

2026-2027



REGINA PUBLIC SCHOOLS

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École Thom Collegiate

Course Catalogue

Welcome to Trojan Territory!



265 Argyle Street North
Regina, Saskatchewan S4R 4C7
Phone (306) 523-3600 Fax (306) 523-3031
thomcollegiate@rbe.sk.ca
<http://thomcollegiate.rbe.sk.ca>



A Safe and Caring Place for All to Learn!
Un lieu bienveillant en sécurité pour tous à apprendre!





Enriched Courses:

Enriched courses offer a rigorous program driven by committed students and educators. They move more quickly and explore analysis, synthesis and evaluation in greater depth while achieving the same learning outcomes as regular courses. These courses support enthusiastic, academically prepared students and provide a pathway to Grade 12 Advanced Placement (AP) classes and post-secondary level study.

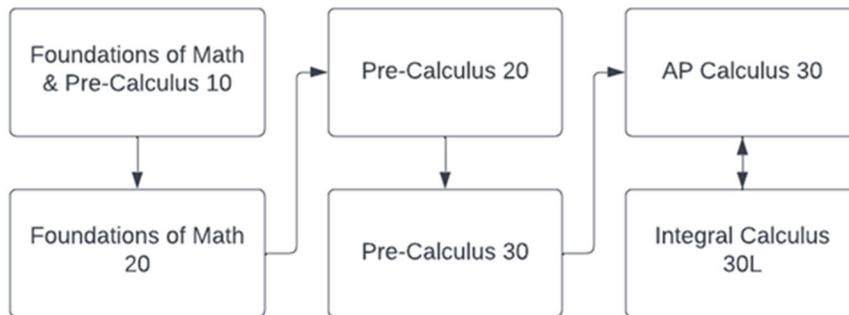


Advanced Placement (AP)

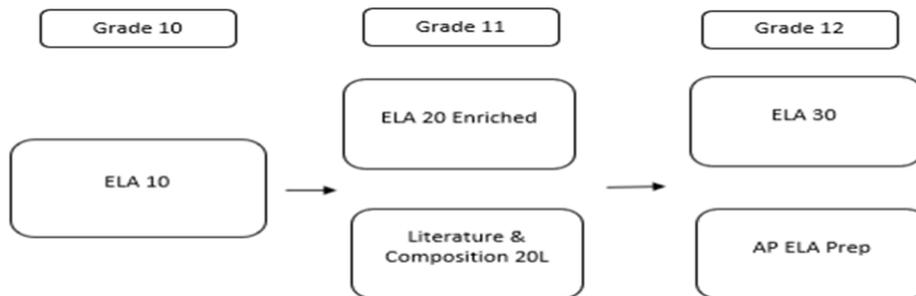
is an internationally and nationally recognized enrichment opportunity. AP is open to all students and is offered in all Regina Public Schools high schools. Students that enroll in one or more AP courses study Saskatchewan Ministry of Education curriculum supplemented with post-secondary learning outcomes.



AP Math Pathway



AP English Pathway





We are sincerely pleased to welcome all Grade 9 students to Thom Collegiate, and we make every attempt to ensure the transition from elementary to high school goes as smoothly as possible. Grade 9 students are encouraged to focus on academic achievement and to become involved in a variety of activities.

Grade 9 students maintain a full timetable.

All students in Grade 9 take the following courses:

- English – every day all year
- Mathematics – everyday all year
- Social Studies – 1 semester
- Science – 1 semester
- Health – 1 semester
- Physical Education – 1 semester

And choose 2 of the following 3 courses:

- Core French 9
- Fine Arts 9 (Visual Art, Drama, Music)
- Practical & Applied Arts 9 (Auto, Cooking, Sewing, Construction)

Grade 9 students also have the option of participating in Choral or Band classes at noon or early AM.



Grade 9 Course Descriptions

English Language Arts 9

The K-12 aim of the Saskatchewan English language arts curricula is to help students understand and appreciate language, and to use it confidently and competently in a variety of situations for learning, communication, work, life, and personal satisfaction. The K-12 areas of the Saskatchewan English language arts curricula are:

- ◆ **Comprehend and Respond (CR):** Students will extend their abilities to view, listen to, read, comprehend, and respond to a variety of contemporary and traditional grade-level appropriate texts in a variety of forms (oral, print, and other texts) from First Nations, Métis, and other cultures for a variety of purposes including for learning, interest, and enjoyment.
- ◆ **Compose and Create (CC):** Students will extend their abilities to speak, write, and use other forms of representation to explore and present thoughts, feelings, and experiences in a variety of forms for a variety of purposes and audiences.
- ◆ **Assess and Reflect (AR):** Students will extend their abilities to assess their own language skills; discuss the skills of effective viewers, listeners, readers, presenters, speakers, and writers; and set goals for future improvement.

The literature used in English Language Arts classes spans novels, plays, poetry, short stories, non-fiction texts, and informational texts.

Health and Physical Education 9

Students participate in this class all year, alternating between physical education and health/career. This is a required course.

Mathematics 9

Mathematics 9 is a 200 hour course with the emphasis on helping students to understand concepts rather than manipulate symbols. Problem solving is the central focus of the course with the intent of having meaningful, relevant, real-world problems that students are able to solve. The major topics taught are: numbers and operations, geometry and measurement, data management and algebra.

Science 9

The emphasis of this class on scientific investigation and the scientific method. This is integrated into such topics as electricity, reproduction and human development, chemical properties and changes, and exploring our universe. Class evaluation includes labs, tests and quizzes, class work and a comprehensive final exam. Science 9 is a required course.

Social Studies 9

The Grade 9 Social Studies course focuses on the many ways in which ancient cultures have influenced and contributed to the way of life in Canadian society. The students will explore two major traditions that have had a major impact on the development of Canadian identity. The first of these includes traditions that developed in the Ancient Middle East and came down to us through our European roots. The second includes the cultural traditions that developed over thousands of years in North America.



Core French 9

The Core French program uses a theme-based communicative, experimental approach to develop the four language skills: listening speaking reading and writing. The themes for the units are derived from common experiences or areas of interest. Possible themes for Grade 9 could include fashion and clothing, advertising, inventions, and self. At the end of each unit, the students complete a project that involves the communications skills and the grammatical structure.

Fine Arts 9 – Visual Art, Drama, and Music

This course is divided into thirds. Students work through the rotation over the course of the semester.

Visual Art - A survey course in drawing, painting, pottery, sculpture, cartooning & graphics.

Drama - This is an introductory course designed to provide you with an understanding and an appreciation of drama. The dramatic process will be explored keeping in mind that the personal comfort level in communication arts and performance varies greatly from student to student. Students will be evaluated on daily participation.

Music – A survey course in which students will learn about music notation, the basic elements of music and will refine their listening skills.

PAA—Practical and Applied Arts 9 (Cooking, Sewing, Construction)

This course consists of 4 rotations.

Construction– Introduction to the industry of cabinet making and carpentry. The course includes shop safety and the construction of a project using hand tools, power equipment, gluing and clamping techniques, and finishing applications.

Cooking– This course is an introduction to nutrition and food preparation. Units include food safety, teen nutrition, menu planning, food preparation labs and use of equipment.

Sewing– This class serves as an introduction to sewing. Students will become familiar with equipment and terminology, learn about measurements, patterns and basic hand and machine sewing skills. A simple sewing project will be completed.



Grade 9 Course Descriptions

MUSIC OPPORTUNITIES

Band 9

This class is performance oriented. Through performance, the students will learn to value and critically respond to music of different styles, cultures and time periods. The band meets two to three times each week during noon hour to rehearse. The band performs in at least two concerts, which form part of the evaluation. Students will be tested on their ability to play the chosen pieces, to play scales and to sight-read.

Choral 9

This class is performance oriented. Through performance, the students will learn to work together as a group to achieve a musical result. They will experience music of different styles, time periods and languages. The Choir meets two to three times each week during noon hour to rehearse. The Choir performs in at least two concerts, which form part of the evaluation. Students will be tested on their ability to sing their parts in the chosen pieces and on music theory.

Jazz Band 9

Students must be registered in Noon Band to participate in Jazz Band. Like Band, Jazz Band is a year-long group performance oriented class. The class meets Wednesdays and Fridays outside of the regular timetable (ie. mornings). There are three main concerts during the year (winter, spring, and a jazz show early in second semester) plus other performance opportunities as they arise. The class will focus on the jazz idiom, with considerable time spent on swing style. Evaluation will include playing tests, participation in rehearsals and performances, self-evaluation and written assignments.

Vocal Jazz 9

Students must be registered in Noon Choral to participate in Vocal Jazz. Like Choral, Vocal Jazz is a year-long group performance oriented class. The class meets Tuesdays and Thursdays outside of the regular timetable (ie. mornings). There are three main concerts during the year (winter, spring, and a jazz show early in second semester) plus other performance opportunities as they arise. The class will focus on the jazz idiom, with considerable time spent on swing style. Evaluation will include singing tests, participation in rehearsals and performances, self-evaluation and written assignments.

Grade 9 French Immersion



Required Subjects for Students in the French Immersion Program

The French Dept. at Thom Collegiate offers 6 courses in French at the gr. 9 level.

During grades 10-12, students must complete a minimum of 24 courses (compulsory courses and electives) to earn a high school diploma. In order to receive a bilingual mention on a high school diploma, students must successfully complete a minimum of 12 French Immersion courses.



