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NORTH TRAIL HIGH SCHOOL



2025-2026 Complementary Course Guide

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Advanced Placement Course Progressions at NTHS

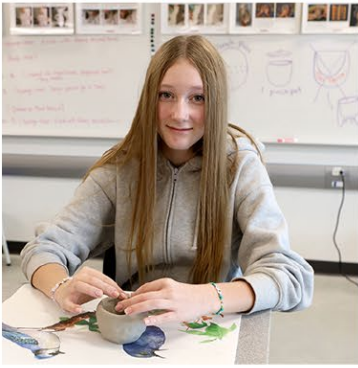


Grade 9	Grade 10		Grade 11		Grade 12		AP Exam
	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2	
Science	Science 10				Chemistry 20	Chemistry 30AP Chemistry 35	AP Chemistry
			Biology 20	Biology 30AP Biology 35			AP Biology
					Physics 20	Physics 30AP Physics 35	AP Physics 1
Math	Math 10-C		Math 20-1 (semester 1 or 2)		Math 30-1	Math 31AP	AP Calculus AB
English Language Arts	ELA 10-1		ELA 20-1			ELA 30-1 AP	AP English Literature & Composition
Social Studies	SS 10-1		SS 20-1			SS 30-1AP European History	AP European History
French Language	FSL 10		FSL 20			FSL 30 AP	AP French Language and Culture
Spanish Language	SLA 10		SLA 20			SLA 30 AP	AP Spanish Language and Culture
Art and Design	Art and Design 10		Art and Design 20		Art & Design 30AP	Submit portfolio (instead of exam)	One of: AP Studio Art... 2D Art & Design 3D Art & Design Drawing
Computer Science	Comp Science 10		Comp Science 20			Computer Science 30	AP Computer Science A

Note: The darker shaded sections are related to Advanced Placement content.

Notes:

- Classes that are highlighted are AP cohorts.
- AP exams are always in early to mid-May, dates set by the College Board.
- There is an AP exam fee which must be paid for by the student prior to the exam being ordered.
- If a student takes both Social Studies and English Language Advanced Placement streams, Social Studies can be completed in grade 11.
- Students cannot join a science AP cohort only for semester 2, after completing a non-cohorted 20 level science class.



Advanced Placement Courses

These courses give students the opportunity to engage in one or more areas of study of their choice and in greater depth. Students will be in classes with keen peers where inquiry learning, elevated discussions, and an increased depth of understanding are common.

Course marks will reflect the outcomes mastered from the Alberta Education Programs of Study. This means that students will not have a lower mark because they choose to engage in a more advanced course. Instead, students will gain experience with university level content and textbook with the guidance of a high school teacher.

Students will be tested on the AP content during an AP exam or they need to submit a portfolio (see table above). Depending on their level of achievement and the post-secondary place of study, they will be able to receive credit for a university or college level class.

Students are responsible for paying the Advanced Placement Exam or Portfolio Assessment fee as these courses are optional enrichment and not required for a High School Diploma.

Advanced Placement courses are offered by the College Board. This website is useful for some further information. <https://apstudents.collegeboard.org/>

Make sure to scroll down for information regarding how to pick AP courses and why you may wish to take AP courses and their brief descriptions.

Advanced Placement Biology

Prerequisite: Science 10, >80% and teacher recommendation

The Biology Advanced Placement student will spend one whole year in Biology AP in a cohort of students. During that time, they will cover Biology 20, Biology 30, and Biology AP. Mostly, students take this class in Grade 12, even though they may take Biology AP in grade 11 as well. This keen group of students will experience an enriched biology-centred program and earn 13 credits during the school year.

Lab work will make up approximately 25% of this course. Field trips, a university textbook and speakers will round out the program. At the end of semester 2, students will write the AP exam in May and the Biology 30 Diploma Exam in June. Students who score a 4 or 5 out of 5 on their AP exam will be able to receive university credit for this course. The specific regulations vary from university to university and the appropriate registration guide needs to be consulted.

Biology 20, Biology 30, Biology 35 – cohort during 2 semesters – 13 credits



Advanced Placement Chemistry

Science 10, Math 20-1 >80% and teacher recommendation

Students spend their Chemistry AP journey in a cohort of students in their grade 11 year with Chemistry 20, Chemistry 30, and Chemistry AP. The sequence of courses is a sheltered and accelerated experience where like-minded students enjoy challenging themselves in an enriched learning environment. Students will cover the Chemistry 20 and 30 curricula as well as advanced placement topics. Advanced placement topics include Solubility Equilibrium, Free Energy and Entropy as well as enriched topics in Acid and Base Chemistry and Electrochemistry.

These courses supplement the Alberta Chemistry 20/30 curriculum with topics from a first-year university level inorganic chemistry course. Students will build upon their knowledge of topics from Chemistry 20 and 30 for a deeper understanding of chemical processes and the structure of matter. Should they receive a score of 4 or 5, out of 5 they will be eligible to receive university credit at most universities in Canada and the USA. Students with heavy pre-existing extracurricular or academic loads are not recommended to take Chemistry AP. Students will write the Chemistry AP exam in mid-May and the Chemistry 30 Diploma in June.

Chemistry 20, Chemistry 30, Chemistry 35 – cohort during 2 semesters – 13 credits

Advanced Placement Physics

Students will spend semesters 1 and 2 during their grade 12 year in an algebra-based physics course covering Physics 20, Physics 30, and AP Physics 1 (equivalent of university-level physics courses). AP content is integrated into Physics 20 and 30 curricula.

Most concepts are covered at an equivalent level but some content is covered at greater depth and breadth compared to non-AP courses. The AP course covers all of the Alberta Physics curriculum as well as a unit on Rotational Motion (which is an extension of Momentum and Impulse) as well as a stand-alone unit regarding Fluids.

Students then complete the Physics 1 AP exam in early May and their Physics 30 Diploma exam in June.

Physics 20, Physics 30, Physics 35- cohort during 2 semester- 13 credits

Advanced Placement Math

Prerequisite: Math 10-C

This course sequence (Math 10-C, 20-1, 30-1) is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into post-secondary programs that require the study of calculus (for example: Engineering, Mathematics, Science and Business). In addition, in AP, students will cover all of the outcomes of the regular course. We will also enrich many of the specific outcomes with a focus on a level of excellence. In addition, we will add other mathematical topics meant to enhance learning and provide students with an appropriate and enjoyable mathematical challenge. The course sequence will conclude with Math 31AP which will cover the calculus topics of Alberta Education and those of the Advanced Placement component.



Students will write their Math 30-1 Diploma Exam in January and the Mathematics Advanced Placement Exam in early May of their grade 12 year.

Advanced Placement English 20-1/30-1AP

Prerequisite: ELA 10-1, >80% and teacher recommendation

Starting with English 10-1 and 20-1, students should appreciate literature not only for its meaning but also because it is personally gratifying. They should recognize and enjoy structure, style, archetypes and themes, as well as such smaller-scale elements as the use of figurative language, imagery, symbolism, syntax, and tone. Students will experience, interpret and evaluate poetry, short fiction, novel, drama and non-fiction essays. This includes literature from British, Canadian, American, and international writers, as well as works written from the 16th century to contemporary times.

“By the time students complete ELA 30-1 AP (which includes both English 30-1 and English Literature and Composition AP), students will write their ELA 30-1 Alberta Education Diploma Exam, and they will also be prepared to write the AP exam in early May. The AP exam includes both multiple choice and three critical, analytical, written responses.”



