

Thorsby Junior Senior High School High School Registration Handbook 2026-2027



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We are the Sabres!
Safe, Accountable, Bold, Respectful, Engaged, Student-Centered

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Criteria for Commencement Ceremony Participation

In order for students to convocate in the school ceremony, they must:

- be enrolled as a student at TJSHS in good-standing,
- be a grade 12 student who has not participated in a previous commencement ceremony at TJSHS,
- adhere to the TJSHS Student Handbook as well as Section 31 of the Province of Alberta School Act,
- have a reasonable and achievable plan for the completion of diploma requirements and be working towards this plan (with regards to classroom attendance and work submission),
- have all school and graduation fees paid in full prior to participation in graduation activities.

Under extenuating circumstances administration may establish different criteria for individual student participation.

Thorsby Junior Senior High School Valedictorian Policy

The honour of Valedictorian is awarded to the grade 12 student who has achieved the highest academic average for their graduation year. Calculations are based on five academic courses.

Courses that are required are as follows:

Column A	Column B
English Language Arts 30-1	Math 30-2
Social Studies 30-1	Math 30-1
Aboriginal Studies 30	Math 31
	Science 30
	Chemistry 30
	Biology 30
	Physics 30

All students must include:

- one course from Column A (Top Humanities) and
- one course from Column B (Top Math/Science) and
- three additional courses listed in the table above.

For any diploma course that has been completed, the blended mark will be used in the calculation. For courses that are still in progress, the current course mark will be used. If a student completed a diploma course in a previous year, that course will be used in the calculation.

The average will be calculated at the end of quarter three, using completed course marks and midterm marks for semester two courses. The valedictorian should also represent Thorsby Junior Senior's core values and be in good standing with the school.

Credit Load Expectations

To assist students in maintaining a balanced high school program and workload, all programs will be subject to the following minimums:

- **Grade 10:** Full Timetable – Should not have a spare (minimum 40 credits)
- **Grade 11:** 35 credits minimum
- **Grade 12:** 30 credits – If a student is entering grade 12 with less than 75 credits, the minimum acceptable load is 35 credits.

Timetable Change Requests

At TJSHS, there is a timetable change protocol to follow. To request a timetable change, forms must be filled out, signed by parents, and returned prior to the deadline. Please note: Not all timetable changes can be accommodated due to timetable conflicts and/or class sizes.

August/September Timetable changes will be considered for the following reasons:

- ✓ Core Academic Concerns (Successful completion of Summer School course, fill a spare, change of course sequence due to final marks, or to address credit deficiencies).
- ✓ Complementary course changes will be limited, so choose wisely at the time of April registration.

January Timetable changes will be considered for the following reasons:

- ✓ Core Academic Concerns (Successful completion of Outreach, fill a spare, change of course sequence due to final marks, or to address credit deficiencies).
- ✓ Complementary course changes will be limited, so choose wisely at the time of initial registration.

Recommended Prerequisites

In order for students to move through the sequences of a subject area (Social 10-1, 20-1, 30-1 for example), they must successfully complete the prerequisite course before moving on to the next level. At TJSHS we have established recommended prerequisite* marks to help guide students towards their best potential paths for success. Historically speaking, students have a greater likelihood of success at the next level if they are able to achieve final marks at or above our recommended prerequisite levels. We ask that students and parents keep this in mind at all times, but especially during spring registration for the following year. * Please see subject area descriptions and flow charts throughout the handbook for specific recommended prerequisite marks.

Summer School

Summer school registration will open on April 24, 2026 at 9am; parents must register through the PowerSchool Parent Portal. Only **one core course** may be completed in the summer term between the Module-Based program and the Classroom-Based program. Students can enroll in a **maximum of 10 credits** at Black Gold Summer School in the summer term. Students can enroll in Career and Life Management OR Physical Education 10 in addition to another core course in the summer term. If students are NOT registering in a core course, they may enroll in both Career and Life Management AND Physical Education 10. If students intend to take Summer School, they still need to register for the class with TJSHS until credits are awarded.

Classes are offered in two formats: Classroom Based and Modular Based (independent work). Both have a \$25 non-refundable program fee.

For Classroom Based, the courses will run Monday through Friday, June 29 through July 24 at Ohpaho Secondary School from 8:00 a.m. to 12:15 p.m. As these courses are condensed, students are expected to attend all 80 hours of in-class instruction. They should also expect to complete one to two hours of homework each afternoon in order to keep up with the pace of instruction.

Classroom Based offerings for 2026 include:

- English 10-1, 20-1, 30-1
- English 10-2, 20-2, 30-2
- Social 20-1, 30-1
- Social 20-2, 30-2
- Physical Education 10
- Math 15 (prep class for Math 10C)
- Math 10C, 20-1, 30-1
- Math 20-2, 30-2
- Math 10-3
- Science 10
- Biology 20, 30
- Introduction to Mechanics (at Leduc Comp)
- Introduction to Welding (at Ohpaho)

Module-based courses can be started as early as May 20 and offer a flexible approach to learning. Much of your schoolwork can be done independently using self-directed learning materials, while working offsite. Module-Based students will be expected to attend Ohpaho Secondary for course intakes, module pick-up and drop-off, one-on-one tutorial support, and to write assessments.

Module Based offerings for 2025 include:

- English 10-1, 20-1, 10-2, 20-2
- Social 10-1, 20-1, 10-2, 20-2
- Math 10C, 10-3, 20-2
- CALM
- Phys. Ed. 10 (Self-Directed)
- Science 10, 14, 24, 30
- Biology 20
- Chemistry 20

Information for summer school can be found on the [Black Gold website](#).

High School Diploma Requirements - 100 credits

Requirement	TJSHS courses that meet this requirement		
30-level English	English Language Arts 30-1 or 30-2		
30-level Social Studies	Social Studies 30-1 or 30-2		
20-level Math	Math 20-1, Math 20-2, Math 20-3		
20-level Science	Science 20, Science 24, Biology 20, Chemistry 20, Physics 20 or Science 14 and Science 10 combined		
Physical Education 10	Physical Education 10 (3 or 5 credit)		
CALM	CALM		
10 credits of coursework at the 30-level (excluding ELA and Social Studies) Note: Module work in CTS courses must be at the 30-level	Art 30 Art 31 Biology 30 Chemistry 30 Comm. Tech. 30 Cosmetology 30	CTS Combo (30-level) Foods 30 Forensics 35 Math 30-1 Math 30-2 Math 30-3	Math 31 Phys. Ed. 30 Physics 30 RAP 35 Science 30 Work Ex. 35
10 credits from courses in the following categories: <ul style="list-style-type: none"> • Fine Arts • CTS Courses • Physical Education 20 / 30 • Second Languages 	CTS Courses: <ul style="list-style-type: none"> • Comm Tech, Computing Science, Cosmetology, Fabrication, Foods, Mechanics, Medical Sciences, Photography, Outdoor Education, Sports Performance, Sports Science Physical Education 20, 30		
54 Other Credits	<ul style="list-style-type: none"> • All core subjects at grade 10 and grade 11 • Work Experience 15, 25 (a maximum of 15 credits can be applied to the High School Diploma and 2 modules, HCS3000 and HCS3010) • RAP 15, 25 • Any core or complementary course not used to meet a specific requirement listed above. 		