Grade 9 French Immersion

English Language Arts 9 Immersion

ELA 9 Immersion is a one credit class and is similar to the ELA 9 English course. ELA 9 Immersion is a required course.

Français 9

This course is taught over two semesters and includes the units of le conte (short stories/fairy tales), a novel study and elements of the novel, cartoons, poetry, the writing workshop, and various grammatical structures. Students are developing French language skills, including oral and written communications skills.

Éducation Physique / Hygiène 9

Similar to English Physical Education/Health Students participate in this class all year, alternating between physical education and health/career with emphasis on use of French language. *This is a required course.*

Mathématiques 9

Similar to English Mathematics with emphasis on use of French language.

Sciences Sociales 9

This course is the French equivalent of Social Studies 9. It follows along with the same curriculum as the English program. Units covered include Time and Change, Causality, Culture and Technology as evidenced in the development of various civilizations.

Sciences 9 (Tronc)

The French Immersion science course follows the same curriculum as the English program. Units covered include Saskatchewan environment (emphasis on language and vocabulary), introduction to science (equipment, scientific notation and metric conversions, lab safety), introduction to chemistry, fluids and density and electricity. Class evaluation includes labs, tests and quizzes, class work and a comprehensive final exam.



Grade 9 French Immersion

Fine Arts 9 – Music, Visual Art, Drama Students work through the rotation over the course of the semester.

Music – A survey course in which students will learn about music notation, the basic elements of music and will refine their listening skills. Students will participate in group composition and performance.

Visual Art – A survey course in drawing, painting, pottery, sculpture, cartooning and graphics.

Drama—This is an introductory course designed to provide you with an understanding and an appreciation of drama. The dramatic process will be explored keeping in mind that the personal comfort level in communication arts and performance varies greatly from student to student. Students will be evaluated on daily participation.

Practical & Applied Arts (PAA) 9 This course consists of 3 rotations.

Cooking – This course is an introduction to nutrition and food preparation. Units include food safety, teen nutrition, menu planning, food preparation labs and use of equipment.

Sewing – This class serves as an introduction to sewing. Students will become familiar with equipment and terminology, learn about measurements, patterns and basic hand and machine sewing skills. A simple sewing project will be completed.

Construction – Introduction to the industry of cabinet making and carpentry. The course includes shop safety and the construction of a project using hand tools, power equipment, gluing and clamping techniques, and finishing applications.

Grade 9 French Immersion students also have the option of participating in Choral or Band classes at noon.



All Grade 10 students must register for a **minimum of 10 credits**.
Noon Band or Noon Choral cannot be used to satisfy this requirement.

Required/Specified Areas of Study:

English 10 **or** English 11 (Modified)

Financial Literacy 10

Math 10 Workplace and Apprenticeship Math
and / or Math 10: Foundations of Math and Pre Calculus
or Math 11 (modified)

Social Studies 10 **or** Indigenous Studies 10 **or** Social Studies 11 (modified)

Science 10 **or** Science 11 (modified)

Wellness 10

Arts Education:

It is recommended that students choose at least one credit from:

Band 10 (Noon)	Instrumental Jazz 10 (Early morning)
Choral 10 (Noon)	Visual Art 10
Drama 10	Vocal Jazz 10 (Early morning)
Guitar 10	Theatre Arts / Arts Education (PAA B10 and Arts Ed 10)
Music 10 (Rock Band)	

Practical and Applied Arts:

It is recommended that students choose at least one credit from:

Accounting 10	Information Processing 10
Clothing, Textiles and Fashion 10	Mechanical and Automotive 10
Commercial Cooking 10	Mental Health & Addictions 10
Construction and Carpentry 10	Photography 10
Cultural Arts 10	Robotics & Automation 10

Additional Classes:

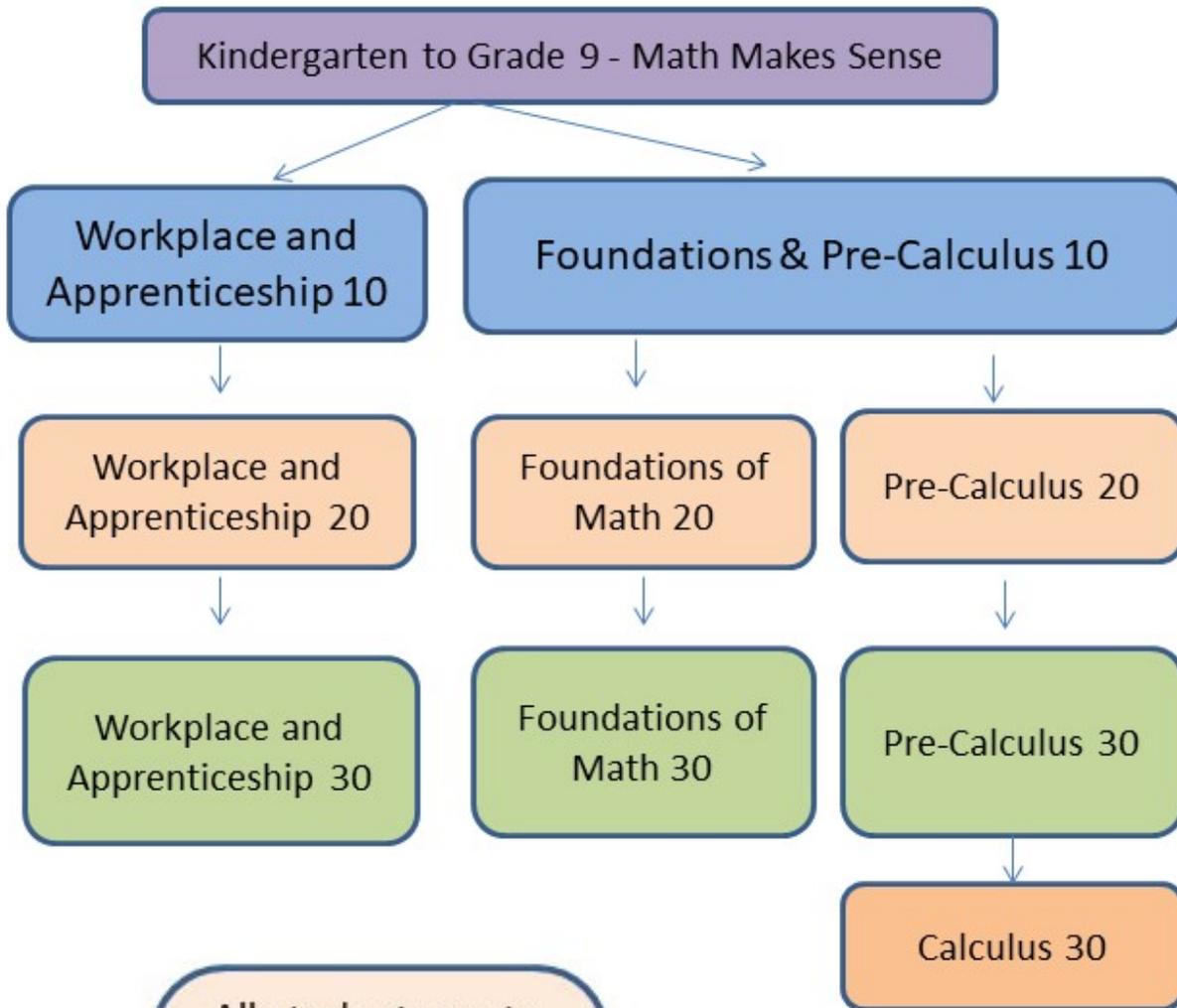
Core French 10

The student must successfully complete 8 credits, including all compulsories, in order to complete the Grade 10 program.

*Ministry of Education requires a minimum of 24 credits for graduation,
 at least five of which must be 30 level credits.*



MATH PATHWAYS



All students are to consult with their Math teacher and /or guidance counsellor on the appropriate pathway for them



Grade Ten—Course Descriptions

ARTS EDUCATION

ART

Visual Art 10 (1 Credit)

This course develops techniques in the areas of drawing, painting, sculpture, graphic arts and cartooning. There is also an introduction to the history of art and Saskatchewan visual artists. Creative and critical thinking skills are developed. The accumulation of marks is based on completed classroom projects. Marks are given for skill in technique and creativity of design. Students are also assessed on their understanding of art history and Saskatchewan visual artists. Marks based on attitude include qualities such as work ethic, participation, punctuality, attendance.

DRAMA

Drama 10 (1 Credit)

This is an introductory course. In this class, students will be introduced to the basics of drama, including storytelling, movement and mime, basic characterization, voice work, script work, and improvisation. No previous drama experience is required, but regular attendance is critical for success in Drama 10.

Theatre Arts / Arts Education (2 credits): This is an interdisciplinary, team-taught, performance-oriented course. Students will be involved in all aspects of a major theatrical production including acting, singing, dancing and behind the scenes work. In addition, students will be involved in group projects as well as have the opportunity to attend productions and work with local performers. There is a materials fee with this class.

MUSIC

Band 10 (1 Credit) (At Noon)

This class is performance oriented. Through performance, the students will learn to value and critically respond to music of different styles, cultures and time periods. The band meets two to three times each week during noon hour to rehearse. The band performs in at least two concerts, which form part of the evaluation. Students will be tested on their ability to play the chosen pieces, to play scales and to sight-read.