Advanced Placement Social Studies 20-1/30-1AP

Prerequisite: Social Studies 10-1 >80% and teacher recommendation

This series of Advanced Placement courses allows students the opportunity to explore the history of Europe in greater depth. Students will examine the cultural, diplomatic, economic, intellectual, political and social history of Europe from 1450 to the present. There will also be a focus on how this history relates to today's world. Topics include the Renaissance, the French Revolution, the Enlightenment, the World Wars, and many more. Skills including historical interpretation, research and document analysis will be incorporated. Students will improve their critical thinking skills and broaden their perspective on the world.



Students will demonstrate their knowledge with both multiple choice and written response questions on the AP exam in early May. Students will also complete the Alberta Education Diploma Exam in June.

Advanced Placement French Language and Culture

Prerequisite: FSL 20, >80% and teacher recommendation

AP French Language and Francophone Culture is equivalent to an intermediate level college course in French. Students cultivate their understanding of French language and culture by applying interpersonal, interpretive, and presentational modes of communication in real-life situations as they explore concepts related



to family and community, personal and public identity, beauty and aesthetics, science and technology, contemporary life, and global challenges. This course is taught almost exclusively in French. Students who wish to take this course must have completed and excelled at French 20.

Students will write their Advanced Placement exam in early May. The exam consists of multiple choice and free response questions.

Advanced Placement Spanish Language and Culture

Prerequisite: SLC 20 and teacher recommendation

AP Spanish Language and Culture is equivalent to an intermediate level college course in Spanish. Students cultivate their understanding of the Spanish language and Hispanic cultures by applying interpersonal, interpretive, and presentational modes of communication in real-life situations as they explore concepts related to family and community, personal and public identity, beauty and aesthetics, science and technology, contemporary life, and global challenges. This course is taught almost exclusively in Spanish and occurs through individualized study and with teacher support during tutorials. Students who wish to take this course must have completed and excelled at Spanish 20.

Students will write their Advanced Placement exam in early May. The exam consists of multiple choice and free response questions.

Advanced Placement Art and Design 30AP

Prerequisite: Art 20

This course is offered alongside Art 30 and is designed for students who have a genuine passion and commitment to the visual arts. In this class, students will create an AP Art portfolio, focusing on process, exploration, and completed works. By the end of the course, students will submit a portfolio that meets the AP Art submission guidelines.

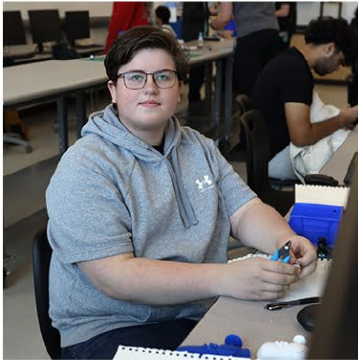
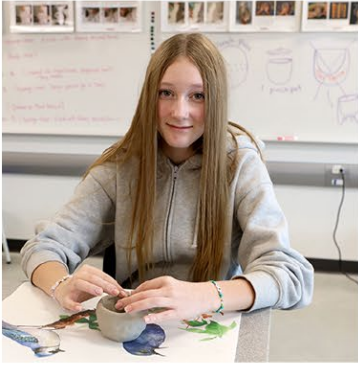
The course encourages continuous experimentation as students work to develop their unique artistic style. Mastery of key concepts, composition, execution, and a variety of art mediums, including mixed media, is an important goal. Through a personal sketchbook, students will track their artistic journey and daily exploration. A key focus of the course is helping students find and develop their individual voice. Students will learn that creating art is an ongoing process that involves personal choices and growth. They will also discover that creating meaningful artwork requires embracing experimentation, taking risks, and engaging in research to achieve quality in concept, composition, and execution.

To enroll in this course, students must have a grade of 90% or higher in Art 20, along with a teacher's recommendation.

Advanced Placement Computer Science

Prerequisite: Computer Science Intermediate

Students who take Computer Science introductory, intermediate, and advanced will cover, with the Alberta Curriculum, most of the needed outcomes to be able to successfully write the AP Computer Science A exam. This option will be offered to students in Computer Science Advanced. These students will also have access to the College Board webpages regarding computer science to assist in their exam preparation. The AP exam will take place in early May.



Global Studies & Second Languages

Aboriginal Studies 10

Credits: 5

Prerequisite: None

The course is based on perspectives and world views of Aboriginal peoples. It includes the study of traditions and history of Aboriginal peoples in Canada, and particularly in Alberta. Student learning outcomes provide opportunities to examine such topics as governmental structures, literature, the arts and the sciences. There are four themes in Aboriginal Studies 10:

- Origin and Settlement Patterns
- Aboriginal World Views
- Political and Economic Organization
- Aboriginal Symbolism and Expression

Aboriginal Studies 20

Credits: 5

Prerequisite: Aboriginal Studies 10

The course focuses on indigenous people from a Canadian and Alberta perspective. It includes the study of policies, legislation, conflict and cultural change. There are four themes in Aboriginal Studies 20:

- The Métis: Conflict and Cultural Change
- Treaties and Cultural Change
- Legislation, Policies and Cultural Change
- Schooling and Cultural Change.

Aboriginal Studies 30

Credits: 5

Prerequisite: Aboriginal Studies 20

The course focuses on indigenous people from a Canadian and Alberta perspective. It includes the study of policies, legislation, conflict and cultural change. There are four themes in Aboriginal Studies 30:

- Aboriginal Rights and Self-government
- Aboriginal Land Claims
- Aboriginal Peoples in Canadian Society
- Aboriginal World Issues



French Language and Culture

The French 3-year program is designed for students wishing to take French with minimal or no previous background in the language. Native or heritage speakers of French, as well as students previously enrolled in Immersion or French as a Second Language should arrange an interview with the French teacher to determine best placement or discuss a course challenge.

French as a Second Language 10-3Y

Credits: 5

Prerequisite: None

This is a beginner course for students who have no prior experience with the French language. In this introductory course, students will learn basic vocabulary and expressions. Using these foundations, they will participate in conversations and write paragraphs about a variety of topics. Areas of study include personal interests, family and friends, sports, food and travel. Most communication will be in the present and immediate future tenses. Additionally, this course includes an introduction to the past tense. Students will also learn about the French language and Francophone cultures through various classroom activities.



French as a Second Language 20-3Y

Credits: 5

Prerequisite: French 10-3Y

This intermediate course will build on the basic vocabulary and structures acquired in French as a Second Language 10. Students will participate in more complex conversations and written communication. Areas of study include personal interests, family and friends, sports, food and travel. Conversations will progress from present, immediate past and immediate future tenses to a more consistent use of the past tense. Additionally, students will continue learning about the French language and Francophone cultures through various classroom activities.



French as a Second Language 30-3Y

Credits: 5

Prerequisite: French 20-3Y

This course will build on the vocabulary and structures acquired in French as a Second Language 10 and 20. Students will improve their proficiency in French by using the target language to communicate factual information, opinions and ideas. They will practice clear pronunciation and intonation in rehearsed and spontaneous situations, select appropriate words and phrases, and communicate with reasonable grammatical accuracy. Students will continue learning about the French language and Francophone cultures through various classroom activities.



Spanish Language and Culture 10-3Y

Credits: 5

Prerequisite: None

This is a beginner course for students who have no prior experience with the Spanish language. Native or heritage speakers of Spanish, as well as students previously enrolled in Bilingual or Spanish as an Additional Language Programs



should arrange an interview with the Spanish teacher to determine best placement or discuss a course challenge.