Please note: Alberta Education regulations state that any student who has earned credit in a course and wishes to upgrade their mark in the same course will not receive credits for the subsequent attempts.

Certificate of Achievement Requirements - 80 credits

Requirement	TJSHS courses that meet this requirement
English Language Arts	English Language Arts 30-4 or English 20-2
Social Studies	Social Studies 20-4 or Social Studies 10-2
Math	Math 20-4 or Math 10-3
Science	Science 14 or Science 20-4
Physical Education 10	Physical Education 10 (3 or 5 credit)
CALM	CALM
5 credits in 30 Level Knowledge and Employability Occupational courses OR 30 Level CTS courses	<ul style="list-style-type: none"> ● Logistics 35 ● Comm. Tech. 30 ● Cosmetology 30 ● Foods 30 ● Shop 30 ● CTS Combo – 30-level courses
5 credits	Work Experience 35 or 30-level RAP courses
44 Other Credits	

Please note: Alberta Education regulations state that any student who has earned credit in a course and wishes to upgrade their mark in the same course will not receive credits for the subsequent attempts.

Sample Timetable

To assist you in understanding how your course selections fill up your high school timetable for a year, refer to the following table:

- 3 credit course – one block every other day for one semester (MWF or TR)
- 5 credit course – one block every day one semester

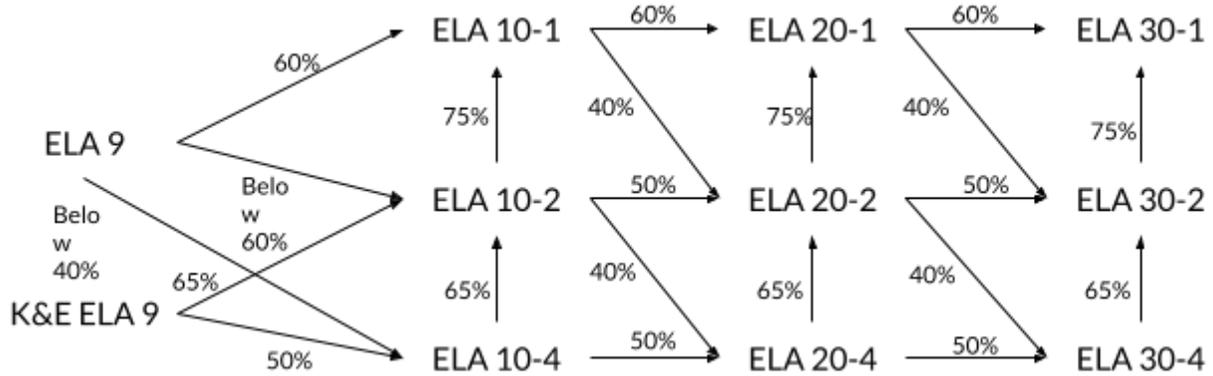
Scheduling Blocks

Scheduling Blocks, which are referenced on the course planners that students fill out each year to select courses, are used to allow students and parents to more clearly understand how our timetabling works for regular classes. For high school, we have four blocks scheduled per day; A 3-credit class is one scheduling block and a 5-credit class is two scheduling blocks. Therefore, a timetable cannot accommodate more than 16 scheduling blocks.

Semester One		Block	Semester Two	
MWF	TR		MWF	TR
5 credit class		1	5 credit class	
5 credit class		2	5 credit class	
3 credit class	3 credit class	3	3 credit class	3 credit class
5 credit class		4	5 credit class	

Semester One		Block	Semester Two	
MWF	TR		MWF	TR
		1		
		2		
		3		
		4		

English Language Arts



The purpose of the high school English program is to assist you in acquiring the skills, attitudes, and knowledge needed to meet the everyday requirements of life. You will communicate confidently and competently, and deepen your understanding and appreciation of literature. English Language Arts courses are required in Grades 10, 11 and 12 and every student must complete English 30-1 or 30-2 to obtain an Alberta High School Diploma.

There are two goals of the high school English Language Arts (ELA) program: to provide you with an understanding and appreciation of a broad range of texts, and to enable you to use language effectively for a multitude of purposes and in a variety of situations. ELA focuses on six areas of language arts: listening, speaking, reading, writing, viewing and representing.

English has two main course sequences. In each course sequence, you can expect to have thought-provoking discussions about a range of genres (including novels, films, short stories, poetry, plays, non-fiction and much more). Both sequences allow students to engage with the English language in meaningful ways and will open many doors down the road. It is important to talk to your counselors to make sure that your chosen course sequence is opening the doors you need.

English 10-1 (5 credits)

Recommended Prerequisite: 60% in Language Arts 9

English 10-1 revolves around how you engage with texts and how you express yourself after you have. Students who take this course sequence will spend much of their time studying, creating and analyzing a variety of complex literary texts.

English 10-2 (5 credits)

Recommended Prerequisite: 40%-60% in Language Arts 9

English 10-2 allows students to improve grammar and sentence-building skills through a variety of assignments in functional, creative and analytical writing. Similar to the -1 course sequence, students will engage with a wide range of texts but there will be less emphasis on literary analysis.

English 20-1 (5 credits)

Recommended Prerequisite: 60% in English 10-1

English 20-1 revolves around how you engage with texts and how you express yourself after you have. Students who take this course sequence will spend much of their time studying, creating and analyzing a variety of complex literary texts.

English 20-2 (5 credits)

Recommended Prerequisite: 50% in English 10-2 or 40% (or greater) in English 10-1

English 20-2 allows students to improve grammar and sentence-building skills through a variety of assignments in functional, creative and analytical writing. Similar to the -1 course sequence, students will engage with a wide range of texts but there will be less emphasis on literary analysis.