Choral 10 (1 Credit) (At Noon)

This class is performance oriented. Through performance, the students will learn to work together as a group to achieve a musical result. They will experience music of different styles, time periods and languages. The Choir meets two to three times each week during noon hour to rehearse. The Choir performs in at least two concerts, which form part of the evaluation. Students will be tested on their ability to sing their parts in the chosen pieces and on music theory.

Guitar 10 (1 Credit)

This is a non-performance oriented class for students who want to learn guitar as well as students with pre-existing skills on guitar. The objective is to develop a student's musicianship and value of music through the medium of guitar. The focus is on developing technique, theory, ensemble playing and listening skills. Written and playing tests are part of the evaluation.



Grade Ten—Course Descriptions

Instrumental Jazz Band 10

Students must be registered in Noon Band to participate in Jazz Band. Like band, Jazz Band is a year-long group performance oriented class. The class meets every Wednesday and Friday outside of the regular timetable (ie. mornings). There are three main concerts during the year (winter, spring, and a jazz show early in second semester) plus other performance opportunities as they arise. The class will focus on the jazz idiom, with considerable time spent on swing style. Evaluation will include playing tests, participation in rehearsals and performances, self-evaluation and written assignments.

Music 10 - Rock Band 10 (1 Credit)

Do you play Guitar, Bass, Drums, Keyboards, or Sing? Then Music 10/20/30 Rock Band is the elective for you! We will be putting together 3 rock bands each semester in period 4. See Mr. Houston in room 113 for further details.

Vocal Jazz 10

Students must be registered in Noon Choral to participate in Vocal Jazz. Like Choral, Vocal Jazz is a year-long group performance oriented class. The class meets every Tuesday and Thursday outside of the regular timetable (ie. mornings). There are three main concerts during the year (winter, spring, and a jazz show early in second semester) plus other performance opportunities as they arise. The class will focus on the jazz idiom, with considerable time spent on swing style. Evaluation will include singing tests, participation in rehearsals and performances, self-evaluation and written assignments.

ENGLISH LANGUAGE ARTS

English Language Arts 10/11 (1 Credit) Prerequisite: ELA 9

The Challenges of Life: Explaining the World through our Foundational Stories; Destiny and Challenges of Life; Human Existence; Decisions. The Mysteries of Life: The Joys of Mind, Body, and Spirit; Mysteries of the Human Brain and Imagination; Mysteries of this World and Beyond; The Fantastic

MATHEMATICS

Foundations and Pre-Calculus 10 (1 Credit) Prerequisite: Math 9

This pathway is designed to provide students with mathematical understanding and critical thinking skills identified for entry into post-secondary programs. Topics include measurement, algebra (relations and functions, trig ratios, irrational numbers, rational exponents, factoring, polynomials, slope of lines, systems of linear equations), relating data and graphs.

Mathematics 11 (1 Credit) (Modified)

Math 11 is a modified course designed for students who struggle with math. Students should receive a recommendation from their math teacher in order to register for Math 11. This course includes many of the same topics as Math 10 but in less depth.

Workplace and Apprenticeship 10 (1 Credit) Prerequisite: Math 9

This pathway is designed to provide students with the mathematical understanding and critical thinking skills identified for entry into the majority of trades and for direct entry into the work force. Topics include algebra, geometry, measurement, number, methods of income earning.



Grade Ten—Course Descriptions

PRACTICAL AND APPLIED ARTS

Accounting 10 (1 Credit)

Accounting 10 introduces students to basic accounting concepts and the accounting cycle. They learn to record transactions, work with journals and ledgers and prepare simple financial statements, building practical skills used in business.

Clothing, Textiles & Fashion 10 (1 Credit)

Clothing, Textiles, and Fashion 10 introduces students to the role of clothing, textiles and fashion in daily life. The course provides opportunities for success through both theory and hands on school activities.

Commercial Cooking 10 (1 Credit)

This introductory course explores commercial food preparation. Students examine the industry and study pantry work, rice and pasta, soups and stocks, fruits and vegetables and baking. They will learn theory and take part in practical lab work.

Construction & Carpentry 10 (1 Credit)

This course provides an overview of wood and hand tools and the wood species used. It also covers the safe, proper use of stationary and portable power tools. Students study and build wood joinery, laminations, and basic cabinetmaking and furniture design.

Information Processing 10 (1 Credit)

Information processing teaches core skills in keyboarding, computer applications, communication and information management. Students focus on effective use of word processing and spreadsheets, learn basics of audio, video, and multimedia production, and are introduced to basic programming.

Mechanical & Automotive 10 (1 Credit)

This class covers safety, hand-tool procedures, small-engine rebuilding, vehicle operation and maintenance, brake systems and general workplace safety. Assessment is based on practical projects, in-class work, written assignments and a final. Exam.

Photography 10 (1 Credit)

Photography 10 introduces students to basics of digital photography including camera functions, lighting, composition and safe practices. They learn to capture images as a creative and communicative form.

Robotics & Automation 30 (1 Credit)

Students build foundational robotics skills through coding, electronics, circuits and components work before applying them to hands-on robotics projects.

SOCIAL SCIENCES

Indigenous Studies 10 (1 Credit)

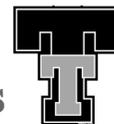
This course examines societal structures and practices of Indigenous peoples in Saskatchewan and Canada including traditional and contemporary aspects of family, political, economic, educational and social life.

Social Studies 10 (1 Credit)

This course helps students understand how industrialized democracies are organized. Topics include political decision-making and the social contract, ideology, economic systems & international relations.

Social Studies 11 (1 Credit) (Modified)

This modified course is for students who struggle with social studies and requires a recommendation from a teacher or the guidance office. It covers many of the same topics as Social Studies 10 but in less depth.



SCIENCE

Science 10 (1 Credit)

This course addresses three major themes: Climate and Ecosystem Dynamics, Chemical Reactions and Force and Motion in Our World. In the first theme, students examine factors that influence Earth's climate and ecosystems, the role of feedback mechanisms within those systems and the interdependence between climate and ecosystems. Chemical Reactions builds on student understanding of atoms and elements by examining the ways in which chemicals react to form new substances and how to represent chemical reactions using models, words and equations. The third theme enables students to collect and analyze data from a variety of moving objects and to examine the role of force in causing changes to the motion of an object.

Science 11 (1 Credit) (Modified)

This class is a modified course designed for students who struggle with science. Students should receive a recommendation from their science teacher or the guidance office in order to register for Science 11. This course will include many of the same topics as Science 10 but in less depth.

FINANCIAL LITERACY

Financial Literacy 10 (1 Credit)

Teaches students essential money-management skills, including income, taxes, budgeting, saving, investing, credit and protecting personal information. Students explore how personal values share financial decisions and connect financial planning to future education, careers and lifestyle goals

PHYSICAL EDUCATION

Wellness 10 (1 Credit)

This class blends health education with a variety of physical activities to support overall wellness. Students participate in sports and fitness activities like rugby, handball, broomball, dance, badminton, lacrosse, weight training and games while also learning about topics like healthy lifestyle, disease prevention and community sport involvement.

Mindful Movement (Holistic Wellness) 10 (1 Credit)

This class explores four dimensions of wellness, emphasizing self-awareness, self-care and personal fitness. Students set goals and create action plans while participating in alternative activities such as yoga, group fitness, dance, fitness centre training and non-traditional sports.

LANGUAGE

Core French 10 (1 Credit)

This course uses a theme based, communicative approach to develop listening, speaking, reading and writing skills. Units focus on familiar topics such as health, relationships and school.

ADDITIONAL CLASSES

Cultural Arts 10 (1 Credit)

This course introduces students to Indigenous Knowledge, language and ways of knowing. Through land-based learning, cultural teachings and guidance from Elder, students explore spirit, relationships, place, ceremony and language. The course builds cultural understandings, identity and respect for Indigenous worldview.

Mental Health and Addictions 10L

This class covers topics such as communication skills, self-esteem, the effects of trauma, healthy and unhealthy relationships, and addictions. Students who are self reflective, mature, and interested in the helping field or medical field should consider taking this class!



DUAL CREDIT CLASSES

Musical Theatre 10 (2 Credits)

This performance-focused class will have students take part in all aspects of producing a major musical. Students develop skills in acting, singing and dance, as well as behind the scenes roles such as staging, costumes and technical work. This two-credit, two period course runs in Semester 1 and offers opportunities to collaborate, perform and experience the full production process.

Wild Routes: Eco-Adventure, Sustainability and Stewardship(2 Credits)

Wild Routes combines Wildlife & Habitats 10 with Phys Ed 20 to create an outdoor, adventure based learning experience. Students learn outdoors through activities such as hiking, canoeing, camping, and wilderness navigation. The course explores wildlife, ecosystems, survival skills, climate and environmental stewardship while promoting personal fitness, leadership and holistic wellness through non-traditional physical activity. This two credit course runs for two periods of the day.



Grade Ten French Immersion

Required Subjects for Students in the French Immersion Program

The French Department at Thom Collegiate offers 7 courses in French Immersion at the grade 10 level: Français 10, Histoire 10, Sciences 10 (tronc), Millieu de travail et formation d'apprentis 10, Fondements des mathématiques et Precalc 10, Mieux-Être 10 and Littératie financière 10.

During grades 10-12, students must complete a minimum of 24 courses (compulsory courses and electives) to earn a high school diploma. In order to receive a bilingual mention on a high school diploma, students must successfully complete a minimum of 12 French Immersion courses.