In this introductory course, students will learn basic vocabulary and expressions. Using these foundations, they will participate in conversations and write paragraphs about a variety of topics. Areas of study include personal interests, family and friends, sports, food and travel. Most communication will be in the present and future tenses. Additionally, students will learn about Hispanic cultures through various classroom activities.

Spanish Language and Culture 20-3Y

Credits: 5 **Prerequisite: Spanish 10-3Y**

This intermediate course will build on the basic vocabulary and structures acquired in Spanish Language and Culture 10. Students will participate in more complex conversations and written communication. Areas of study include shopping, health, food, daily routines, travel and sports. Conversations and written expression will progress from present and future tense uses to the use of the past tense. Additionally, students will continue learning about Hispanic cultures through various classroom activities.

Spanish Language and Culture 30-3Y

Credits: 5 **Prerequisite: Spanish 20-3Y**

This course will build on the vocabulary and structures acquired in Spanish Language and Culture 10 and 20. Students will improve their proficiency in Spanish by using the target language to communicate factual information, opinions and ideas. They will practice clear pronunciation and intonation in rehearsed and spontaneous situations, select appropriate words and phrases, and communicate with reasonable grammatical accuracy. One unit of study will include short stories and poems written in Spanish. Students will continue learning about Hispanic cultures through various classroom activities.

Career and Technology Studies

Business Studies 10

Credits: 5 **Prerequisite: None**

In today's fast-paced and competitive society, it is crucial to grasp fundamental theory and business principles. This class offers students the chance to assess the advantages and disadvantages of being self-employed, delve into basic marketing concepts, and understand the essentials of financial record-keeping. The course is structured into five modules: FIN1015-Accounting Prep, MAM1010-Marketing and Management, MAM1020-Quality Customer Service, ENT1010-Challenge and Opportunity, ENT1020-Elements of a Venture Plan. Apart from class learning and assignments, students will also gain practical experience by working at the school store.

Business Studies 20

Credits: 5 **Prerequisite: None**

Understanding foundational theory and business concepts is crucial in today's highly competitive and rapidly changing society. This course offers students the opportunity to assess the advantages and risks of self-employment, delve into fundamental marketing principles, and gain knowledge about maintaining financial records. This course is divided into five modules, such as: MAM2030-Visual

Merchandising, MAM2040-Retail Operations, MAM2090-Promotion Print Advertising, ENT2030-Marketing the Venture, and ENT2040-Creating the Venture. Moreover, students will also have the practical experience of working at the school store, where they can apply the skills they have acquired in class.

Business Studies 30

Credits: 5

Prerequisite: None

In our fast-paced and competitive society, it is essential to have a solid understanding of foundational theory and business concepts. This course offers students the chance to explore the benefits and risks of self-employment, delve into foundational marketing concepts, and gain knowledge about financial record-keeping. This is divided into five modules, including: MAM 3010: Business Organization, MAM 3020: Business in the Canadian Organization, MAM 3040: Promotional Sales Techniques, MAM 3050: Distributing Goods and Services, and MAM 3060: Setting up a Retail Store. In addition to class, students will be required to work at the school store to apply the skills learned in class.

Computing Science 10

Credits: 5

Prerequisite: None

The computer science pathway provides students with the opportunity to develop a comprehensive set of in-demand 21st century competencies. This course introduces students to computer programming. Students will use mathematical concepts to plan and write simple computer programs. Algorithms will be introduced as a tool for creatively solving analytical puzzles and technical problems.

Computing Science 20

Credits: 5

Prerequisite: Computing Science 10

This is an intermediate programming course where students extend their knowledge of computer programming. Students learn the basic structure and syntax of Java, constructing algorithms to solve more complex problems. Using an integrated development environment students learn to write procedural programs using variables, arrays and control statements. They are introduced to object-orientated principles and how they are applied to Java program.

Computing Science 30

Credits: 5

Prerequisite: Computing Science 20

In computing science 30, students will advance their skills in Java, mastering complex problem-solving through algorithmic construction. Through an integrated development environment, they refine their ability to create procedural programs utilizing variables, arrays, and control statements. Object-oriented principles become integral with students applying them proficiently in Java programming. This course equips students with essential competencies for further studies and real-world applications in computer science.

Cabinet Making/Woodworking 10

Credits: 5

Prerequisite: None

This course focuses on the foundational safety and skills needed to operate common machinery and tools safely. Students develop basic hand tools and production skills to transform common building



materials safely into useful products. Throughout the course, students will develop basic shop drawing and estimating skills and apply them to build a product.

Cabinet Making/Woodworking 20

Credits: 5

Prerequisite: Cabinet Making 10

Students in Construction 20 will expand on their basic skills and safety knowledge to learn about wood joining, forming and finishing techniques. Students will design and create projects that involve doors, drawers and closures that allow for more diverse applications of their projects.



Cabinet Making/Woodworking 30

Credits: 5

Prerequisite: Cabinet Making 20

Woodworking/Cabinet Making 30 builds upon fundamental skills and safety protocols, delving into advanced wood joining, forming, and finishing techniques. Through hands-on projects, students will craft advanced level projects, enhancing their understanding of diverse woodworking applications.



Creative Writing and Publishing 15

Credits: 5

Prerequisite: None

Creative Writing and Publishing 15 combines the art of creative writing with the practical skills needed to publish and share one's work. Students will explore various forms of creative writing, from poetry to short stories, honing their craft through workshops and feedback sessions. They will also learn about the publishing process, including editing, formatting, and submitting work for publication. By the end of the course, students will have a portfolio of polished writing and the knowledge to navigate the world of publishing.

Creative Writing and Publishing 25

Credits: 5

Prerequisite: Creative Writing and Publishing 15

Creative Writing & Publishing 25 is a dynamic, locally developed course designed to help students refine their writing skills and explore the world of publishing. Through a variety of genres—including fiction, poetry, non-fiction, and scriptwriting—students will develop their unique voices while learning essential storytelling techniques. The course also introduces the fundamentals of editing, design, and digital publishing, giving students hands-on experience in preparing their work for publication. Whether aspiring to be authors, journalists, or content creators, students will gain the skills and confidence to share their words with the world.



Creative Writing and Publishing 35

Credits: 5

Prerequisite: Creative Writing and Publishing 25

Creative Writing & Publishing 35 is an advanced, locally developed course that challenges students to refine their craft and develop their voices as writers. Building on skills from previous levels, students will engage in intensive writing, editing, and publishing projects across multiple genres, including fiction, poetry, creative nonfiction, and scriptwriting. They will explore professional publishing avenues, from self-publishing to traditional markets, while honing their editorial and design skills. By the end of the course, students will have a polished portfolio of work and a deeper understanding of the literary world, preparing them for future creative and professional opportunities.

Culinary Arts 10

Credits: 5

Prerequisite: None

This exploratory course gives students the opportunity to work in a commercial kitchen working with qualified staff including a Red Seal chef/teacher. The course will introduce students to commercial food preparation and the food industry. Students will learn to prepare recipes using safe and sanitary food handling practices, how to use hand tools and equipment, and learn efficient work habits. While learning the basics of operating in a large kitchen, students will prepare a variety of foods for the school cafe and will serve food to customers.

Note: This course requires consistent kitchen participation and is physically demanding, distinguishing it from Personal Foods.

Culinary Arts 20

Credits: 5

Prerequisite: Culinary Arts 10

Students in the intermediate level culinary arts program will continue to work in the commercial kitchen under the direction of a chef/teacher to expand their culinary skills and knowledge. Students will begin to design menus based on seasonal ingredients and explore the cost of the meals they are preparing. Students will employ more complex cooking techniques and expand their knowledge of nutritional composition of the food they prepare.