English 30-1 (5 credits)

Recommended Prerequisite: 60% in English 20-1

English 30-1 revolves around how you engage with texts and how you express yourself after you have. Students who take this course sequence will spend much of their time studying, creating and analyzing a variety of complex literary texts. *This is a diploma course where students will write a government exam worth 20% of their final mark.*

English 30-2 (5 credits)

Recommended Prerequisite: 50% in English 20-2 or 40% (or greater) in English 20-1

English 30-2 allows you to improve your grammar and sentence-building skills through a variety of assignments in functional, creative and analytical writing. Similar to the -1 course sequence, students will engage with a wide range of texts but there will be less emphasis on literary analysis. Both course sequences meet diploma requirements and require that you write a diploma exam upon completion of the 30 level course. Not all post-secondary institutions accept English 30-2 for entry, so make sure you're familiar with entrance requirements for the institutions and programs you're considering. *This is a diploma course where students will write a government exam worth 20% of their final mark.*

Knowledge and Employability (K&E) English 10-4, 20-4, 30-4 (5 credits each)

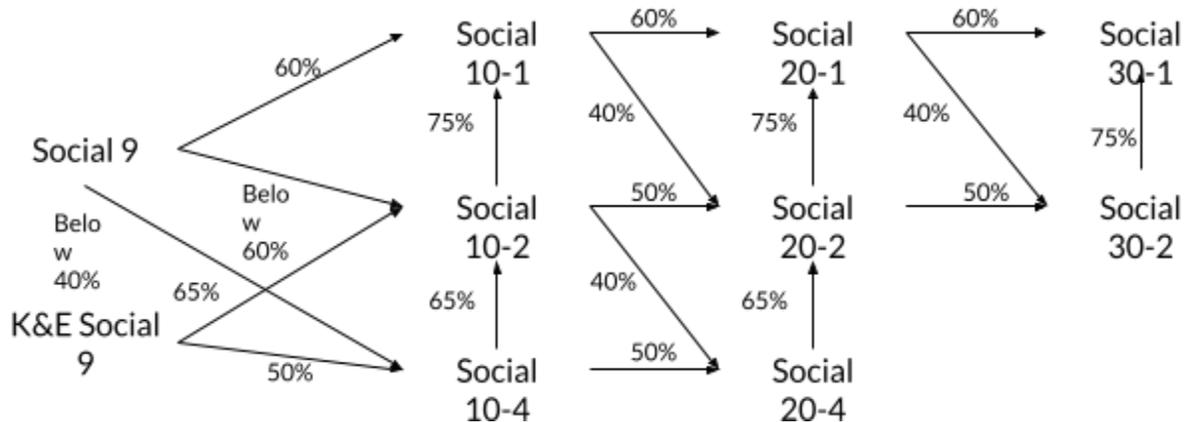
The aim of the English language arts Knowledge & Employability strand is to enable each student to understand and appreciate language and to use it confidently and competently in a variety of situations for communication, personal satisfaction and learning purposes. Knowledge and Employability English Language Arts focuses on developing the basic language competencies needed for everyday living at home, in the community and in the workplace, highlighting six language arts: listening, speaking, reading, writing, viewing and representing.

Students will listen, speak, read, write, view and represent to:

- Explore thoughts, ideas, feelings and experiences.
- Comprehend literature and other texts in oral, print, visual and multimedia forms and respond personally, critically and creatively.
- Manage ideas and information.
- Create oral, print, visual and multimedia texts and enhance the clarity and artistry of communication.
- Respect, support and collaborate with others.

Students who achieve a mark of 65% or better in 10-4, 20-4 or 30-4 may choose to upgrade to the -2 strand if they wish. For example, if a student attains 65% in ELA 10-4, they may upgrade to 10-2. Please refer to the Course Sequencing chart on the previous page for guidelines.

Social Studies



Social Studies 10-1 (5 credits)

Recommended Prerequisite: 60% in Social Studies 9

Perspectives on Globalization - Students will explore multiple perspectives on the origins of globalization and the local, national and international impacts of globalization on lands, cultures, economies, human rights and quality of life. Students will examine the relationships among globalization, citizenship and identity to enhance skills for citizenship in a globalizing world. The infusion of multiple perspectives will allow students to examine the effects of globalization on peoples in Canada and throughout the world, including the impact on Aboriginal and Francophone communities.

Social Studies 10-2 (5 credits)

Recommended Prerequisite: 40%-60% in Social Studies 9 or 65% (or greater) in KAE Social 9

Living in a Globalizing World - Students will explore historical aspects of globalization as well as the effects of globalization on lands, cultures, human rights and quality of life. Students will explore the relationships among globalization, citizenship and identity. The infusion of multiple perspectives will allow students to examine the effects of globalization on peoples in Canada and other locations, including the impact on Aboriginal and Francophone communities. Students will develop skills to respond to issues emerging in an increasingly globalized world.

Social Studies 20-1 (5 credits)

Recommended Prerequisite: 60% in Social Studies 10-1

Students will explore the complexities of nationalism in Canadian and international contexts. They will study the origins of nationalism and the influence of nationalism on regional, international and global relations. The infusions of multiple perspectives will allow students to develop understandings of nationalism and how nationalism contributes to the citizenship and identities of peoples in Canada.

Social Studies 20-2 (5 credits)

Recommended Prerequisite: 50% in Social Studies 10-2 or 40% (or greater) in Social 10-2

Students will understand historical and contemporary understandings of nationalism in Canada and the world. They will explore the origins of nationalism as well as the impacts of nationalism on individuals and communities in Canada and other locations. Examples of nationalism, ultra-nationalism, supra-nationalism and internationalism will be examined from multiple perspectives. Students will develop personal and civic responses to emergent issues related to nationalism.

Social Studies 30-1 (5 credits)

Recommended Prerequisite: 60% in Social Studies 20-1

Students will explore the origins and complexities of ideologies and examine multiple perspectives regarding the principles of classical and modern liberalism. An analysis of various political and economic systems will allow students to assess the viability of the principles of liberalism. Developing understandings of the roles and responsibilities associated with citizenship will encourage students to respond to emergent global issues. *This is a diploma course where students will write a government exam worth 20% of their final mark.*

Social Studies 30-2 (5 credits)

