggested compelling questions offer avenues for exploration.

**Histoire 20 (History)****Credit 1.0**

Pre-requisite: None

The goal of this course is to help students understand the major issues and events humanity faced during the 20th century. This includes World War I, the Great Depression, Rise of Totalitarian Regimes, World War II and numerous events during the Cold War.

**French Immersion Integre 20****Credit 1.0**

Pre-requisite: French Immersion 10

Français immersion intégré 20 is a French Language Arts elective that explores the French language through various topics that are not often seen in a traditional French Language Arts class. In the A20 we have units on Francophone Cinema and Sociology. During the Cinema unit we explore the history of cinema, the technical elements that go into movie creation, as well as Francophone culture. In the Sociology unit we look at what sociology is, what kinds of jobs are available in the field, and what goes into a sociological research project.

**Psychologie 20 (Psychology)****Credit 1.0**

Pre-requisite: None

Psychology 20 is the study of History and approaches to psychology, Research methods, Biological bases of behavior, Sensation and perception, States of consciousness, Learning, Cognition, Motivation and emotion and Developmental psychology.

**French Immersion Language Arts 30****Credit 1.0**

Pre-requisite: French Immersion Language Arts 20

French immersion language arts aim to develop the ability to understand and use the French language as a communication tool and as a vehicle for thought. Français immersion 30 is divided into 5 domains: French language and culture, oral comprehension, written comprehension, oral production and written production. The main recommended ideas (My linguistic identity, What is my place in the World, and My challenges and hopes for the future) and the captivating questions suggested offer avenues for exploration.

**Alimentation 30 (Foods)****Credit 1.0**

Pre-requisite: None

Food Studies is designed to discover food “beyond the food guide” and to promote healthy alternatives to some of our favourite foods. Students learn independence on making food choices that fit their lifestyles as well as explore meals from other countries. There is flexibility in learning and working in a team setting as well as independently. It also provides an opportunity to build a recipe portfolio that is encouraged to be used beyond the classroom.

**Droit 30 (Law)****Credit 1.0**

Pre-requisite: None

Law 30 is designed to assist students to become active, informed and productive citizens who understand their legal rights and responsibilities. The course takes a look at several topics including the Foundations of the Canadian Legal System, Criminal Law, Forensics, Civil Law and others. Throughout this course, students will develop an understanding of how law reflects, and is shaped by society's values and attitudes regarding social and human relationships.

**Sciences Sociales 30 (Social Studies)****Credit 1.0**

Pre-requisite: None

This course is designed to help students understand the important issues facing Canadians at the turn of the 21st century. Students will explore the change in Canadian society throughout the country's history, the relationship between the country and its people, the relationships between various cultures, power and government in Canadian society, and Canada's relations with the world.

**I. Electives****Cree 10****Credit 1.0**

Pre-requisite: None

The Cree 10 course is an introduction to students who have little or no experience with the Cree language. The structure of the Plains Cree language is taught through themes of the Cree culture. Units include: dialects, sound system, gender, plurals, diminutives, nouns, verbs, locations, dialogues, clothing, seasons, days of the week, colors, numbers, etc.

**Cree 20****Credit 1.0**

Pre-requisite: Cree 10

The Cree 20 course continues to introduce students with little or no experience to the Cree language. The structure of the Plains Cree language is taught through themes of the Cree culture. Units include: dialects, sound system, gender, plurals, diminutives, nouns, verbs, locations, dialogues, clothing, seasons, days of the week, colors, numbers, etc.

**Forensic Studies 20****Credit 1.0**

Pre-requisite: None

Students will examine how crime scenes are handled and how evidence is collected and analyzed. The course deals with mature content. Units of study include evidence and fingerprint analysis, trace evidence, criminal profiling, arson, policing and canine units, and forensic ballistics.

**Mental Wellness 30****Credit 1.0**

Pre-requisite: None

Students will learn different aspects of mental health challenges, mental illness, as well as, create a personalized mental wellness plan. This course should be taken by students who wish to understand their own mental health and wellness, and by those who wish to better understand others around them.

**Financial Literacy 30****Credit 1.0**

Pre-requisite: None

Students will eventually enter a world where possessing an understanding of financial matters will become necessary for individuals. Financial literacy introduces students to the basic financial fundamentals that will help them navigate their futures. Financial literacy has a variety of different topics that may be covered. Topics such as wages vs salaries, how wages are calculated, spending habits, decision making, and credit.

**Special Project Credit****Credit 1.0**

Pre-requisite: Permission from Admin or Guidance

Students can earn up to 3 Special Subject credits. Each credit must be approved by the principal prior to beginning the program and is 100 hours in length.

## Other Programs

### ALTERNATIVE EDUCATION

#### Pre-Requisites

Primary consideration is evident frustration and failure of a student in the regular school program.

The student must be 15 years of age or over. He/she must have teacher nomination and in-school administrators' support for the nomination.

An interview with the student and parents is conducted to ensure that parents know exactly what the Alternate Education program is, and to decide if it is appropriate for their child.

The student would most likely have to come from a junior life skills program.

#### Contribution to Graduation Requirements:

Students will complete the program when they have earned a minimum of 24 credits.

These students will enter the world of work. It should be noted that several of the graduates have been employed by their work experience placement employers.

## Diploma Requirements

The Department of Education in Saskatchewan requires that students registered in Grades 10, 11 and 12 complete a minimum of 24 credits to qualify for a high school diploma.

This means students register for at least 8 classes per year. All students are, however, encouraged to take 10 classes per year, or 5 classes per semester. A minimum of 4 classes per semester is required.

Please note that meeting minimum graduation requirements does not necessarily satisfy entrance requirements for most post-secondary institutions. We encourage students coming into Grade 10 to register for the compulsory minimum of two Fine Arts, Practical/Applied Arts and/or Health or Physical Education.

Compulsory subjects are as follows:

English .....	Grade 10 .....	2 Credits
	Grade 11 .....	1 Credit
	Grade 12 .....	2 Credits
Social Science ...	Grade 10 .....	1 Credit
	Grade 11 or 12 .....	1 Credit
	Grade 12 .....	1 Credit
Mathematics ....	Grade 10 .....	1 Credit
	Grade 11 .....	1 Credit
Science .....	Grade 10 .....	1 Credit
	Grade 11 .....	1 Credit
Physical Education .....		1 Credit or Wellness
Fine Arts, Practical/Applied Arts .....		2 Credits
Students Choice .....		9 Credits
Total	24 Credits	

Most students at Carpenter graduate with at least 27 credits.