Note: This course requires consistent kitchen participation and is physically demanding, distinguishing it from Personal Foods.

Culinary Arts 30

Credits: 5

Prerequisite: Culinary Arts 20

Culinary Arts 30 builds upon foundational skills, emphasizing advanced culinary techniques and menu design using seasonal ingredients. Under the guidance of a chef/teacher, students engage in hands-on kitchen experiences, exploring nutritional aspects and cost considerations of meals. This course fosters independence through student-led projects showcasing their culinary expertise.

Note: This course requires consistent kitchen participation and is physically demanding, distinguishing it from Personal Foods.

Design Thinking for Innovation 10

Credits: 5 **Prerequisite: None**

The Design Thinking for Innovation (DTFI) course provides an opportunity for students to engage in personally relevant, design, innovation and invention projects that require a significant investment to conceptualize, design, prototype, iterate, and refine. Students learn to develop a disposition of innovation and the technical skills necessary to bring project designs to life using current and emerging technologies such as electronics, robotics, micro controllers, 3D-printers, laser cutters, and more.

Design Thinking for Innovation 20

Credits: 5 **Prerequisite: Design Thinking for Innovation 10**

The Design Thinking for Innovation (DTFI) intermediate course provides an opportunity for students to extend their learning from the introductory course and engage in longer term, increasingly complex, personally relevant, design, innovation and invention projects that require a significant investment to conceptualize, design, prototype, iterate, and refine. Students learn to develop a disposition of innovation and the technical skills necessary to bring project designs to life using current and emerging technologies such as electronics, robotics, micro controllers, 3D-printers, laser cutters, and more.

Design Thinking for Innovation 30

Credits: 5 **Prerequisite: Design Thinking for Innovation 20**

The Design Thinking for Innovation (DTFI) advanced course builds upon the foundational concepts introduced in the intermediate level, providing students with opportunities to further explore and apply design principles in innovative projects. Through hands-on experiences, students will engage in complex design challenges that require critical thinking, creativity, and collaboration. They will develop a deeper understanding of the design process, including ideation, prototyping, testing, and iteration, while incorporating advanced technologies. This course fosters a culture of innovation and equips students with the skills and mindset necessary to tackle real-world problems creatively.

Film and Media Art 15

Credits: 5 **Prerequisite: None**

Film and Media Arts 15 provides students with the opportunity to explore the filmmaking process within collaborative teams, crafting a series of short movies while gaining a variety of skills and technological proficiencies. Throughout the course, students will investigate aspects of filmmaking that are personally meaningful to them. This may include, but is not limited to, disciplines such as 2D Animation, 3D Animation, Special Effects, Scriptwriting, Cinematography, Acting, Sound Design, and Film Editing. Furthermore, students will engage in the exploration, analysis, and critique of films spanning various time periods and genres, thereby broadening their cinematic knowledge base.

Film and Media Art 25

Credits: 5 **Prerequisite: Film and Media Art 15**

Film and Media Arts 25 will enhance the filmmaking skills and technical proficiencies introduced in the Film and Media Arts 15 course. This will empower students to produce refined short films through collaborative efforts. Furthermore, students will have the opportunity to cultivate their individual interests in filmmaking, broadening their expertise in areas of personal passion. Moreover, the course

will facilitate a deeper exploration of cinema, fostering an understanding of the connections between films and filmmakers across different time periods, regions, and genres through comprehensive analysis.

Film and Media Art 35

Credits: 5

Prerequisite: Film and Media Art 25

Film and Media Arts 35 will develop advanced-level filmmaking skills and concepts to create increasingly complex movies. Additionally, students will continue to refine skills relevant to their personal interests within the filmmaking industry, connecting these interests to potential career pathways. Students will continue to explore cinema to interpret the influences and expressions of unique artistic perspectives.

Graphic Design and Photography 10

Credits: 5

Prerequisite: None

This course will bring together the visual and creative disciplines of Photography and Graphic Design. In the photography portion of the course, students will learn to see the world as a photographer. They will learn how to use mirrorless cameras and digital editing software to capture exciting images of people and places both in our studio and outside. The graphic design portion of the course will build on the skills of photography to learn the Adobe Creative Suite to create posters, publications, and other print and digital designs. Throughout the course, students will complete a series of projects that will help practice the skills learned and develop technical and creative skills.

Graphic Design and Photography 20

Credits: 5

Prerequisite: Graphic Design and Photography 10

This course continues to bring together the visual and creative disciplines of Photography and Graphic Design. In the photography portion of the course, students will develop further as a photographer, by learning how to use more complex image-capturing techniques and editing skills in our studio and outside. The graphic design portion of the course will build on photography skills to learn the Adobe Creative Suite to create posters, publications and other print and digital designs. Throughout the course, students will complete a series of projects that will help practice the skills learned and develop technical and creative skills.

Graphic Design and Photography 30

Credits: 5

Prerequisite: Graphic Design and Photography 20

This course continues to bring together the visual and creative disciplines of Photography and Graphic Design. In this course, students will develop further as a photographer through a student-centered approach. They will embark on a self-stylistic developmental journey to become a more distinguishable photographer and designer. Throughout the course, students will complete a series of self-directed and client-based projects that will help them practice the skills they have discovered and develop their technical and creative abilities.



Leadership 10

Credits: 5

Prerequisite: None

Leadership 10 is an introductory course to learn ways to become successful leaders - within our school setting and community. Students will explore and discover who they are as leaders and the importance of their voice. Fundamental leadership skills such as communication, problem solving, and initiative will be explored through a variety of interactive and hands-on activities. Students will engage in various volunteer opportunities, both in school and the community, to develop self-reflection and put their leadership skills into practice. Students will work together, and through collaboration and reflection, will plan and lead various in-class activities, as well as small and large whole school events.

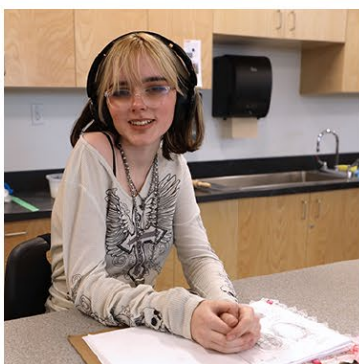


Leadership 20

Credits: 5

Prerequisite: Leadership 10

Leadership 20 is designed to continue the development and refinement of students' leadership skills. Through various hands-on and interactive activities, students will take a closer look at the difference between leadership and management. In addition, students will reflect on the characteristics of an effective leader and will create SMART goals for the semester. Students will begin taking on leadership roles in various volunteer opportunities both in school and the community to develop self-reflection and put their leadership skills into practice. Students will work together to plan, lead, reflect and evaluate various in-class activities, as well as small and large whole school events.

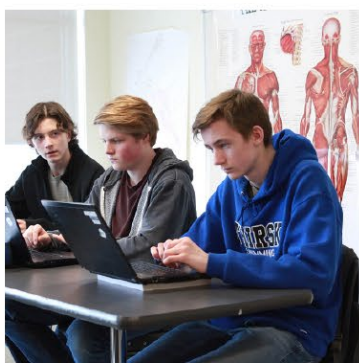


Leadership 30

Credits: 5

Prerequisite: Leadership 20

Leadership 30 is designed to develop mastery of leadership skills. Through various hands-on and interactive activities, we will work on planning, executing, and reflecting on larger student led initiatives, with a focus on leadership development and mentorship of peers. Students will begin developing their people development as leaders through mentorship and volunteerism. Students will be expected to create a leadership portfolio exploring, through self-reflection, what leadership means to them, the important skills and qualities of effective leaders, and how they can effectively utilize them in real-world scenarios. Students will work together to plan, lead, reflect and evaluate various in-class activities, as well as small and large whole school events.