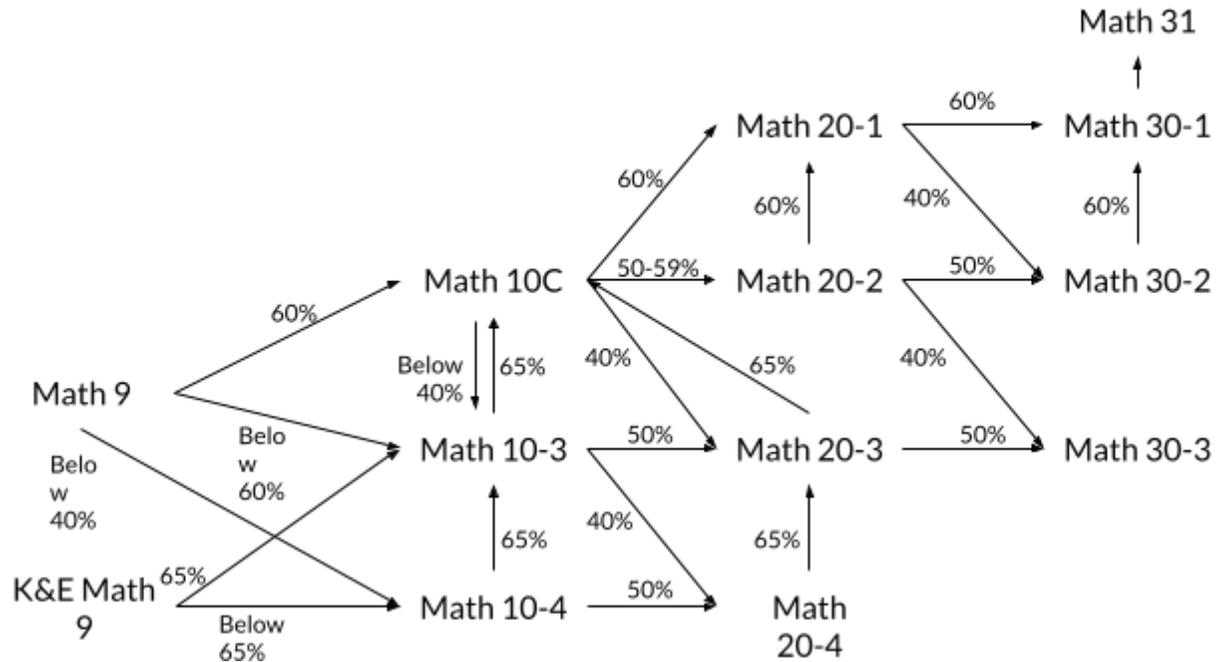
Recommended Prerequisite: 50% in Social Studies 20-2 or 40% (or greater) in Social 20-1

In the first unit, students will acquire an understanding of major political and economic systems. The second unit is a study of the global interaction of nations, how nations are self-interested and how international organizations have been evolving to promote cooperation, peace and humanitarianism. *This is a diploma course where students will write a government exam worth 20% of their final mark.*

Social Studies 10-4, 20-4 (5 credits each)

Learning related to the core concepts of citizenship and identity is achieved through focused content at each grade level. The six strands of social studies reflect the interdisciplinary nature of social studies. The strands are interrelated and constitute the basis for the learning outcomes in the program of studies. The five strands are Time, Continuity and Change; The Land: Places and People; Power, Authority and Decision Making; Economics and Resources; and Global Connections.

Math



Math 10C (5 credits)

Recommended Prerequisite: 60% + in Math 9

Mathematics 10C is the starting point for the -1 and -2 courses (see diagram above). This will allow Math 10C students to postpone choosing a mathematics course sequence until Grade 11. Math 10C also offers students a smoother transition from junior high to high school, as well as, the opportunity to access more resources before making decisions about course sequences. This new math program also offers a greater transferability between sequences if their career or post-secondary goals change. The topics covered include measurement, trigonometry, polynomials, systems of equations, relations and functions, and radicals and exponents.

Math 10-3 (5 credits)

Recommended Prerequisite: 40% - 60% in Math 9 or 50% from Math 20-4

A course focusing on basic mathematical understanding. Major topics that will be covered in this course include measurement, trigonometry, geometry, finance and reasoning, everyday problems, interpreting information and creating new knowledge within the context of the home, the workplace and the community. Mathematics competencies are developed through a problem-solving, experiential approach, using information and activities that directly relate to student's current and future experiences.

Math 20-1 (5 credits) Pre-Calculus

Recommended Prerequisite: 60% in Math 10 Common

This course is the most academic continuation of Math 10 Common. There is a continued emphasis on precise mathematical theory. The approaches are primarily algebraic and graphical. This course is designed for students whose post-secondary studies will focus in the areas of science and/or mathematics.

Math 20-2 (5 credits)

Recommended Prerequisite: 50% - 59% in Math 10C

This program is an academic math program that can be used for entrance into many non-math and science University programs and would be a better choice in some cases for improving a high school student's GPA. Topics include Measurement, Geometry, Logical Reasoning, Statistics, Relations, Functions, and a Mathematical Research Project.

Math 20-3 (5 credits)

Recommended Prerequisite: 50% in Math 10-3 or 40% in Math 10 C

Continuation of Math 10-3. Topics Include Measurement, Geometry, Finance, Linear Algebra and Statistics. This course sequence has been developed for those students who are considering a career in the trades.

Math 30-1 (5 credits)

Recommended Prerequisite: 60% in Math 20-1

Topics include Trigonometry, Relations and Functions, Permutations, Combinations and Binomial Theorem. This course can be used to gain entry into math, science, engineering, and finance programs in university. Check program requirements to ensure requirements are fulfilled. *This is a diploma course where students will write a government exam worth 20% of their final mark.*

Math 30-2 (5 credits)

Recommended Prerequisite: 50% in Math 20-2 or 40% in Math 20-1

Continuation of Math 20-2. Topics include Logical Reasoning, Probability, Relations and Functions, and a Mathematical Research Project. This course can be used to gain entry into non-math and science courses in university. Check program requirements to ensure requirements are fulfilled. *This is a diploma course where students will write a government exam worth 20% of their final mark.*

Math 30-3 (5 credits)

Recommended Prerequisite: 50% in Math 20-3 recommended or 40% in Math 20-1 or Math 20-2

Continuation of Math 20-3. Topics include Measurement, Geometry, Algebra, Statistics, and Probability. This course sequence has been developed for those students who are considering a career in trades. There is no diploma exam for this course.