Grade 10	Grade 11	Grade 12
Français 10	Français 20	Français 30
	Français Intégré 20A	Français Intégré 20B
English 10	English 20	English 30
Histoire 10	Histoire 20	
	Sciences Sociales Fransaskoises 20	Sciences Sociales 30
Sciences 10 (tronc)	a Science 20 (in English) Or Sciences de la santé 20	
Millieu de travail et formation d'apprentis 10 & Fondements des mathématiques et Precalc 10 (recommended to take both)	Fondements de Mathématiques 20	
Mieux-Être 10 (Wellness)		
Littératie financière 10		



Français 10 (1 Credit)

This course explores a variety of units including the newspaper, short stories, songs and poetry. Along with the study of a wide range of texts, written and spoken, literary and non-literary links to these units, a systematic presentation, development and review of appropriate grammatical structures and vocabulary, form an integral part of this course. It is an expectation that students speak in French in the classroom.

Histoire 10 (1 Credit)

This course focuses on the Middle Ages and the Renaissance, the Scientific Revolution, the French Revolution, Napoleon and the Industrial Revolution.

Mathématiques 10 (Grade 10 students are expected to take both pathways)

Milieu de travail et formation d'apprentis 10

This pathway is designed to provide students with the mathematical understanding and critical thinking skills identified for entry into the majority of trades and for direct entry into the work force. Topics include measurement, ratio and proportion, unit conversions, methods of income earning as well as some geometry and trigonometry.

Littératie financière 10 (1 Credit)

Teaches students essential money-management skills, including income, taxes, budgeting, saving, investing, credit and protecting personal information. Students explore how personal values share financial decisions and connect financial planning to future education, careers and lifestyle goals

Fondements des mathématiques et Pré-Calcul 10 (1 Credit)

This pathway is designed to provide students with mathematical understanding and critical thinking skills identified for entry into post-secondary programs. Topics include measurement, algebra, relations and functions, trig ratios, irrational numbers, rational exponents, factoring, polynomials, slope of lines, systems of linear equations, relating data and graphs.

Mieux-être 10 (1 Credit)

This course includes units on volleyball, weight lifting and healthy living, field hockey, lacrosse, social dance, wellness and sexual health, relaxation, badminton and shinny.

Sciences 10 (Tronc) (1 Credit)

This class explores the different areas of science. Units include chemistry, motion, sustainability and weather. Class evaluation includes labs, tests and quizzes, class work and a comprehensive final exam.



Grade Eleven—Course Syllabus

11

All Grade 11 students must register for a **minimum of 9 credits**.

Required/Specified Areas of Study:

English 20 **or** English 21 (modified) **or** English 20 **and** English Lit and Comp 20 (Enriched)

Choose at least ONE of the following Sciences

- Health Science 20 or Health Science 21 (modified)
- Environmental Science 20
- Physical Science 20
- Computer Science 20

Ministry of Education requires a minimum of 24 credits for graduation, at least five of which must be 30 level credits.

Math: (choose at least one)

- Workplace & Apprenticeship 20
- Foundations 20
- Pre-Calculus 20
- Mathematics 21 (Modified)

Combined Courses:

- Musical Theatre 20
- Wild Routes: Eco-Adventure, Sustainability & Stewardship

Social Sciences: (choose at least one)

- Social Studies 20 or Social Studies 21 (modified)
- Indigenous Studies 20
- Psychology 20

Practical and Applied Arts:

- Accounting 20
- Building Construction 20 (PAA A20)
- Clothing, Textiles and Fashion 20
- Commercial Cooking 20
- Construction and Carpentry 20
- Creative Writing 20
- Cultural Arts 20
- Financial Lit 20
- Graphic Arts 20
- Information Processing 20
- Leadership 20L
- Life Transitions 20
- Mechanics and Automotive 20
- Mental Health Studies 20
- Photography 20
- Robotics & Automation 20

Arts Education:

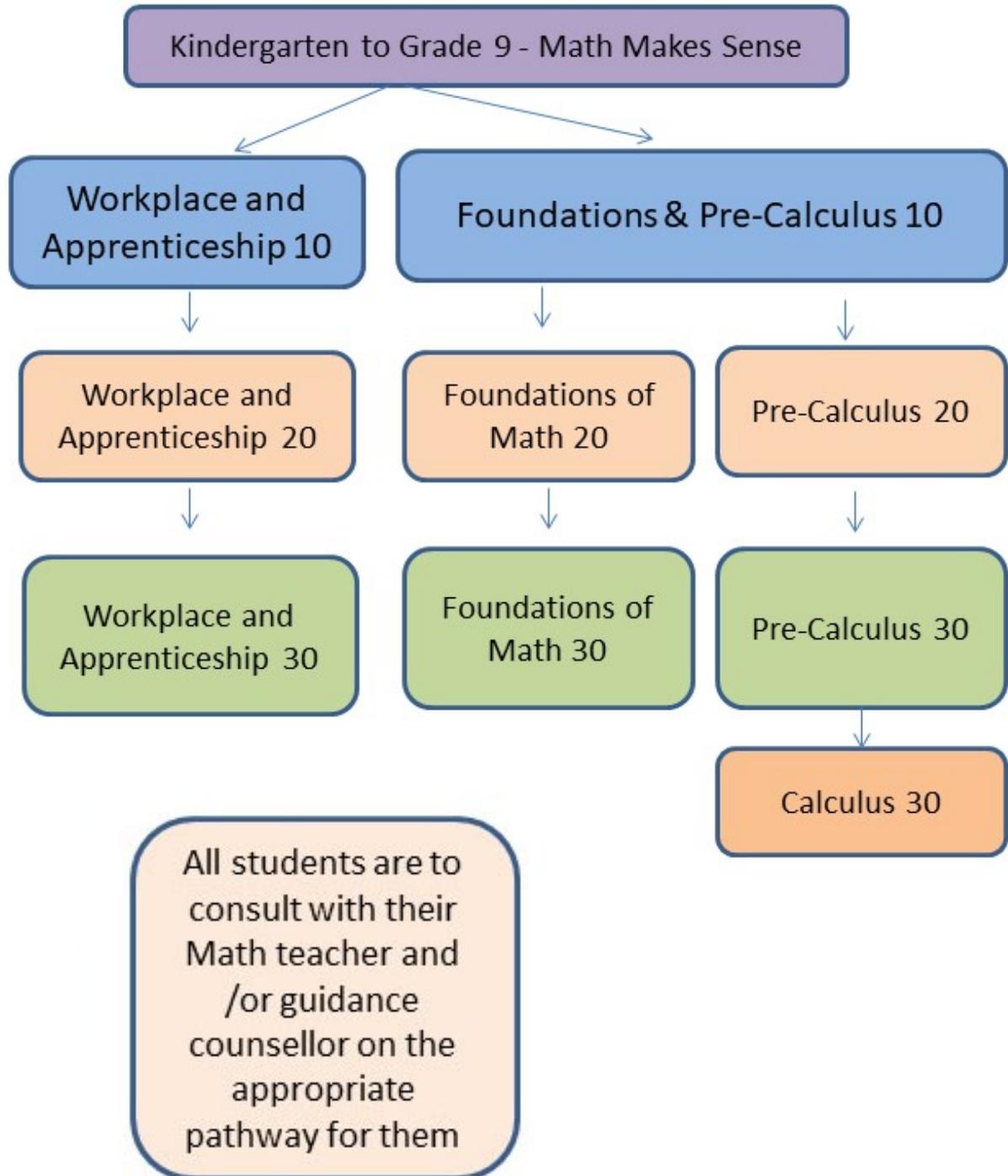
- Band 20 (Noon)
- Clay & Sculpture 20 (Studio Art 20)
- Choral 20 (Noon)
- Drama 20
- Instrumental Jazz 20 (Early morning)
- Music 20 Rock Band
- Visual Art 20
- Visual Art 20 (Enriched)
- Vocal Jazz 20 (Early morning)
- Theatre Arts / Arts Education 20 (2 credits)

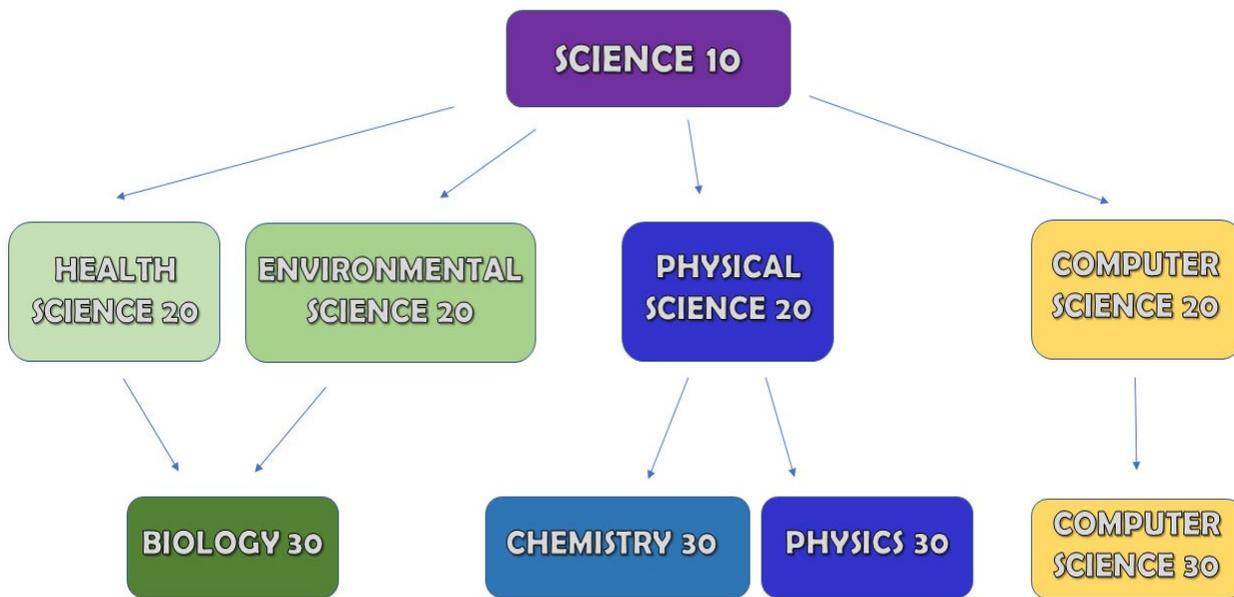
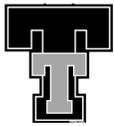
Additional Classes:

- Core French 20
- Guitar 20
- Instructional Phys Ed 20
- Personal Fitness 20L

Other Programs:

- Campus Regina Public (CRP)







ARTS EDUCATION

ART

Clay & Sculpture—Studio Art 20 (1 Credit)

This class delves into 3-dimensional art forms. Over the course of the semester the students will study sculptural terms, basic clay techniques, and work on clay sculpture construction. Students explore ideas, experiences, and cultural identities while learning about processes and media. There is opportunity to experience art both as an artist and viewer, as we examine contemporary and historical artists. Students are assessed on their ability to work independently to develop, start and complete self-directed projects. Qualities such as work ethic, participation, punctuality and attendance are essential for success. This class does not require a prerequisite.

Visual Art 20 (1 Credit)

This course furthers the study and development of techniques in the areas of drawing, painting and design. Creative and critical thinking skills are developed and there is also an introduction to printmaking and collage. There is also a study of the Principles of Design and an introduction to art history including Canadian visual artists. The accumulation of marks is based on completed classroom projects. Marks are given for skill in technique and creativity of design. Students are also assessed on their ability to work independently to develop, start and complete self-directed projects. Qualities such as work ethic, participation, punctuality and attendance are essential for success.

MUSIC

Band 20 (1 Credit) (At Noon)

This class is performance oriented. Through performance, the students will learn to value and critically respond to music of different styles, cultures and time periods. The band meets two to three times each week during noon hour to rehearse. The band performs in at least two concerts, which form part of the evaluation. Students will be tested on their ability to play the chosen pieces, to play scales and to sight-read.

Choral 20 (1 Credit) (At Noon)

This class is performance oriented. Through performance, the students will learn to work together as a group to achieve a musical result. They will experience music of different styles, time periods and languages. The Choir meets two to three times each week during noon hour to rehearse. The Choir performs in at least two concerts, which form part of the evaluation. Students will be tested on their ability to sing their parts in the chosen pieces and on music theory.

Guitar 20 (1 Credit) Prerequisite: Permission of the instructor

This class is part of a series of classes that is a continuation of Guitar 10, with more demands on the students technically and theoretically as they become more advanced on guitar. Evaluation incorporates a variety of components including written tests, playing tests and sight-reading.

Instrumental Jazz 20

Students must be registered in Noon Band to participate in Jazz Band. Like Band, Jazz Band is a year-long group performance oriented class. The class meets every Wednesday and Friday outside of the regular timetable (ie. mornings). There are three main concerts during the year (winter, spring, and a jazz show early in second semester) plus other performance opportunities as they arise. The class will focus on the jazz idiom, with considerable time spent on swing style. Evaluation will include playing tests, participation in rehearsals and performances, self-evaluation and written assignments.



Grade Eleven—Course Descriptions

Music 20 - Rock Band 10 (1 Credit)

Do you play Guitar, Bass, Drums, Keyboards, or Sing? Then Music 10/20/30 Rock Band is the elective for you! We will be putting together 3 rock bands each semester in period 4. See Mr. Houston in room 113 for further details.

Vocal Jazz 20 (1 Credit)

Students must be registered in Noon Choral to participate in Vocal Jazz. Like Choral, Vocal Jazz is a year-long group performance oriented class. The class meets every Tuesday and Thursday outside of the regular timetable (ie. mornings). There are three main concerts during the year (winter, spring, and a jazz show early in second semester) plus other performance opportunities as they arise. The class will focus on the jazz idiom, with considerable time spent on swing style. Evaluation will include singing tests, participation in rehearsals and performances, self-evaluation and written assignments.

DRAMA

Drama 20 (1 Credit)

This course involves four main areas of study: acting, improvisation, characterization and script work. A relevant social issue, using various drama strategies and focusing on commitment, concentration and believability, will be explored. There is also a development of skills and abilities in spontaneous improvisation and the portrayal of characters. Script work includes analysis, blocking, rehearsal and performance.

ENGLISH LANGUAGE ARTS

English Language Arts 20 (1 Credit) *Prerequisite: ELA A10 and B10*

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 Literature & Composition 20L Enriched (1 Credit) *Prerequisite: ELA A10 and ELA B10* *elective
English Literature and Composition 20L is designed to support students seeking enriched programming and to support students in preparing for the Advanced Placement English Literature and Composition exam. This course is intended to be offered as a supplement to the Saskatchewan Ministry of Education English Language Arts program

Creative Writing 20 (1 Credit)

If you feel drawn to expressing yourself through writing, try Creative Writing 20! Students will get the chance to explore their creative spirit through listening, viewing, reading, dissecting, and creating interest-based texts such as stories, scripts, narratives, poetry, media, etc.. This class encourages students to realize the art and enjoyment of communicating and writing, which can be valuable for future careers in writing, communications, and the arts.



Grade Eleven—Course Descriptions

MATHEMATICS

Foundations of Mathematics 20 (1 Credit)

Prerequisite: Foundations of Mathematics and Pre-Calculus 10

This pathway is designed to provide students with mathematical understanding and critical thinking skills identified for entry into post-secondary programs. Topics include: Rate applications, scale diagrams, scale factors, perimeter area and volume, properties of angles and triangles, sine law and cosine law, inductive and deductive reasoning, normal distribution, systems of linear inequalities and quadratic functions.

Mathematics 21 (1 Credit) *Prerequisite: Mathematics 11*

Math 21 is a modified course designed for students who struggle with math. Students should receive a recommendation from their math teacher in order to register for Math 21. This course includes many of the same topics as Math 20 but in less depth.

Pre-Calculus 20 (1 Credit) *Prerequisite: Foundations of Mathematics & Pre-Calculus 10*

This pathway is designed to provide students with mathematical understanding and critical thinking skills identified for entry into post-secondary programs (science and math related areas). Topics include: Absolute value of real numbers, operations on radicals, rational expressions, angles in standard position, trigonometric ratios of angles, sine law and cosine law, factoring, absolute value functions, quadratic functions and equations, systems of linear functions, linear and quadratic inequalities, arithmetic and geometric sequence and series and reciprocal functions.

Workplace and Apprenticeship Mathematics 20 (1 Credit) *Prerequisite: WAM 10*

This pathway is designed to provide students with mathematical understanding and critical thinking skills identified for entry into the work-force. Topics include: Problem solving involving metric and imperial measurements, scale drawings, models and views of 3-D objects, numerical reasoning, personal budgeting, compound interest, financial institution services, formula manipulation, slope, proportional reasoning and unit analysis and creating and interpreting data.

PRACTICAL & APPLIED ARTS

Accounting 20 (1 credit)

Builds on introductory accounting skills by exploring the accounting cycle for merchandising businesses. Students learn about inventory, sales and purchases, financial statements, and basic accounting standards while applying concepts through bookkeeping and problem-solving.

Building Construction 20—PAA A20 (1 Credit)

Building Construction 20 is a hands-on course where students learn practical skills used in the construction industry. The class focuses on developing employable, real-world skills through projects and may include a work experience component.

Business 20 — PAA B20 (1 Credit)

Business 20 introduces students to core areas of business, including entrepreneurship, marketing and accounting. Through practical activities and real-world examples, students explore how businesses operate, how products are marketed and how financial decisions are made.

Clothing, Textiles & Fashion 20 (1 Credit)

Clothing, Textiles, and Fashion 20 explores how clothing and textiles influence daily life. Students build skills through both theory and hands-on projects in design, construction and fabric use.

Grade Eleven—Course Descriptions



Commercial Cooking 20 (1 Credit)

This class reviews measuring skills and food safety while covering baking basics and cooking with grains, fruits and vegetables, dairy and eggs. Depending on time and interest, yeast products and pastries may also be explored.

Construction & Carpentry 20 (1 Credit)

Activity based, looking at furniture construction and design. Practical furniture projects will be built using advanced joinery techniques. Residential construction will be discussed as a focus of this class. Tool safety and function will be discussed in conjunction with the projects built during this class.

Financial Literacy 20 (1 Credit)

Financial Literacy 20 builds financial confidence by helping students develop the habits and critical thinking needed to make informed money decisions. The course introduces key topics such as decision-making, budgeting, net worth, financial institutions, information security, transactions, credit and investing. Students learn practical skills for managing personal finances.

