



Joane Cardinal-Schubert High School

2022 -2023 Complementary Course Guide

Inclusive



Active



Meaningful



learning | as unique | as every student



Calgary Board
of Education

- Information for regular High School Programming is available from the “Get Ready, Get Set, Go For It” CBE document at:
<http://www.cbe.ab.ca/programs/high-school/Documents/Get-Ready-Get-Set-Go-For-It-Short.pdf>
- All courses at JCS are offered based on student interest, enrolment and school resources.
- Some courses have fees associated with them



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Advanced Placement (AP)

Advanced Placement (AP) courses focus on broad, in-depth study in one or more subjects (English, Math, Social Studies, and the Sciences at JCS. Students who are successful in the AP program have passion, curiosity, and commitment to that subject area. Some advantages of the AP program include:

- Improve reading and writing skills and problem-solving techniques
- Develops study habits needed for university
- Completion demonstrates initiative and commitment to academic excellence
- Explores subjects in greater depth and detail than that prescribed by the Alberta Program of Studies
- Successful completion of the AP exam may allow advanced credit and/or advanced placement at colleges and universities (as defined by each post-secondary institution).
- For more information about the AP College Board please refer to their website <https://apstudents.collegeboard.org/what-is-ap>

Students interested in the AP program should note that:

- The AP program is flexible as students can take one or more different AP courses as there is no minimum number of courses needed to participate in the program.
 - Students can register for AP courses in grade 11 and 12 even if they do not register for the grade 10 AP cohort courses. The main pre-requisite is passion and interest in the subject!
 - Courses in the AP program at the grade 10 and 11 levels (10/20) are designated with “Cohort AP” (ie. Bio 20 cohort AP). These classes will focus on the Alberta Education curriculum for the course, as well as providing preparation and skill development for the AP program at the 30 level.
 - Courses with the AP designation (ELA 30 AP, Social Studies 30 AP, Mathematics 30-1/31 AP, Biology 30 AP, Chemistry 30 AP, and Physics 30 AP) are typically taken by students in their grade 12 year, where they study the Alberta Education curriculum for the course, and the AP curriculum to prepare the student to write the AP exam.
 - All 30 level AP students are still required to write the Alberta Education Diploma Exams. AP exams do not replace the diploma exams.
 - Assessments and marks are based on standards for the Alberta Education Program of Studies, student work is evaluated the same way as it is for students in the regular classes.
 - To gain the AP recognition, students will need to successfully complete the AP examination. AP exams are administered by the College Board in early May, and it is through the College Board that official documentation will be provided to use with post-secondary institutions.
 - There is a fee to take a course within the AP program. Because AP courses are optional, it is the responsibility of the student to cover any additional fee. There is a fee to write the AP exam. This fee covers the AP exam and administrative fees which are charged in USD. The estimated cost is \$150 per exam (depending on the exchange rate at the time). Please note that some AP science courses may also have an additional nominal fee to cover lab materials.

Advanced Placement Courses at JCS

Course availability will be dependent on the number of student requests, enrollment and school resources.

Grade 10	Grade 11	Grade 12
<ul style="list-style-type: none"> English 10-1 Cohort_AP 	<ul style="list-style-type: none"> English 20-1 Cohort_AP 	<ul style="list-style-type: none"> English 30-1/35 AP
<ul style="list-style-type: none"> Math 10C Cohort_AP 	<ul style="list-style-type: none"> Math 20-1 Cohort_AP 	<ul style="list-style-type: none"> Mathematics 30-1/31 AP Calculus
<ul style="list-style-type: none"> Science 10 Cohort_AP 	<ul style="list-style-type: none"> Biology 20/30/35 AP (full year) Chemistry 20 Cohort_AP Physics 20 Cohort_AP 	<ul style="list-style-type: none"> Biology 30 AP Chemistry 30/35 AP (full year) Physics 30 AP
<ul style="list-style-type: none"> Social Studies 10 Cohort_AP 	<ul style="list-style-type: none"> Social Studies 20-1 Cohort_AP 	<ul style="list-style-type: none"> Social Studies 30-1 AP

Note:

- Grade 11 students (2022-23) who want to complete AP Calculus in their grade 12 year, are recommended to register for both Math 20-1 and Math 30-1 in their grade 11 year.
- Mathematics 30-1/31 AP Calculus will not be offered as a yearlong course in 2023-24. Instead, Math 31/AP Calculus will be offered in the first semester of 2023-24 for students who have successfully completed Math 20-1 and 30-1.