Math 31 (5 credits)

Co-requisite: Math 30-1

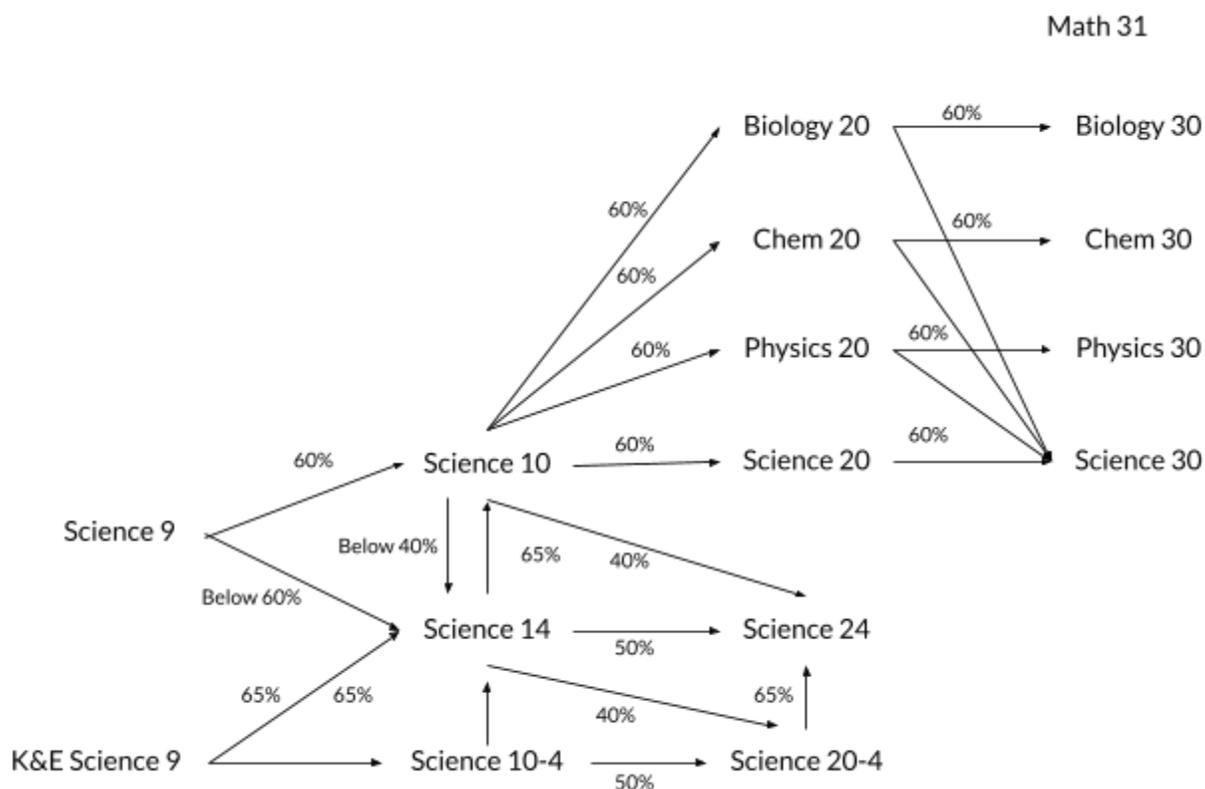
Math 31 teaches the mathematics of Calculus. Students apply all previously learned algebraic skills to the topics of limits, derivatives and integrals. The course is intended for students who will be entering post-secondary routes that involve mathematics and the sciences. There is no diploma exam for this course.

Knowledge & Employability - Math 10-4 and 20-4 (5 credits each)

Knowledge and Employability Mathematics courses focus on developing essential mathematics knowledge, skills and attitudes needed for everyday living at home, in the workplace and in the community. This sequence is designed for students whose needs, interests and abilities focus on basic mathematic understanding (e.g. literacy). Emphasis is on the acquisition of practical life skills and competency in using mathematics to solve everyday problems, interpret information and create new knowledge within the context of the home, the workplace and the community.

Mathematics competencies are developed through a problem-solving, experiential approach, using information and activities that directly relate to student's current and future experiences. Knowledge and Employability mathematics courses emphasize career/life skills, teamwork, communication skills and thinking processes.

Sciences



Science 10 (5 credits)

Recommended Prerequisite: 60% + in Science 9 and registration in Math 10C

Science 10 is an academic course with biology, chemistry, physics and climate change units. This is the foundation for progression through all science courses at the 20 and 30 levels.

Science 14 (5 credits)

Recommended Prerequisite: Less than 60% in Science 9- recommended

General stream, activity based modules covering basic biological, chemical and physical principles.

Science 20 (5 credits)

Recommended Prerequisite: 60% in both Science 10 and Math 10C

Science 20 is a challenging multi-disciplinary course that consists of four units of study: chemical changes (chemistry), changes in motion (physics), the changing Earth (Earth science) and changes in living systems (biology).

Science 24 (5 credits)

Recommended Prerequisite: 50% in Science 14 or 40% (or greater) in Science 10

General stream, activity based modules covering basic biological, chemical and physical principles.

Biology 20 (5 credits)

Recommended Prerequisite: 60% in Science 10

Biology 20 is an introductory study of living systems. Topics include energy and matter exchange in the biosphere, ecosystems and population change, photosynthesis and cellular respiration and five human systems (digestive, excretory, respiratory, motor and circulatory systems).

Chemistry 20 (5 credits) (available in 2025-2026)

Recommended Prerequisite: 60% in both Science 10 and Math 10C

Chemistry 20 is an introductory course with a focus on the study of chemical bonding, solutions, acids and bases, gaseous systems, and quantitative relationships in chemical reactions. Emphasis is placed on the scientific process.

Physics 20 (5 credits) (available in 2026-2027)

Recommended Prerequisite: 60% in Science 10 and 60% in Math 10C

The Physics 20 course is an academic course that investigates the motion of objects and explains why they move. In addition to expanding the content covered in Science 10, students will develop and utilize vector notation, net force equations, circular motion, field theory and mechanical waves. Physics 20 requires a strong math background as concepts are developed with corresponding equations that are used to solve problems.

Science 30 (5 credits)

Recommended Prerequisite: 60% in Science 20 or 50% in Biology, Chemistry or Physics 20 AND 60% in Math 20-1 or Math 20-2

Science 30 is an academic multidisciplinary science covering topics in biology (circulatory system and genetics), environmental chemistry (pollutants and organic chemistry), physics (electricity and astronomy) and energy production technologies. Science 30 can be counted as a 30-level science for many post-secondary programs. *This is a diploma course where students will write a government exam worth 20% of their final mark.*

Biology 30 (5 credits)

Recommended Prerequisite: 60% in Biology 20

Biology 30 is an academic course with continued in-depth study of physiological systems (nervous, endocrine and reproductive systems), genetics and population ecology. *This is a diploma course where students will write a government exam worth 20% of their final mark.*

Chemistry 30 (5 credits) (available in 2027-2028)

Recommended Prerequisite: 60% in both Chemistry 20 and Math 20-1

Chemistry 30 is an academic course with a focus on organic chemistry, thermochemical changes, electrochemistry and equilibrium of acid and base systems. Scientific and technological knowledge is integrated with societal issues and there is an emphasis on communication skills. *This is a diploma course where students will write a government exam worth 20% of their final mark.*

Physics 30 (5 credits) (available in 2026-2027)

Recommended Prerequisite: 60% in both Physics 20 and Math 20-1

Physics 30 is an academic course that investigates the fundamental forces of the universe. The concepts of vector notation, net force, circular motion and energy from the physics 20 course are applied to the concepts of momentum, electricity and magnetism. This course also develops the concepts of electromagnetic radiation, nuclear reactions and particle physics. Physics 30 requires a strong math background as concepts are developed with corresponding equations that are used to solve problems. *This is a diploma course where students will write a government exam worth 20% of their final mark.*

Knowledge & Employability Sciences

Knowledge and Employability Science provides basic science literacy and promotes awareness, understanding and the development and application of science skills, knowledge and attitudes for successful living at home, in the workplace and the community.