Legal Studies 10

Credits: 5

Prerequisite: None

Legal studies is designed to enable students to gain a better understanding of the Canadian legal system. An emphasis is placed on aspects of law that have a particular relevance to young citizens. Topics investigated include Private and Public Law, Relationship and Family law, and Legal Studies Project A (Mock Trials and Debates). Historic and current legal events are also explored.



Legal Studies 20

Credits: 5

Prerequisite: None

Students in Legal Studies 20 will gain a deeper understanding of the Canadian legal system. Topics investigated include Law and the Traveler, Employment Law, Aboriginal Law, Environmental Law, and Legal Studies Project B (Mock Trials and Debates). Historic and current legal events are also explored.

Legal Studies 30

Credits: 5

Prerequisite: None

Students in Legal Studies 30 will learn about specific laws, legal concepts, and issues revolving around Canadian Society. The modules of study include Criminal Law, Property Law, Landmark Cases, Dispute Resolutions and Legal Studies Project D (Mock Trials and Debate). Historic and current legal events are also explored.

Mechanics 10

Credits: 5

Prerequisite: None

Mechanics 10 is not only for those who wish to pursue a career in the automotive industry. Through hands-on experiences, students will have the opportunity to increase their knowledge and skills related to the design and maintenance of vehicles. Students will learn about engines, brakes, suspension, tires and other concepts, such as preventative maintenance and tools and materials.

Mechanics 20

Credits: 5

Prerequisite: Mechanics 10

Students in Mechanics 20 build on the foundational knowledge and skills of Mechanics 10 to increase knowledge with regard to vehicle maintenance, service and care. These credits form a basis for Advanced Mechanics.

Mechanics 30

Credits: 5

Prerequisite: Mechanics 20

Mechanics 30 expands upon the foundational knowledge and skills acquired in Automotive 20, delving deeper into vehicle diagnostics, repair techniques, and advanced maintenance procedures. Students will develop expertise in automotive systems and engine components, preparing them for further study or entry into the automotive industry. Mechanics 30 provides essential preparation for students pursuing advanced studies or careers in automotive technology.

Natural Resources 10

Credits: 5

Prerequisite: None

The Natural Resources 10 program introduces students to environmental stewardship through classroom discussions, research, and hands-on activities. Students will explore key issues such as water and soil quality, animal care, and consumerism. They will collaborate on a class-wide conservation project and engage in plant biology studies, focusing on germination and pollination. With experiments

in our natural science lab and field experiences around Calgary students will gain practical skills to address real-world environmental challenges.

Natural Resources 20

Credits: 5 **Prerequisite: None**

The Natural Resources 20 program builds on students' environmental stewardship knowledge through research, debate, and hands-on learning. Students will explore key topics such as the health of Kananaskis forests and deepen their understanding of animal anatomy. They will have the opportunity to expand their previous conservation projects or initiate new ones. Plant biology studies will continue, focusing on gardens and intercropping, where students will explore how plants grow together for mutual benefit. Through lab work, community involvement, and a field study in Kananaskis, students will develop the skills and mindset of environmental stewards.

Natural Resources 30

Credits: 5 **Prerequisite: None**

The Natural Resources 30 program continues to build on students' environmental studies and fosters discussions on how to continue stewardship after graduation. Topics will include post-secondary options, career paths, and volunteering opportunities. Students will explore politics related to Canadian environmental issues, global policies, and how these affect them. Throughout the semester, the class will broaden the scope of their conservation efforts to include provincial and federal issues. Plant biology studies will also continue, with a focus on organic and sustainable gardening. By the end of the course, students will leave with a strong awareness of sustainability, preparing them for future success in their personal, academic, and professional pursuits.

Outdoor Pursuits 10

Credits: 5 **Prerequisite: None**

Students in Outdoor Pursuits 10 will explore modules in environmental stewardship and outdoor skills. Students will develop a number of activity-specific skillsets involved in exploring and enjoying the outdoors and will learn how to minimize their impact on the natural spaces they venture into. Students will have several opportunities to take field trips to urban and rural areas.

Outdoor Pursuits 20

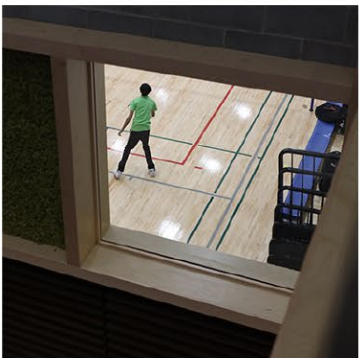
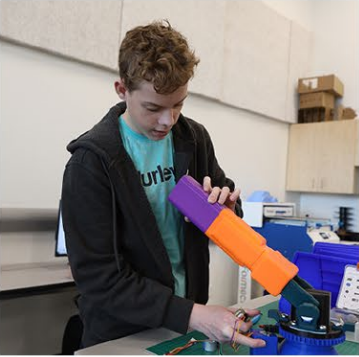
Credits: 5 **Prerequisite: Outdoor Pursuits 10**

Students in Outdoor Pursuits 20 will expand their skills and knowledge of living and recreation in nature. Students at the intermediate level will explore different means of outdoor transportation and advance their skills in outdoor survival. Students will take several trips to practice and enhance their skills, including an overnight camping adventure.

Outdoor Pursuits 30

Credits: 5 **Prerequisite: Outdoor Pursuits 20**

Students in Outdoor Pursuits 30 will further expand their outdoor skills and understanding of how the outdoors can be enjoyed with a sustainability focus. Emphasis will be on continuing to strengthen outdoor leadership skills, and students will explore future opportunities in wildlife conservation,



guiding, and environmental stewardship. Students will take part in planning, organizing, and embarking on a multi-day backpacking trip.

Psychology 20 (General and Personal Psychology)

Credits: 6

Prerequisite: None

This course consists of two 3-credit modules: Personal Psychology and General Psychology. The aim of this course is to provide students with a general background in psychology, including the history of psychology and the principles of learning and thinking. Students will learn about stress and aggression, the influence of small groups, the status of roles, and some insights regarding neurosis and psychosis. General psychology includes some discussion of emotion and behaviour. This course concludes with a section about self-improvement and self-growth.

Psychology/Sociology 30 (Sociology and Experimental Psychology)

Credits: 6

Prerequisite: None

This course consists of two 3-credit modules: Experimental Psychology and Applied Sociology. Experimental psychology provides an overview of the scientific experimentation process in the field of psychology. Modules examine scientific research methods, data display and interpretation, research ethics, and the design and completion of a psychological research experiment. Sociology is the study of social behavior and human groups. The goal of the course is to help students understand how they are part of society, to understand society's influence on their lives, and to visualize their roles in societal change. Content includes scientific methods of study, social institutions, elements of culture, and subculture.

Robotics 20/30

Credits: 5 | Prerequisite: None

In Robotics 20/30, students work as a team to design, build, and program a mechatronics project to tackle a real-world challenge. Students will develop coding skills, analytic skills, CAD design software skills, and learn modern fabrication techniques like 3D printing and laser cutting. Students explore robotic systems, including motors, servos, and controllers, while also learning project management and business strategies. This hands-on course blends engineering, coding, and entrepreneurship, preparing students for innovation, teamwork, and problem-solving in the world of robotics.