Graphic Arts 20 (1 Credit)

Explore graphic design through traditional and digital art-making. Students work with digital photography, silk-screening and image editing using modern tools and software, building visual communication and technical design skills in a creative, project-based environment.

Information Processing 20 (1 Credit)

The focus of this course is on business applications, including data bases, presentation software, business simulations and advanced keyboarding. Skills for entry-level employees will be emphasized.

Leadership 20L (1 Credit)

Leadership 20L helps students develop personal leadership skills through self-awareness, communication, goal setting and decision-making. Students explore leadership styles and intrapersonal skills and apply their learning by taking part in school or community projects.

Life Transitions 20 (1 Credit)

This course focuses on preparing students for life after high school. A variety of topics will be addressed including self-evaluation, job interviews, choosing a career, relationships, human sexuality, leaving home and consumerism (money management).

Mechanical & Automotive 20 (1 Credit)

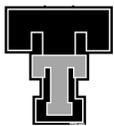
This class focuses on engine overhaul, engine systems – electrical, welding and also includes an introduction to tune-ups. Course work includes hands on assignments, practical projects and written work.

Photography 20 (1 Credit)

Expands on camera skills with more advanced techniques in composition, lighting and digital editing. Students refine creative and technical abilities while exploring image manipulation.

Robotics & Automation 20 (1 Credit)

Building on prior skills with more advanced work in electronics, coding, sensors and automation. Students design and program increasingly complex robotics systems and apply problem-solving and creativity through hands-on project development.



Grade Eleven—Course Descriptions

SCIENCE

Computer Science 20 (1 Credit)

In Computer Science 20, students will study programming fundamentals, the effects of computers on society, career exploration, and problem-solving to troubleshoot programs. Programming tools include Scratch and Reeborg and students will study the Python programming language. Students will conduct their personal inquiry by way of a coding project or research for their Final Project.

Environmental Science 20/21 (1 Credit) Prerequisite: Science 10

Students will learn how to examine local and global environmental issues from a systems perspective while considering the effects of human actions and a growing global population on the climate and environment, as well as the effects of the environment on human health. They will explore the mechanisms and importance of aquatic and terrestrial ecosystems and the sustainability of past and current practices and technologies humans have developed to live with and within the environment.

Health Science 20/21 (1 Credit) Prerequisite: 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 decision 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. Students will also investigate the range of health science careers and post-secondary programs available in Saskatchewan.

Physical Science 20 (1 Credit) Prerequisite: Science 10

This class combines chemistry and physics to investigate the foundations of chemistry including the generation of compounds through formula and nomenclature; development of the mole concept, balancing equations and stoichiometric relationships between reactants and products; heating and cooling through the use of the kinetic molecular theory, calorimetry and Hess' Law; the characteristics and properties of waves, light, mirrors, lenses and refraction; and the complex and intricate mathematics involved in these areas. Student inquiry will guide independent research to help students better understand various physical science related career paths. The skills acquired in Physical Science 20 are applied to new content in Chemistry and Physics 30.

SOCIAL SCIENCE

Indigenous Studies 20 (1 Credit) Prerequisite: Social Studies 10 or Indigenous Studies 10

This course examines historical and contemporary issues in concepts common to Canadian and international Indigenous peoples. The units for study include: self-determination and self-government, development, and social justice.

Psychology 20 (1 Credit) Prerequisite: Social Studies 10 or Indigenous Studies 10

This course provides an introduction to the field of social psychology and a study of how people's mental processes and behaviours are influenced by the power of situation and their own subjective construction of reality. Topics include learning, motivation, emotion and behaviour.



Sports Psychology 20 (1 Credit)

Sports Psychology examines how mental factors like motivation, confidence, focus and emotional control influence athletic performance and overall well-being. Students learn strategies to improve mindset, build healthy habits, and support personal growth in both sport and daily life.

Social Studies 20/21 (1 Credit) Prerequisite: Social Studies 10 or Indigenous Studies 10

The goal of Social Studies 20 is to help students understand the major issues facing humanity at the end of the twentieth century. This course examines issues relating to human rights, population growth and challenges, wealth creation, environmental change, and world governance. This course teaches students to view issues from multiple perspectives and learn how to use creative problem solving.

PHYSICAL EDUCATION

Personal Fitness 20L (1 Credit)

This course provides an opportunity for students with a passion and interest in physical activity, health and well-being. The course provides an alternative physical education class for those wishing to be physically active but not interested in the provincial curricula which focus on sport and recreational activity.

Physical Education 20 (1 Credit)

This course involves a number of activities. Theory & information related to each of the activities is incorporated into the schedule. Activities include: racquetball, golf, rock climbing, self-defense, canoeing, tennis, weight training, curling, cross-country skiing, rowing, swimming, aerobic exercises, downhill skiing and skating.

LANGUAGE

Core French 20 (1 Credit) Prerequisite: Core French 10

French 20 equally emphasizes oral and written French through a thematic, communicative approach. Students practice spoken French in real conversational situations with peers, while expanding their vocabulary, grammar and learning new verb tenses throughout the semester.

ADDITIONAL CLASSES

Mental Health Studies 20 (1 Credit)

This course helps students understand mental health, mental illness and factors that influence well-being. It builds skills in resilience, coping, self-awareness and critical thinking while addressing stigma, supports, treatments and community resources. Students explore holistic wellness and strategies.

Cultural Arts 20 (1 Credit)

Cultural Arts 20 develops cultural understanding through experiential, land-based learning with Elders and community members. Students explore Spirit, relationships, place, ceremony and language through cultural practices, strengthening identity and cultural competency.

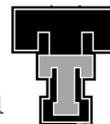
DUAL CREDIT CLASSES

Wild Routes: Eco-Adventure, Sustainability and Stewardship(2 Credits)

This outdoor, adventure-based learning course combines Wildlife & Habitat Studies 10 with Phys Ed 20. Students learn through hands-on experiences like hiking, camping, canoeing and develop wilderness skills like navigation, shelter building, fire making and safety. This course explores wildlife, ecosystems, climate and environmental stewardship while promoting fitness, leadership and holistic wellness.

Theatre Arts / Arts Education 20 (2 Credits):

This is an interdisciplinary, performance-oriented course. Students will be involved in all aspects of a major theatrical production including acting, singing, dancing and behind the scenes work. In addition, students will be involved in group projects as well as have the opportunity to attend productions and work with local performers. There is a materials fee with this class.



Grade Eleven—French Immersion

Required Subjects for Students in the French Immersion Program

During grades 10-12, students must complete a minimum of 24 courses (compulsory courses and electives) to earn a high school diploma. In order to receive a bilingual mention on a high school diploma, students must successfully complete a minimum of 12 French Immersion courses.

Grade 10	Grade 11	Grade 12
Français 10	Français 20	Français 30
	Français Intégré 20A	Français Intégré 20B
English 10	English 20	English 30
Histoire 10	Histoire 20	
	Sciences Sociales Fransaskoises 20	Sciences Sociales 30
Science 10 (tronc)	a Science 20 (in English) Or Sciences de la santé 20	
Millieu de travail et formation d'apprentis 10 & Fondements des mathématiques et Precal 10 (recommended to take both)	Fondements de Mathématiques 20	
Mieux-Être 10 (Wellness)		





Grade Eleven French Immersion

Fondements des Mathématiques 20 (1 Crédit)

Prerequisite: Fondements des mathématiques et Pré-Calcul 10

This pathway is designed to provide students with mathematical understanding and critical thinking skills identified for entry into post-secondary programs. Topics include: Rate applications, scale diagrams, scale factors, perimeter area and volume, properties of angles and triangles, sine law and cosine law, inductive and deductive reasoning, normal distribution, systems of linear inequalities and quadratic functions.

Français 20 (1 Crédit) *Prerequisite: Français 10*

This course looks at a variety of areas including cartoons, the picture-story, documentaries and news casts, and a novel study.

Français Intégré A20 (1 Crédit)

This course is a curriculum-based course that studies the units of cinema and sociology. It offers students the chance to try different course offerings in the French language. Marks are accumulated through assignments, exams and quizzes, and a spoken French component.

Histoire 20 (1 Crédit)

This course focuses on European geography, events of the 19th century, the First and Second World Wars, the Cold War and the evolution of a New World order.

Sciences Sociales Fransaskoises 20 (1 Crédit)

Sciences Sociales Fransaskoises 20 – Ce cours examinera les enjeux contemporains et historiques qui affectent les peuples indigènes au Canada ainsi qu'à travers le monde. On regardera les concepts qu'ils partagent en commun tels : vision du monde, la gouvernance, développement économique, la justice, la santé, etc.

Sciences de la santé 20 (1 Crédit)

Ce cours aidera l'élève à développer sa compréhension de la nature de la science et de la technologie, des relations entre la science et la technologie ainsi que du contexte social et environnemental dans lequel s'inscrivent la science et la technologie, y compris des rapports entre le monde naturel et le monde construit. L'élève construira sa connaissance et sa compréhension des concepts, principes, lois et théories des sciences de la vie et appliquera ces acquis pour interpréter, intégrer et élargir ses connaissances théoriques et pratiques. En plus, l'élève développera les habiletés nécessaires pour mener des investigations scientifiques et technologiques, résoudre des problèmes et communiquer pour travailler en collaboration et pour prendre des décisions éclairées.