Science 10-4 (5 credits)

Less than 40% in Science 9- recommended

The key concepts covered in Science 10-4 are Investigating Properties of Matter; Understanding Energy Transfer Technologies; Investigating Matter and Energy in Living Systems; and Investigating Matter and Energy in Environmental Systems.

Science 20-4 (5 credits)

The key concepts covered in Science 20-4 are Applications of Matter and Chemical Change; Understanding Common Energy Conversion Systems; Disease Defense and Human Health; and Motion, Change and Transportation Safety.

Physical Education and CALM

Physical Education 10 (3 credits) - Requirement for graduation

Students will continue the development of individual skills and fitness levels in athletics. A greater emphasis is placed upon pursuing an active lifestyle.

Physical Education 20/30 (3 or 5 credits for 20 and 5 credits for 30)

Phys. Ed. 20 and 30 emphasize dual and individual activities that can be pursued throughout adult life. Some off-campus activities will require students to arrive early at school, give up their lunch hour or arrive back at school after regular bell times.

CALM (3 credits) - Requirement for graduation

The Career and Life Management course consists of three main units: Careers and the World of Work, Independent Living, and Well-Being (including sexuality whereby parents must opt in).

Complementary Courses

Note: All complementary classes are scheduled every second day regardless of credits awarded; the sole exception is French 10, which is for five credits. Grade 10's must pick their top eight choices. Grade 11's their top four. Grade 12's may select what they require.

Fine & Performing Arts

Art 10/20 (3 credits)

Fee: \$15

Art 10/20 (5 credits)

Fee: \$25

- Art 10 focuses on developing the skills to see, record and creatively express the world around you. There is an emphasis on skill development combined with creative expression.
- In Art 20, students learn to express ideas in greater depth, detail, and precision. In Art 20, there is a greater opportunity for self-expression and work in preferred media.

Art 30 (5 credits)

Fee: \$45

In Art 30, the student will focus on developing expertise and personal voice. There is a greater emphasis on developing personal style. If desired, students will prepare a portfolio that may be used for post-secondary programs or potential employers

Art 31 (5 credits)

Fee: \$45

In Art 31, the student will investigate the function, creation and appreciation of art. The course will be a combination of a rigorous and largely self-directed studio practice, in addition to researching contemporary art and the systems and structures around it. This is a course for the serious art student interested in advancing their skills and knowledge. Co-requisite: Art 30

Drama 10 (3 credits)

Fee: \$15

Drama fosters positive self-concepts by encouraging students to explore life through assuming roles and acquiring dramatic skills. The imaginative exploration involves setting up and acting out dramatic situations, communicating within those situations, and reflecting on the consequences. It is this reflection that provides the knowledge for self-development.

General Music (3 credits)

Fee: \$25

Learn or build on the basic skills of playing guitar. Students can expect to build on the areas of playing, reading music, and the history of music.

Second Languages

French as a Second Language 10 (5 credits)

No Fee

This course is designed for beginner French students. Students will learn the French language as well as learning about French culture and will also gain an awareness of where French is spoken in Alberta and in Canada. Project work and hands-on activities will allow students to practice the language in context.

Career and Technology Studies

Computer Science 10/20 (3 credits)

Fee: \$15

Computer Science 30 (3 credits)

Fee: \$27

The focus of this course is to prepare students for the technology infused workforce of the 21st century. First-year students will work on coding in the Python language, along with Photoshop and Illustrator components.

Computer Programming (3 credits)

Fee: \$15

Students explore hardware, software and processes, including an introduction to the algorithm as a problem-solving tool, to programming languages in general and to the role of programming as a tool for implementing algorithms. Students write simple structured algorithms and programs that input, process and output data, use some of the more basic operators and data types, and follow a sequential flow of control. Students then add the selection and iteration program control flow mechanisms to their programming repertoire. Students use blocks to introduce an element of modularity into their programming practice.

Cosmetology (minimum 3 credits)

Fee: \$55

Students will be introduced to the basics of hair styles, skin care, manicuring and theatrical make-up. COS1010 must be completed before other modules are attempted.

In subsequent years, the student will improve on skills previously learned. This will include hair styling, facials, manicuring, etc. They will be tested on both theory and practical aspects of these skills. Students will also be introduced to client services. Intermediate skills in hair cutting, styling, perming and coloring are developed. At the 30-level, students develop advanced skills in all areas of cosmetology through client services. They are tested on both theory and practical work.

CTS Combo (5 credits minimum)

No Fee

A comprehensive, attendance based, **self-paced** module option that allows students to earn credits in CTS areas of interest with the help of a facilitator. Students will complete modules of their choosing in the following areas: Information Processing, Fashion, Financial Management, Marketing, Business, Learning Strategies, Legal Studies, Agriculture, and Tourism related topics. Credits will be awarded based on completion of module assignments and a minimum number of class periods attended per credit. *Note: This is open to grade 11 and 12 students only.*

Film and Media Art 15 (3 credits)

No Fee

Film and Media Art is the exploration of film and media art as an artistic form of expression; students will both study film to learn about the art of film and apply their knowledge to the creation of a short film. Students will engage in deepening their knowledge of film through the authentic exploration of the medium. Film and Media Art creates the environment through which students engage and explore contemporary and historical art forms, and create art that integrates narrative, technical and artistic elements.

Foods (3 credits)

Fee: \$55

Introductory level students will work through a series of FOD modules (1010, 1020, 1030 and 1050). These modules will introduce you to food and kitchen safety as well as learning to create baking, snacks and appetizers, and fast/convenient foods. In this course, you will learn how to read and decipher recipes, safe food handling methods, equipment care and the benefits of planning and organization in the kitchen.