Well-Being

Physical Education 20

Credits: 5 **Prerequisite: Physical Education 10**

The aim of Physical Education 20 is to enable individuals to develop the knowledge, skills, and attitudes necessary to lead an active, healthy lifestyle. The program emphasizes active living, with a focus on physical activity that is valued and integrated into daily life. Through activities in the school and community, students will explore their capabilities and improve their physical abilities. Students will enjoy better fitness, well-being, develop a sense of fair play and exercise their leadership abilities. Students will understand the importance of safe/active living for life and will set goals and challenge themselves as part of an active, healthy lifestyle.

Physical Education 30

Credits: 5 **Prerequisite: Physical Education 20**

The aim of Physical Education 30 is to enable individuals to develop the knowledge, skills, and attitudes necessary to lead an active, healthy lifestyle. The program emphasizes active living to further engage in activities that promote lifelong physical activity. Through activities in the school and community, they will explore activities to connect and engage in lifelong active living and wellness. They will enjoy better fitness and well-being and further develop a sense of fair play with an emphasis on growing their leadership abilities. You will understand the importance of safe, active living for life; and you will set goals and challenge yourself as part of an active, healthy lifestyle.

Sports Medicine 10

Credits: 5 **Prerequisite: None**

Introductory Sports Medicine students will be educated in the recognition of and immediate care and prevention of basic athletic injuries and will be CPR Level C certified. They will study anatomy of the human body, specifically the musculoskeletal system, to build the foundation for all aspects of training and treatment. Athletic taping will be a significant component and students will learn how to tape for fingers, thumbs, wrists, elbows and ankles. Students will also explore Health & Wellness principles including terminology and overall aspects of an individual's health. Finally, students will begin to apply basic athletic training skills by attending games and practices as student athletic trainers.

Sports Medicine 20

Credits: 5 **Prerequisite: Sports Medicine 10**

Intermediate Sports Medicine students will improve upon their ability to recognize and treat a variety of athletic injuries and will receive a certification in Standard First Aid Level C with AED. Students will take a more advanced look at the anatomy of the joints as they study specific anatomical structures found throughout the body. Students also take on a more significant role as athletic trainers as they work with our athletic teams in an effort to prevent and respond to minor injuries. In doing so, students will utilize the skills they acquire while taping a variety of joints in the body, including joints in the hands/wrists, elbows, knees and ankles. Finally, students will complete a semester-long project that further explores anatomy and/or the treatment of chronic injuries.

Sports Medicine 30

Credits: 5

Prerequisite: Sports Medicine 20

Advanced Sports Medicine students further continue their exploration of a variety of injuries, both acute and chronic, as well as the appropriate treatment and rehabilitation for these injuries. Students in Sports Medicine 30 will be receiving a certification in Basic Life Support, which is a continuation of the first aid certification they received at the intermediate level. Students also get the opportunity to explore an in-depth look at a variety of anatomical structures found within the body. Students will use their experience from their previous time in Sports Medicine to take on a leadership role within our athletic training program. They will continue to work with our athletic teams in an effort to prevent and respond to minor injuries while providing key mentorship to our introductory students. Students will further their understanding of a variety of athletic taping and strapping techniques as they work on a variety of joints, such as the hands/wrists, elbows, knees, shoulders and ankles. Finally, students will complete a semester-long project designed to take their understanding of anatomy and injury management to its peak level.

Sports Performance 10

Credits: 5

Prerequisite: None

This course will focus on the development of an individual's fitness and fitness knowledge in relation to becoming a better athlete. Students will learn and implement knowledge pertaining to nutrition, sports psychology and training techniques to improve their personal fitness for all sports and/or athletic activities. This is a physically demanding course and students will be doing vigorous physical training on a consistent basis.

Sports Performance 20

Credits: 5

Prerequisite: Sports Performance 10

This course is a continuation of the introductory course. Previously learned training techniques and knowledge are used as a foundation for the next level of athletic development. Speed, agility and quickness are subjects that get explored further. Nutrition concepts are reinforced, and athletes get deeper into the psychology of sport. This course is an outstanding opportunity to immediately apply theory and put it to practical use. This level of the course is also a physically demanding option and students should commit to improving their fitness and working to their full potential.

Sports Performance 30

Credits: 5

Prerequisite: Sports Performance 20

This course is a continuation of the intermediate course. Previously learned training techniques and knowledge are used as a foundation for the next level of performance development. Olympic lifting, cardiovascular development, and speed development are subjects that get explored further. Nutrition concepts are reinforced with a practical understanding, and athletes get deeper into the psychology of sport as it pertains to performance improvement. This course is an outstanding opportunity to immediately take theory learned and put it to practical use. This level of the course is also a physically demanding option and students should commit to improving their fitness and working to their full potential.



Yoga 15

Credits: 5

Prerequisite: None

Students will be safely introduced to the basic yoga (asanas) postures, breathing techniques, relaxation methods as well as basic anatomy and physiology. In this class, students will learn techniques to help manage stress and anxiety in their daily lives. This class will also help build strength, improve flexibility, and help students gain an overall sense of balance through mind and body unification. Along with the physical benefits of a daily yoga practice, students will also begin to explore and understand the historical roots of yoga as an art, science and philosophy. All abilities are welcome.



Yoga 25

Credits: 5

Prerequisite: Yoga 15

In Yoga 25, students will be safely introduced to more advanced postures while continuing to build on already established yoga practices. Students will further develop an understanding of their own unique needs and limitations through daily yoga practice. During the semester, students will engage in several different yoga styles, breathing techniques, and relaxation methods to help create a sense of balance and well-being in their day-to-day life as a high school student.



Yoga 35

Credits: 5

Prerequisite: Yoga 25

In Yoga 35, students will be safely introduced to more advanced postures while continuing to build on already established yoga practices. Students will further develop an understanding of their own unique needs and limitations through a daily yoga practice. During the semester, students will engage in a number of different yoga styles, breathing techniques, and relaxation methods to help deepen a sense of balance and well-being in their day-to-day life as a high school student. Students will also be given the opportunity to explore the possibility of teaching yoga within the class and work on skills necessary to apply for certified yoga training programs.



Fine and Performing Arts

Art 10

Credits: 5

Prerequisite: None

Art 10 is an introduction to the visual Arts and is a prerequisite for other Art courses. Students learn about the Elements and Principles of Art through various two-dimensional and three-dimensional projects. Emphasis is on the development of basic skills and techniques, process and craftsmanship, and effective studio management. Through project planning and research, students are introduced to artwork and artists, both past and present. The media and techniques explored vary from ceramics, sculpture, mixed media, drawing, painting, and collage.

Art 20

Credits: 5

Prerequisite: Art 10

Art 20 continues the creative process, expanding on the knowledge and skills gained in Art 10. Students take a conceptual approach to art making, with a focus on idea development and articulation. The influence of artists, past and present, and the exploration of personal themes are interwoven throughout each creative project. Students are expected to continue to develop their skills and techniques in the making of art, with attention to quality of work, reflection and refinement. The media and techniques explored vary from ceramics, sculpture, mixed media, drawing, painting and printmaking.

Art 30

Credits: 5

Prerequisite: Art 20

In Art 30, students are encouraged to develop a more independent approach to art-making through the exploration of their own personal styles and themes. Students are expected to draw upon inspiration from the work of artists, past and present, to influence and enhance their artwork. Emphasis is on the refinement of personal art-making skills and techniques with a focus on drawing, painting, mixed media, sculpture, and ceramics. Art 30 is intended for serious art students who will endeavour to push the boundaries of personal creativity in all their artwork.