Grade Twelve-Course Syllabus

12

All Grade 12 students must register for a **minimum of 8 credits**.

Required/Specified Areas of Study:

English 30 or 31 **or** English A30 (AP) & B 30 (AP)
Social Studies 30 or 31 **or** Indigenous Studies 30 or 31

Science:

Biology 30
Chemistry 30
Physics 30
Computer Science 30

Social Sciences:

Psychology 30
Law 30
Psychology 30 AP

Math:

Math: Workplace & Apprenticeship 30
Integral Calculus 30L (enriched) and Calculus 30 AP
Math: Foundations 30
Math: Pre-Calculus 30
Calculus 30

Practical and Applied Arts

Accounting 30
Building Construction 30
Business 30
Clothing Textiles & Fashion 30
Construction 30
Financial Literacy 30
Foods Studies 30
Graphic Arts 30
Information Processing 30
Leadership 30L
Life Transitions 30
Mechanical & Automotive 30

Arts Education:

Band 30 (Noon)
Choral 30 (Noon)
Drama 30
Guitar 30
Instrumental Jazz 30
Music 30
Studio Art 30 (Clay)
Visual Art 30
Vocal Jazz 30

Combined Courses:

Career and Work Exploration
A30 and B30

Musical Theatre 30

Wild Routes: Eco-Adventure,
Sustainability & Stewardship

Additional classes:

Core French 30
Cultural Arts 30
Instructional Physical Education 30
Personal Fitness 30

Campus Regina Public (CRP)

*Saskatchewan Learning requires a minimum of 24 credits for graduation,
at least five of which must be 30 level credits.*



ARTS EDUCATION

ART

Visual Art 30 (1 Credit)

This course furthers the study and development of techniques in the areas of advanced drawing, painting and design. Creative and critical thinking skills are developed and there is also further exploration into printmaking and collage. There is also an advanced study of the Principles of Design and the history of art. Gallery visits are often part of this course. Students are also assessed on their ability to work independently on self-directed projects and their understanding of art history and careers. Marks are given for skill in technique and creativity of design. The accumulation of marks is based on completed classroom projects - qualities such as work ethic, participation, punctuality and attendance are essential for success.

Clay & Sculpture—Studio Art 30 (1 Credit) *Prerequisite: Studio Art 20 (formerly Art 20L)*

This class covers 3-dimensional art in greater depth. The students will build on their knowledge of sculptural terms, clay building techniques, and construction from Art 20L. They will continue to explore ideas, experiences, and cultural identities, but will expand their knowledge and understanding of art's place in society and in current events. Students are assessed on their ability to work independently to develop, start and complete self-directed projects. Qualities such as work ethic, participation, punctuality and attendance are essential for success.

MUSIC

Band 30 (1 Credit)

This class is performance oriented. Through performance, the students will learn to value and critically respond to music of different styles, cultures and time periods. The band meets two to three times each week during noon hour to rehearse. The band performs in at least two concerts, which form part of the evaluation. Students will be tested on their ability to play the chosen pieces, to play scales and to sight-read.

Music 30 - Rock Band 30 (1 Credit)

Do you play Guitar, Bass, Drums, Keyboards, or Sing? Then Music 10/20/30 Rock Band is the elective for you! We will be putting together 3 rock bands each semester in period 4. See Mr. Houston in room 113 for further details.

Choral 30 (1 Credit)

This class is performance oriented. Through performance, the students will learn to work together as a group to achieve a musical result. They will experience music of different styles, time periods and languages. The Choir meets two to three times each week during noon hour to rehearse. The Choir performs in at least two concerts, which form part of the evaluation. Students will be tested on their ability to sing their parts in the chosen pieces and on music theory.

Guitar 30 (1 Credit) *Prerequisite: Permission of the instructor*

This class is part of a series of classes that is a continuation of Guitar 10 and 20, with more demands on the students technically and theoretically as they become more advanced on guitar. Evaluation incorporates a variety of components including written tests, playing tests and sight-reading.



Grade Twelve Course Descriptions

Instrumental Jazz 30

Students must be registered in Noon Band to participate in Instrumental Jazz. Like band, Instrumental Jazz is a year-long group performance oriented class. The class meets every Wednesday and Friday outside of the regular timetable (ie. mornings). There are three main concerts during the year (winter, spring, and a jazz show early in second semester) plus other performance opportunities as they arise. The class will focus on the jazz idiom, with considerable time spent on swing style. Evaluation will include playing tests, participation in rehearsals and performances, self-evaluation and written assignments.

Vocal Jazz 30

Students must be registered in Noon Choral to participate in Vocal Jazz. Like Choral, Vocal Jazz is a year-long group performance oriented class. The class meets every Tuesday and Thursday outside of the regular timetable (ie. mornings). There are three main concerts during the year (winter, spring, and a jazz show early in second semester) plus other performance opportunities as they arise. The class will focus on the jazz idiom, with considerable time spent on swing style. Evaluation will include singing tests, participation in rehearsals and performances, self-evaluation and written assignments.

DRAMA

Drama 30 (1 Credit)

This is an advanced drama course open to students who have been successful in at least one drama course at the 10 or 20 level. Students will study theatre history and may develop a collective creation to be performed publicly at the end of the semester. A high level of student commitment is required in this course.

Musical Theatre—Theatre Arts / Arts Education 30 (2 Credits):

This is an interdisciplinary, team-taught, performance-oriented course. Students will be involved in all aspects of a major theatrical production including acting, singing, dancing and behind the scenes work. In addition, students will be involved in group projects as well as have the opportunity to attend productions and work with local performers.

ENGLISH

English Language Arts 30/31 *Prerequisite: ELA 20/21*

English Language Arts 30 is a senior English course that develops advanced skills in reading, writing, speaking and critical thinking. Students explore Canadian, Saskatchewan, First Nations, Metis and international texts to examine themes of identity, community, social responsibility and global issues. The course emphasizes interpreting diverse perspectives, creating a range of written, visual and multimedia texts and communicating ideas for different audiences and purposes. Through inquiry, analysis and composition, students refine their abilities as confident, thoughtful and effective communicators.

MATHEMATICS

Foundations 30 (1 Credit) *Prerequisite: Foundations 20*

This pathway is designed to provide students with mathematical understanding and critical thinking skills identified for entry into post-secondary programs. Topics include: compound interest and financial decision making, cost analysis, investment portfolio: interest rate, rate of return, total return, numerical and logical reasoning via puzzles and games, simple set theory (Venn diagrams, intersection, union, and complement), conditional statements, assessing validity of probability and



Grade Twelve Course Descriptions

odds-based statements, probability of mutually and non-mutually exclusive, dependent and independent events, fundamental counting principal, permutations, combinations, polynomial functions (degree < 3), logarithmic and exponential functions, sinusoidal functions, and current event areas of interest related to mathematics

Calculus 30 (1 Credit) *Prerequisite: Pre-Calculus 30*

Students will work to understand that as algebra allows mathematicians to model and generalize numeric patterns, calculus allows mathematicians to model and generalize patterns of change in those patterns, as well as change in the change itself. Conceptually, this is accomplished using the concept of infinity to develop the three big ideas of Calculus: limits, derivatives, and integrals. These ideas will be applied to model algebraic, transcendental, and piecewise functions, with a focus on factoring, solving, understanding limits, differentiating, curve sketching, and problem-solving.

Pre-Calculus 30 (1 Credit) *Prerequisite: Pre-Calculus 20*

This pathway is designed to provide students with mathematical understanding and critical thinking skills identified for entry into post-secondary programs (science and math related areas). Topics include: degrees and radians, unit circle, six trigonometric ratios (degrees and radians), sine, cosine, and tangent functions, trigonometric equations (degrees and radians), trigonometric identities, operations and composition of functions (function notation), transformations of graphs and equations (vertical and horizontal translations, stretches, reflections, and inverses), logarithms, logarithmic and exponential functions, logarithmic and exponential equations, factoring beyond degree 2 (integral coefficients), polynomial functions of degree < 5 , radical functions, rational functions, fundamental counting principal, permutations, combinations, and binomial theorem.

Workplace & Apprenticeship Math 30 (1 Credit)

Prerequisite: Workplace & Apprenticeship Math 20

This pathway is designed to provide students with the mathematical understanding and critical thinking skills identified for entry into the majority of trades and for direct entry into the work-force. Topics include: Problem solving involving limitations of measuring instruments, Sine Law and Cosine Law (excluding ambiguous case), problems involving polygons, transformations of 2-D shapes and 3-D objects (translation, reflection, rotation, dilation), logical reasoning via games and puzzles, acquisition of vehicle, viability of small businesses, linear relations, measures of central tendency (mode, median, mean, weighted means, trimmed means), percentiles (analysis), and probability problems.

PRACTICAL AND APPLIED ARTS

Accounting 30 (1 Credit)

Accounting 30 teaches students how to record financial transactions and understand key concepts like assets, liabilities, revenues and expenses. It introduces the basic accounting cycle and shows how financial statements are created to help businesses make informed decisions.

Building Construction 30 –PAA A30 (1 Credit)

Extending the skills developed in the previous course, students deepen industry-based knowledge and skills to construction projects. A work placement with a construction company may occur.

Business 30 (1 Credit)

This course expands student understanding of entrepreneurship, marketing & financial decision-making. Students develop business plans & financials, getting a taste of the world of business.