Intermediate-level students will work through a series of more specific FOD modules. Modules will focus on cakes and pastries, bread products, grains, legumes, pulses, nuts & seeds, and international cuisine. Additionally, one module explores the food/energy equation; the module discusses how food choices can improve energy and be used to balance a healthy lifestyle.

Advanced level students will work through several advanced modules (3010, 3020, 3030, 3060, 3120, 3130, 3160), which are designed to provide you with skills for food-related career paths. Modules will include learning how nutrition requirements change throughout life stages, nutrition and digestion, creative baking (specialty cakes and pastries), food presentation and food entrepreneurship. Through these modules, you will learn how to specialize your skills to prepare for food-related careers requiring knowledge and proficiency in food safety as well as creative flair. You will explore social and regional factors influencing food consumption and production, research the history of food as a symbol of culture and learn to adapt menus based on regional preferences.

Thorsby Junior Senior High Registration Handbook

Industrial Arts (3 credits)

Fee: \$65

In Construction Technology, students learn how to safely transform common wood materials into useful products, and gain knowledge in all areas of carpentry and construction. Students will be able to design or adapt plans for projects, and build them using proper construction techniques. Students are able to take all projects home after completion.

Leadership 15 (3 credits)

Fee: \$20

This course challenges students to become mentors and leaders in their community while improving their speaking and presenting skills. Students will complete three courses from human and social services: HSS1050 (Introduction to Mentorship), HSS1080 (Leadership Fundamentals) and HSS1090 (Speaking and Presenting).

Sports Sciences

Introduction to Sports Medicine

Fee: \$75

Prerequisite: HSS1010 (this can be completed in your grade 10 year during mandatory CTS Combo)

This course consists of three modules that introduce the learner to the world of Sports Medicine. Musculoskeletal system HCS 1050, Injury Management 1 REC1020, Technical Foundations for Injury Management REC1030. Students will learn about the musculoskeletal system and common injuries that can happen during sports. Students will explore the role of an athletic therapist and first aider including various injury management techniques.

Sports Performance: Development Year (3 credits)

Fee: \$16.50

Next offering: 2026-2027

This course consists of the following modules: REC 2060: Leadership in Recreation & Sport, REC 2015 Athletic Development, REC 3140: Sport & Society. Students will examine the Long-Term Athlete Development model and related principles of athletic skill development. This will include learning basic skill and development principles for teaching recreation activities and foundational movement concepts for children and youth. Students will examine the structure and function of community, amateur, and professional sport organizations and their impact on society.

Sports Performance: Training Year (3 credits)

Fee: \$16.50

Next offering: 2027-2028

This course is a competitive, sport-based fitness class. Come train for your sport while learning training principles, sports nutrition and alternate training activities for optimum performance. Students will make use of the Thorsby Rec Centre as well as the gymnasium. Credits sh
Some of the credits students may complete include REC1040 Foundations for Training 1, REC1045 Group Exercise Trends, and REC2040 Foundations for Training 2.

Thorsby Junior Senior High Registration Handbook

Sports Performance: Coaching Year (3 credits)

Fee: \$16.50

Next offering: 2028-2029

This course consists of the following modules: 2120 Coaching 1, REC 3120 Coaching 2, REC 3130 Officiating. This course is a competitive, sport-based fitness class. With a focus on learning basic coaching and officiating skills common to all sports in the area of planning and delivering practice, rules, teaching and learning. Students will gain hands-on experience and be able to demonstrate their roles and responsibilities in sport specific scenarios.

Other Complementary Courses

Creative Writing 15 (3 credits)

No Fee

This is a creative writing course designed for students who wish to concentrate on various forms of creative writing. Through lecture, lyric and poetry analysis, collaborative discussion, music, writing exercises, and critiques of student writing in a workshop mode, the student will examine critically the elements of literary creation, while being given the time, tools, and opportunity to write in a creative, fun and cathartic capacity. The students will keep a journal and prepare a portfolio of their work. Each student will select a portfolio piece for an online publication.

Forensic Science 25 (3 credits + 2 CTS credits)

No Fee

Prerequisite: Completion of Science 10 or Science 14

Forensic Science 35 (3 credits + 2 CTS credits)

No Fee

Prerequisite: Forensics 25

Forensic science is the study and use of basic scientific concepts and technologies related to solving crime. Through the study of forensic science techniques, students are given the opportunity to explore and further understand how basic scientific concepts apply specifically to this specific field of study.

A central component of the course involves the analysis of realistic scenarios and case studies. The course has some controversial or sensitive components including: blood photographs and simulated blood experiments, discussion of semen analysis and the use of rape kits, examination of alcohol and substance abuse. *Note: Please do not enroll if you find these topics objectionable or offensive.*

General Psychology (3 credits)

No Fee

Ever wondered why people act the way they do? In this 3-credit General Psychology course, you will explore the fascinating science behind thoughts, emotions, and behavior. From how the brain works, to what shapes personality, and mental health, students will use real-life examples, discussions, and activities to better understand themselves and others.

Thorsby Junior Senior High Registration Handbook

Mentorship & Volunteering (1-4 credits)

No Fee

This course provides students with the opportunity to develop leadership skills, gain hands-on experience in mentorship, and contribute positively to their community through volunteering. Students will engage in meaningful service-learning experiences by mentoring younger peers, supporting community organizations, and participating in projects that address local needs.

Through guided reflection and practical application, students will enhance their communication, teamwork, and problem-solving abilities while fostering empathy and social responsibility. The course may include placements in schools, non-profits, and other community-based programs.

Yoga 15/25/35 (3 credits)

No Fee

Students work on an assortment of poses, learning their names, proper alignment and therapeutic benefits and contraindications. Students should expect to increase their strength, stamina, endurance, mindfulness and flexibility.

Off-Campus: Calmar Collegiate

CALMAR SECONDARY COLLEGIATE SCHOOL

TRADES PATHWAY PROGRAMS

Explore Careers in the Skilled Trades



Electrical | Carpentry | Pipe Trades

Gain hands-on experience, industry exposure, and a pathway toward apprenticeship training while completing high school.

Trades Exploration 10

Grade 10 Program

- ✓ Industry field trips
- ✓ Hands-on activities
- ✓ Career exploration
- ✓ Pre-trip learning modules

Ideal for:

- ✓ Interested Grade 10 students
- ✓ Limited seats available

Trades Skills 20

Grade 11 Program

- ✓ Foundations of Industry Safety
- ✓ Pre-Apprenticeship prep
- ✓ On track for graduation
- ✓ PPE & materials costs

For:

- ✓ Committed Grade 11 students

Period 1 Trades Training 30

Grade 12 Program

- ✓ Full-day 60-Day Training
- ✓ AIT Exam preparation
- ✓ 65% program average
- ✓ Apprenticeship pathways

For:

- ✓ Serious Grade 12 students

Student Expectations

- ✓ Regular attendance
- ✓ Active participation
- ✓ Program materials (-9250)
- ✓ Active participation
- ✓ Complete assignments
- ✓ Strong work ethic
- ✓ Safety awareness

Interested in the Trades Pathway?