Concert Band 15

Credits: 5

Prerequisite: None

Band 15-25-35 is designed as an extension of the Instrumental Music 10-20-30 courses. Individual musical skills developed in Instrumental Music are reinforced, enhanced, and applied through participation in a large ensemble. Students develop personal and collaborative goals as they participate in and refine personal and group practice routines, rehearsal, and performance. Furthermore, students experience, analyze and appreciate performances of diverse repertoire as musicians, part of an ensemble, and as audience members. This course takes place outside the timetable in the morning before school and is a full year course.

Students must be enrolled in Instrumental Music 10 in order to be in Concert Band 15 or students must pass an assessment in order to be enrolled in Concert Band 15.

Concert Band 25

Credits: 5

Prerequisite: Concert Band 15

Band 15-25-35 is designed as an extension of the Instrumental Music 10-20-30 courses. Individual musical skills developed in Instrumental Music are reinforced, enhanced, and applied through participation in a large ensemble. Students develop personal and collaborative goals as they participate in and refine personal and group practice routines, rehearsal, and performance. Furthermore, students experience, analyze and appreciate performances of diverse repertoire as musicians, part of an ensemble, and as audience members. This course takes place outside the timetable in the morning before school and is a full year course.

Students must be enrolled in Instrumental Music in order to be in Concert Band or students must pass an assessment in order to be enrolled in Concert Band.

Concert Band 35

Credits: 5

Prerequisite: Concert Band 25

Band 15-25-35 is designed as an extension of the Instrumental Music 10-20-30 courses. Individual musical skills developed in Instrumental Music are reinforced, enhanced, and applied through participation in a large ensemble. Students develop personal and collaborative goals as they participate in and refine personal and group practice routines, rehearsal, and performance. Furthermore, students experience, analyze and appreciate performances of diverse repertoire as musicians, part of an ensemble, and as audience members. This course takes place outside the timetable in the morning before school and is a full year course.

Students must be enrolled in Instrumental Music in order to be in Concert Band or students must pass an assessment in order to be enrolled in Concert Band.

Choir 10

Credits: 5

Prerequisite: None

The Choral Music program provides students with the opportunity to develop as musicians through singing. A large range of musical ability and experience can be accommodated. The Choral 10 program focuses on vocal technique, sight-reading, ear-training, history and theory. Students have an opportunity to sing music from a variety of genres.

Choir 20

Credits: 5

Prerequisite: Choir 15

The Choral Music program provides students with the opportunity to develop as musicians through singing. A large range of musical ability and experience can be accommodated. The Choral 20/30 program focuses on further developing vocal technique, sight-reading, ear-training, history and theory. Students have an opportunity to sing music from a variety of genres.

Choir 30

Credits: 5

Prerequisite: Choir 25

The Choral Music program provides students with the opportunity to develop as musicians through singing. A large range of musical ability and experience can be accommodated. The Choral 20/30 program focuses on further developing vocal technique, sight-reading, ear-training, history and theory. Students have an opportunity to sing music from a variety of genres.

Dance 15

Credits: 5

Prerequisite: None

Dance is for both the beginning and experienced dancer and is taught to provide students with the opportunity to grow and explore movement. Dance 15 emphasizes skill development and introduces a variety of dance styles such as Ballet, Jazz, Contemporary Dance, and Hip Hop. Some elements of choreography are explored through projects and an opportunity to perform in class, on a stage, and at other venues is provided.

Dance 25

Credits: 5

Prerequisite: Dance 15

This course builds on the skills and technique acquired in Dance 15. Dance forms studied will include lyrical, jazz, hip hop/funk, and modern. Emphasis will be placed on further developing and refining technique, challenging students to master more technically demanding choreography and developing leadership skills. Students will also learn to lead a warm-up, be part of an in-class audition, as well as perform dance routines at their skill level.

Dance 35

Credits: 5

Prerequisite: Dance 25

There is a stronger focus on performance in Dance 35 and a solo performance is required. Students will use improvisation to design choreography and perform their work. Workshops and guest choreographers are invited in to the class to enhance the dance experience. Auditions and performance skills are developed; and an opportunity for performing and choreographing is offered in class and at school showcases. Emphasis will be on skill development, creating choreography and performing. Dance 35 encourages the development of personal style in dance, allowing student voice and independent thinking to be part of the journey. Dance 35 can help prepare students for the dance program at the University of Calgary or other potential career trajectories in the dance realm.

Drama 10

Credits: 5

Prerequisite: None

This is a beginner course designed to develop a variety of basic skills required for further study in the theatre and to work on skills that students will be able to carry into their daily lives. Students will build their communication skills to develop their ability to convey ideas and characters. This is an excellent course for all students, as it helps develop interpersonal skills, self-awareness, self-esteem, confidence and public speaking skills. Drama 10 includes the following units: Orientation, Movement, Speech, Characterization, Improvisation and Technical Theatre. Students will also have the opportunity to attend live theatrical performances and work with industry professionals in the course.

Drama 20

Credits: 5

Prerequisite: Drama 10

Students in this intermediate drama course will continue to build on their skills in movement, communication and improvisation, as well as increasing their knowledge of acting to convey their ideas through dramatic performances. This course is project based, focusing on the process of creation and performance, both as an individual and in groups. Students will further develop



their understanding of theatre through acting, playwriting, improvisation, technical theatre and critique. There will be opportunities to perform publicly, attend live theatrical performances, and work with industry professionals in the course.

Drama 30

Credits: 5

Prerequisite: Drama 20

Drama 30 is an extension of the skills developed in Drama 20, with a major focus on the study of directing and acting. Additional units will include: Improvisation, Theatre History and Technical Theatre/Design. The course is designed to provide the student with self-awareness, confidence in collaboration, and for those that choose to do so, the base from which to go on to further study theatre at the university or college level. At the end of the semester, students will have the opportunity to showcase their directing projects in front of an audience. Students will also have the opportunity to attend live theatrical performances and work with industry professionals in the course.



Guitar 15

Credits: 5

Prerequisite: None

Guitar 15-25-35 is the study of an instrument that is common to cultures around the world, with unique styles and idioms that are accessible to a wide population. Studying Guitar extends the creative avenues available for students to learn how to express themselves musically and make meaning from listening to music. In this course of study, students can learn instrumental technique, musical concepts, and theory applied to contemporary, world, and modern musical forms. Guitar 15 is considered an introductory course that requires no prior experience.

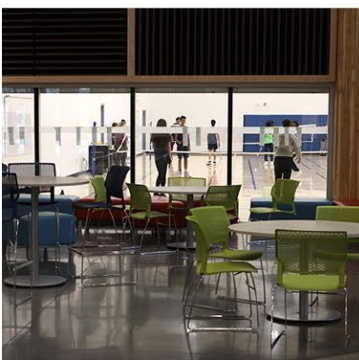


Guitar 25

Credits: 5

Prerequisite: Guitar 15

Guitar 15-25-35 is the study of an instrument that is common to cultures around the world, with unique styles and idioms that are accessible to a wide population. Studying Guitar extends the creative avenues available for students to learn how to express themselves musically and make meaning from listening to music. In this course of study, students can learn instrumental technique, musical concepts, and theory applied to classical, contemporary, world, and modern musical forms.