Clothing, Textiles & Fashion 30 (1 Credit)

Clothing, Textiles, and Fashion 10/30 are designed to create awareness of the role of clothing, textiles, and fashion in our daily lives. Students will have the opportunity for achievement and success through a combination of theory and practical experiences at school.

Construction & Carpentry 30 (1 Credit)

This course is largely activity based, and looks at practical furniture construction and design. Practical furniture projects will be built using advanced joinery techniques. Tool safety and function will be discussed in conjunction with the projects built during this class.

Financial Literacy 30 (1 Credit)

Students make financial decisions every day, so the purpose of this course is to help students (consumers) build habits, attitudes, and critical thinking skills necessary to approach financial decisions with competence and confidence. The course is an introduction to financial literacy. Topics include decision making, security, tracking & budgeting, contracts (such as cellphone contracts), banking, chequing accounts, interest, introduction to stocks & investing, and career opportunities in the financial industry.

Food Studies 30 (1 Credit)

Food preparation covers all basic areas such as fruits, vegetables, flour mixtures, milk, eggs, sugars, meat, fish, poultry, fats and sugar substitutes. Meal preparation, nutrition challenges and Canadian and world cuisine are topics that are also addressed.

Graphic Arts 30 (1 Credit)

Explore graphic design through both traditional and digital art-making. Students use digital photography, silk screening, and image editing with modern tools to build visual communication and technical design skills in a creative, project-based environment.

Information Processing 30 (1 Credit)

Info Processing 30 advances students' skills with integrated software tools, including word processing, spreadsheets, databases and presentations. Students create digital projects and develop practical computer skills useful for business, post-secondary and everyday digital communication.

Leadership 30L (1 Credit)

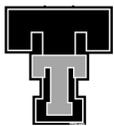
Leadership 30L focuses on group leadership skills, including teamwork, communication, conflict resolution and planning. Students examine how leaders motivate and support others while working together to organize school or community projects. The course strengthens collaboration, initiative and the ability to lead within a group setting.

Life Transitions 30 (1 Credit)

This course takes students through a real life simulation and helps them to recognize the decisions that must be made over the course of a lifetime. A variety of topics will be addressed including relationship development, conflict resolution, support resources, money management, credit, insurance, mortgages, health care, parenting and child development.

Mechanical & Automotive 30 (1 Credit)

This class focuses on the transmission of power including gear systems and new developments in



Grade Twelve—Course Descriptions

both standard, automatic and CVT transmissions. There is also a review of tune-ups, looking into new developments and mechanics. Other areas of study include electronic steering, distributor-less ignition, electronic fuel injection, welding, steering suspension and computer controls.

Photography 30 (1 Credit)

Students advance their technical camera skills, explore composition, lighting and lens choices while creating more refined and intentional images. Students explore photography-related careers.

Robotics & Automation 30 (1 Credit)

This course challenges students with advanced robotics, electronics, and programming. Students work with microcontrollers, sensors, automation systems and mechanical components to design, build and refine complex robotics projects. The course emphasizes innovation, problem-solving and technical skill development through hands-on, real-world applications.

SCIENCE

Biology 30 (1 Credit) *Prerequisite: Environmental Science 20 or Health Science 20*

The major themes of this course are to examine the significance of evolution as a key unifying theme in biology and to explore what life is and how it changes over time. Students will examine the organization of life in all kingdoms through the study of biomolecules, cellular processes, and organism function. In genetics and biotechnology, students will explore inheritance, and how information is stored, transmitted, and expressed at chromosomal and molecular levels. Student inquiry will guide independent investigations of biology-related phenomena.

Computer Science 30 (1 Credit) *Prerequisite: Computer Science 20*

We will explore careers in Computer Science. You will continue to develop skills using computational thinking. Building on your knowledge and skills from Computer Science 20, you will begin fully text-based coding to create and correct programs using the popular coding language, Python. You will complete the semester learning processing in Python to create your own animation.

Chemistry 30 (1 Credit) *Prerequisite: Physical Science 20*

A major focus of the course is the study of the role of chemical properties and bonds in determining what makes materials suitable for use in specific applications. Students will actively investigate the nature of equilibrium in chemical reactions. In electrochemistry, students explore oxidation-reduction reactions and the impact of electrochemistry on society and the environment. Other topics include organic compounds and acid-base chemistry.

Physics 30 (1 Credit) *Prerequisite: Physical Science 20*

This course enables students to investigate concepts related to modern physics such as quantum mechanics, relativity, and nuclear physics. Students will use Newtonian mechanics to analyze various types of motion and forces that cause motion. Using conservation laws of momentum and energy, students will analyze and predict the results of interactions between objects. Lastly, students will explore gravitational, electric and magnetic fields and their interactions. Student inquiry will guide independent investigations of physics-related phenomena.

SOCIAL SCIENCE

Law 30 (1 Credit)

This course studies Canadian law and is intended to help students understand the principles and procedures of the Canadian legal system. Topics include criminal law, civil law, family law and contract law. Guest speakers, a mock trial and a field trip to a court house may be included.

Grade Twelve—Course Descriptions



Indigenous Studies 30 (1 Credit)

Indigenous Studies 30 deals with contemporary aboriginal issues, from World War I to present-day. Students will be immersed in experiential learning environments by partaking in group works, and shared experiences. Various mediums will be employed so as to render an overall appreciation of aboriginal inclusion to the development of Canadian politics, from the past to the present.

Psychology 30 (1 Credit)

As a developmental psychology course, this course explores human development – how people change and develop during the span of life from conception to death

Social Studies 30 (1 Credit)

The goal of this course is to help students understand the major issues facing Canadians at the beginning of the 21st Century. With this in mind, the course emphasis is on geography, economics, history, governance, Canadian identity, and cultural diversity that include contemporary Canadian Aboriginal issues.

PHYSICAL EDUCATION

Physical Education 30 (1 Credit)

This course involves a number of activities. Theory and information related to each of the activities is incorporated into the schedule. Activities include racquetball, swimming, golf, , scuba diving, downhill skiing, squash, gymnastics and individual fitness.

Personal Fitness 30L (1 Credit)

This course provides an opportunity for students with a passion and interest in physical activity, health and well-being. The course provides an alternative physical education class for those wishing to be physically active but not interested in the provincial curricula which focus on sport and recreational activity.

LANGUAGE

Core French 30 (1 Credit) *Prerequisite: Core French 20*

French 30 balances oral and written French equally and is based on a thematic communicative/experiential approach. This course enables students to practice spoken French in communicative situations and puts more emphasis on creating and sustaining conversations with peers. Throughout the semester students will be introduced to new verb tenses and will expand on their previous vocabulary and grammar skills.

ADDITIONAL CLASSES

Cultural Arts 30 (1 Credit)

Cultural Arts 30 deepens students' understanding of Indigenous worldviews through advanced learning about spirit, relationships, place, ceremony and language. Student work with Elders and Knowledge Keepers, explore cultural practices and engage in land-based learning. The course emphasizes personal identity, community and connection and applying cultural knowledge through creative and experiential activities.

DUAL CREDIT CLASSES

Career & Work Exploration (2 Credits)

Career & Work Exploration helps students learn about different career pathways and understand how their interests and skills connect to real job opportunities. It teaches job-search skills, labour-market awareness and workplace safety. Students participate in a volunteer role at a work placement.

Theatre Arts / Arts Education 30 (2 Credits):

This is an interdisciplinary, performance-oriented course. Students will be involved in all aspects of a major theatrical production including acting, singing, dancing and behind the scenes work. In addition, students will be involved in group projects as well as have the opportunity to attend productions and work with local performers.



Required Subjects for Students in the French Immersion Program

During grades 10-12, students must complete a minimum of 24 courses (compulsory courses and electives) to earn a high school diploma. In order to receive a bilingual mention on a high school diploma, students must successfully complete a minimum of 12 French Immersion courses. The French Department at Thom Collegiate offers 6 courses in grade 10, 4 courses in grade 11 and 3 courses in grade 12.

Grade 10	Grade 11	Grade 12
Français 10	Français 20	Français 30
	Français Intégré 20A	Français Intégré 20B
English 10	English 20	English 30
Histoire 10	Histoire 20	
	Sciences Sociales Fransaskoises 20	Sciences Sociales 30
Sciences 10 (tronc)	a Science 20 (<i>in English or French</i>)	
Millieu de travail et formation d'apprentis 10 & Fondements des mathématiques et Precal 10 (recommended to take both)	Fondements de Mathématiques 20	
Mieux-Être 10 (<i>Wellness</i>)		
Littérature financière 10		



ELECTIVES

Français Intégré 20B (1 Credit)

This course, taken in the Grade 12 year, is a curriculum-based course that studies the units of psychology and entrepreneurship. It offers French Immersion students the opportunity to try different course offerings in the French language.

Français 30 (1 Credit)

This course encourages continued development and precision of the French Language. Students continue to develop both written and oral skills. Much emphasis is placed on continued improvement of the oral aspect of the language as students will write the International Baccalaureate exam (IB) at the end of their grade twelve year. Students continue to develop these language skills through three thematically based units: the novel, the play, and poetry.

Sciences Sociales 30 (1 Credit)

This course deals with topics such as Canadian history, relationships between the members of society, the evolution of Canada as an independent nation, Canadian culture, the role of the constitution and the rights of the people.