Speak with your *school counselor* or *administration* to learn more!



Off-Campus: Calmar Collegiate

Year 1 (Grade 10) - Trades Exploration 10

Students will complete a full grade ten academic program while having the opportunity to explore our three trade foci through several trade trips throughout the year. Prior to these trips, students will be required to complete learning modules in order to prepare them for trips to partner shops in Edmonton. During these hands-on activity days, students will be able to engage in career exploration in industry-standard shops with ticketed instructors.

[Detailed Student Entry Requirements Trade Exploration 10](#)

Year 2 (Grade 11) - Trades Skills 20

In grade eleven, we will focus on preparing students to explore employment within the Registered Apprenticeship Program. Students will work within the Collegiate Shop in one of the semesters of the year. During this time frame, students will receive instruction from ticketed instructors and will spend equal time in the semester in each of the three trades. This experience will give students an excellent basis for determining an eventual focus area in one of the trades in their grade twelve year. This program will also provide students with skills that will help them as they enter the workforce.

[Detailed Student Entry Requirements Trade Skills 20](#)

Year 3 (Grade 12) - Period 1 Trades Training 30

During this phase of Collegiate programming, students will have the opportunity to enter into a 60-day program in one of the three trade foci, culminating in the writing of their AIT exam, which provides students with their first year technical training certification. This program will be delivered by Red Seal Journeypersons. The completion of this training allows students to enter the workforce following High School and work for the equivalent of two apprenticeship years instead of returning to school after one year of equivalent hours. This training will also provide a strong base of skills and knowledge that is attractive to future employers.

Calmar's first offering within the Collegiate realm is a unique opportunity for students to receive post-secondary level instruction within a secondary school. While the intent of this program is to support those individuals wanting to enter into the trades, all those who access level one and two programming will leave with an excellent understanding of all three interrelated trades that will benefit them as they prepare for their lives after high school.

[Detailed Student Entry Requirements Trades Training 30](#)

If you are interested in further information on Collegiate Programming, please stay up to date via [their website](#).

Off-Campus: Registered Apprenticeship Program (RAP)

The Registered Apprenticeship Program (RAP) provides the opportunity for students to earn senior high school credits toward an Alberta High School Diploma or a Certificate of High School Achievement, while simultaneously gaining Experience Hours that can be applied toward an apprenticeship while still in senior high school.

- You can earn up to a maximum of 40 credits towards a high school diploma in the RAP program
- Education through an apprenticeship in the trades IS post-secondary education
- Once registered the student receives their Blue Book to log their Experience Hours. As a RAP student you can earn a salary for the 1000 hours + you will need for your Experience Hours
- RAP offers an enriched, real world applicable, high school education
- A RAP apprentice gets a realistic look at what it takes to be a journey person and learns employability skills that would be applicable to any job

Prerequisites/Recommended Credits

- Minimum 15 years of age or older
- **HCS3000 Workplace Safety Systems (1 credit)**– prerequisite course for the first off-campus learning experience
- **HCS3010 Workplace Safety Practices (1 credit)**– recommended co-requisite course for students enrolling in the Registered Apprenticeship Program (RAP)

What are the entrance requirements?

- Good academic standing, particularly in Math, Science and English
- Excellent attendance at school, good citizenship and attitude

RAP Placement

How do I find a RAP Placement?

- Speak to your Off-Campus Coordinator (Miss Powlik) for assistance with your resume and cover letter
- Apply to Careers: The Next Generation
- Speak to friends and family that are certified journeypeople

How much time does a RAP apprentice spend on the job?

The employer, the student/parent, and the school determine the hours of work for each grade level the student is in. Employers and schools work together to create a timeline that is in the best interest of the student.

Off Campus: Work Experience & Green Certificate

Work Experience 15, 25, 35 (3 to 10 credits per level - 15 credit maximum can be applied to the High School Diploma)

Prerequisite: Workplace Safety Systems HCS3000 & Approval of Site

Work Experience provides students with the opportunity to explore possible career options, learn related job skills, develop appropriate work-related attitudes and develop responsibility. Students can earn one credit for each 25 hours worked with a minimum 3 credits per semester. A maximum of 15 credits for work experience can be counted towards a high school diploma.

Work placement and site inspection must be approved. This includes accounting for the job location, type of work, student supervision and safety. Work Experience can be done Monday through Sunday from 7:00 am to 10:00 pm. It is suggested that students work approximately 8-10 hours a week in order to complete the hours within three to four months. The employer and the work experience coordinator will conduct evaluations. Students must sign up for work experience at the beginning of each semester on a first come-first served basis and are encouraged to have already secured a job. See Miss Powlik for more information.

Green Certificate

Prerequisite: Agriculture Safety AGR3000 & Approval of Site

The Green Certificate Program provides students with opportunities to enter a variety of agriculture-related, structured learning pathways as a part of their senior high school program and to earn up to 16 credits and a credential leading to a career in agribusiness.

Students learn on the job, under the direction of experienced farm personnel and under the supervision and administration of Alberta Agriculture and Forestry (AF) and Alberta Education. Students (trainees) select one of the specializations and under the guidance of their trainer, work towards mastering all skills within their training program: Beekeeper, Cow calf beef, Dairy, Equine, Feedlot beef, Field crop, Greenhouse, Irrigated field crop, Poultry, Sheep, & Swine production.

Participants must be at least 15 years of age. There is no deadline for applications. High-school students may register throughout the year. See Miss Powlik for more information.

Advanced Post-Secondary Credit: Dual Credit Courses

Dual Credit

As part of our commitment to *Inspire Success* in our students, Black Gold School Division (BGSD) offers a program which provides a dual credit opportunity to BGSD high school students. Through this program, students will earn college/university credits from a post-secondary institution *and* high school credits from their school by completing college-level coursework. This program is in partnership with Black Gold School Division, Lakeland College, Olds College, Portage College, Northern Lakes College, Southern Alberta Institute of Technology (SAIT) and Alberta Education. See Mrs. Hrytsak for more information.

Click here for a short video explaining more about Dual Credit! <https://bit.ly/3Cw5oBp>

Explore the course options here: [Dual Credit Handbook 2025-2026](#)

Note: additional courses may be offered in the next school year.

Link will be updated in May.