Guitar 35

Credits: 5

Prerequisite: Guitar 25

Guitar 15-25-35 is the study of an instrument that is common to cultures around the world, with unique styles and idioms that are accessible to a wide population. Guitar 35 extends the creative avenues available for students to learn how to express themselves musically and make meaning from listening to music. In this course of study, students will take on an independent role as music



researcher, concert programmer, and performer. Using the knowledge of techniques and musical styles acquired in Guitar 15 and 25, students will synthesize their abilities in a leadership role, giving them the opportunity to express themselves creatively as a music student and performer.

Instrumental Jazz 15

Credits: 5

Prerequisite: None

Instrumental Jazz 15-25-35 is the study of a uniquely North American art form and offers students the opportunity to study the jazz idiom both as a subject in its own right, and as an integral part of the Fine Arts program. Instrumental Jazz 15-25-35 is process driven and is designed as an extension to the Instrumental Music 10-20- 30 program, allowing for a deepening of musical skills and new understandings in a performance environment. By working collaboratively in an ensemble setting, students learn to communicate effectively to build understanding, advance learning goals and foster an increased individual contribution within a musical community. Through the practice, performance and critical listening of jazz repertoire, students experience the many historical periods and styles presented by master musicians, composers, and arrangers.

This course takes place outside the timetable in the afternoons after school and is a full year course.

Students must be enrolled in Instrumental Music 10 in order to be in Instrumental Jazz 15, or students must pass an assessment in order to be enrolled in Instrumental Jazz 15.

Instrumental Jazz 25

Credits: 5

Prerequisite: 15

Instrumental Jazz 15-25-35 is the study of a uniquely North American art form and offers students the opportunity to study the jazz idiom both as a subject in its own right, and as an integral part of the Fine Arts program. Instrumental Jazz 15-25-35 is process driven and is designed as an extension to the Instrumental Music 10-20- 30 program, allowing for a deepening of musical skills and new understandings in a performance environment. By working collaboratively in an ensemble setting, students learn to communicate effectively to build understanding, advance learning goals and foster an increased individual contribution within a musical community. Through the practice, performance and critical listening of jazz repertoire, students experience the many historical periods and styles presented by master musicians, composers and arrangers.

This course takes place outside the timetable in the afternoons after school and is a full year course.

Students must be enrolled in Instrumental Music in order to be in Instrumental Jazz, or students must pass an assessment in order to be enrolled in Instrumental Jazz.

Instrumental Jazz 35

Credits: 5

Prerequisite: Instrumental Jazz 25

Instrumental Jazz 15-25-35 is the study of a uniquely North American art form and offers students the opportunity to study the jazz idiom both as a subject in its own right, and as an integral part of the Fine Arts program. Instrumental Jazz 15-25-35 is process driven and is designed as an extension to the

Instrumental Music 10-20- 30 program, allowing for a deepening of musical skills and new understandings in a performance environment. By working collaboratively in an ensemble setting, students learn to communicate effectively to build understanding, advance learning goals and foster an increased individual contribution within a musical community. Through the practice, performance and critical listening of jazz repertoire, students experience the many historical periods and styles presented by master musicians, composers and arrangers.

This course takes place outside the timetable in the afternoons after school and is a full year course.

Students must be enrolled in Instrumental Music 35 in order to be in Instrumental Jazz or students must pass an assessment in order to be enrolled in Instrumental Jazz.

Technical Theatre 15

Credits: 5 **Prerequisite: None**

This course offers the opportunity to explore state of the art backstage production elements of theatre including sound, lighting, costuming, make-up, set design, stage management and other aspects of technical theatre production. Perhaps you love the theatre, but you are not one to be in the spotlight. This course is an excellent opportunity to learn about the behind-the-scenes work that takes place in live theatre.

Technical Theatre 25

Credits: 5 **Prerequisite: Technical Theatre 15**

Building on the knowledge and practical experience gained at the 15 level, this course involves students in the design of all elements in technical theatre. In this course, students will take an active role in a major dramatic production as they design lighting, props, costumes, and support the director to make a theatrical production come to life.

Technical Theatre 35

Credits: 5 **Prerequisite: Technical Theatre 25**

Technical Theatre 35 continues to offer a hands-on learning environment that deals with all of the non-acting components of theatre. Students with a genuine interest in lighting, sound, costumes, make-up, management, props, set design and construction will love this course. Students will provide technical support for Remembrance Day Services, Dance Shows, Assemblies and Drama Productions, as well as through other opportunities as they present themselves. There is a volunteer, outside of the timetable, opportunity to the course, for students working on productions. Students will also have the opportunity to attend live theatrical performances.

Instrumental Music 10

Credits: 5 **Prerequisite: Some previous music experience in grades 7-9 will be an asset**

The Instrumental Music 10 program provides an opportunity for students to develop as musicians through improvement of their skills developed in junior high. A large range of musical ability can be accommodated. The Music 10 program focuses on improving technical skills, sight-reading, theory, history, and concert performances. Students will develop competencies and strive for excellence in the areas of performing, listening, creating, researching and valuing music.

Instrumental Music 20

Credits: 5

Prerequisite: Instrumental Music 15

This course expands on the skills and understandings gained in Instrumental Music 10. Students will continue improving technical skills, sight-reading, theory, history, and concert performances. Students will develop competencies and strive for excellence in the areas of performing, listening, creating, researching and valuing music.

Instrumental Music 30

Credits: 5

Prerequisite: Instrumental Music 25

This course expands on the skills and understandings gained in Instrumental Music 20. Students will continue improving technical skills, sight-reading, theory, history, and concert performances. Students will develop competencies and strive for excellence in the areas of performing, listening, creating, researching and valuing music. Students will also be exploring composition of original music and prepare a final recital.

Fine Arts Certificate

The fine and performing arts are for everyone whether you choose to explore and develop a new interest or specialize in a current interest. Participation in the arts enhances your creativity, critical thinking and problem-solving abilities. A minimum of 30 credits in the Fine Arts is required plus Leadership in the Arts 35. Students are able to determine their own personal pathway to achieving the certificate and may include courses from the fine and performing arts, select Career and Technology Studies, locally developed courses or related work experience.

Leadership in the Arts

Credits: 5

Prerequisite: Any 20-Level Fine Arts Course

Leadership in the Arts is a program of cross-disciplinary study, which encourages critical thinking, creative, entrepreneurial and innovative learning. This course will prepare students, regardless of their future careers, to continue to participate and be leaders in the Arts. The Arts play important roles in shaping communities, culture and the economy. Leadership in the Arts extends disciplinary learning from Art, Dance, Drama, Creative Writing, Film and Music outside the walls of the school and builds understanding of how students can continue to be involved in the Arts as professionals, community leaders and entrepreneurs. This course will have a strong community focus and will reflect local opportunities for the Arts.

Additional Options

Forensic Science 25/35

Credits: 6 | Prerequisite: Science 10

Step into the world of crime scene investigation in this immersive, semester-long course that combines Forensic Science 25 and 35. Through hands-on labs, real-world case studies, and interactive simulations, students will explore the science behind solving crimes. Learn how to analyze fingerprints, blood spatter, trace evidence, and more using techniques rooted in Biology, Chemistry, and Physics. Develop critical thinking and investigative skills as you collect, examine, and interpret forensic evidence

just like real forensic scientists. If you have a passion for mystery, problem-solving, and science in action, this course is for you!

Math 15

Credits: 5

Prerequisite: None

Math 15 focuses on improving student mastery of mathematical skills and concepts in preparation for Math 10C. The course focuses on strengthening student skills in vocabulary, numeracy, critical thinking, and problem-solving skills. The lessons and assessments are designed so that students can learn and demonstrate mathematical knowledge that is requisite for higher level math courses.