Career & Technology Studies (CTS)

Business Administration, Finance & Information Technology (BIT)	Health, Recreation & Human Services (HRH)	Media, Design & Communication Arts (MDC)
<ul style="list-style-type: none"> Enterprise and Innovation (Business Studies) Computer Science Financial Management Legal Studies 	<ul style="list-style-type: none"> Child Care Cosmetology Culinary Arts First Responder Sports Medicine Sports Performance Sports Performance Elite Athlete Pathway 	<ul style="list-style-type: none"> Design Studies (20/30) Multimedia Photography
Natural Resources (NAT)	Trades, Manufacturing & Transportation (TMT)	
<ul style="list-style-type: none"> Outdoor Pursuits 	<ul style="list-style-type: none"> Construction Technology Robotics 	

Business Administration, Finance & Information Technology (BIT)

Enterprise and Innovation (formerly Business Studies)

Enterprise and Innovation 10 five 1 credit courses

Enterprise and Innovation 10 is an introductory course that investigates the nature and purpose of business. The main focus will be to gain a fundamental understanding of entrepreneurship, business organization, planning, marketing, and spreadsheets. Enterprise and Innovation 10 allows students to develop a variety of transferable skills that can improve their chances of being hired and that will be helpful lifelong regardless of what career path students take.

Prerequisite: None

Enterprise and Innovation 20 five 1 credit courses

Students will develop their skills with respect to analyzing business ventures through the examination of realistic case studies. Following this holistic introduction, students will focus on learning the skills necessary to develop a business idea and formulate a credible business plan. Key components of the business plan will be examined in detail, namely finance and marketing.

Prerequisite: None. Preference will be given to students who have completed Enterprise and Innovation 10.

Enterprise and Innovation 30 five 1 credit courses

This class is typically taken by students who have previously studied Enterprise and Innovation. Students will study fundamental economic theory from both a domestic and international perspective, as well as Supply Chain Management. Students will examine organizational and management theories. In addition, students will have the opportunity to complete a business book study of their choice. This course is an excellent pre-cursor for anyone who is considering post-secondary business program.

Prerequisite: None. Preference will be given to students who have completed Enterprise and Innovation 20.

Computing Science

Computing Science 10 five 1 credit courses

Students will be introduced to fundamental programming, computer science, and web development concepts. Students learn to program using JavaScript along with industry-relevant tools to develop interactive programs and learn to use HTML and CSS along with their JavaScript skills to explore the basics of web development.

Prerequisite: None

Computing Science 20 five 1 credit courses

Students will build on their programming knowledge and skills learned in Computing Science 10. Students will explore more advanced techniques in web development, data structures, and project planning and development.

Prerequisite: Computing Science 10

Computing Science 30 five 1 credit courses

Students will study advanced topics in computer science and its specific applications in web development. Students work towards industry standard skills and approaches to web development, primarily focusing on the planning and development of portfolio-ready projects.

Prerequisite: Computing Science 20

Financial Management

Financial Management 10 five 1 credit courses

Financial Management 10 is a combined introductory and intermediate level course that will introduce students to the accounting cycle and the theory of double-entry bookkeeping. Students will be introduced to the preparation of key financial statements for a service business. This process includes the preparation of journals, ledgers, and simple financial statements. Students who are successful in this course will be in a strong position for first year post-secondary financial accounting courses.

Prerequisite: None

Financial Management 20 five 1 credit courses

In Financial Management 20, students will learn the accounting procedures for a merchandising business. Students will have the opportunity to utilize computer software to generate financial reports.

Prerequisite: Financial Management 10

Financial Management 30 five 1 credit courses

Financial Management 30 builds on students' prior understandings learned from Financial Management 10 and 20. Students will study: Advanced Accounting, Management Accounting, Capital Accounting, and Personal Investment Planning. This course will enable students to improve their Personal Financial Literacy.

Prerequisite: Financial Management 20

Legal Studies

Legal Studies 10 (Intro) five 1 credit courses

This course introduces public, private, and relationship/family law. This course will include debates, discussions, case studies, and mock trials. Legal Studies 10 is intended to be fun, informative and inspiring.

Prerequisite: None

Legal Studies 20 (Inter) five 1 credit courses

This course enables students to gain a deeper understanding of the Canadian legal system. An emphasis is placed on aspects of law that have a particular relevance to the young citizen. Topics investigated may include, but are not limited to: employment law, environmental law, Aboriginal law, and law of the traveler. Students will learn through case analysis, current events, film clips, guest speakers, and peer presentations. To be successful in this course, students must have a sound command of the English language, enjoy reading and writing, and be prepared to participate in lively discussions and question periods.

Prerequisite: None. Preference will be given to students who have completed Legal Studies 10.

Legal Studies 30 (Adv) five 1 credit courses

Law is a critical element of our culture. The purpose of this course is to provide students with an opportunity to investigate a wide range of legal issues that impact their daily lives. Topics investigated may include, but are not limited to: property law, negligence, criminal law, dispute resolutions, and landmark decisions. Students will learn through case analysis, current events, film clips, guest speakers, and peer presentations. To be successful in this course, students must have a sound command of the English language, enjoy reading and writing, and be prepared to participate in lively discussions and question periods.

Prerequisite: None. Preference will be given to students who have completed Legal Studies 20.

Health, Recreation & Human Services (HRH)

Community Child Care

Community Child Care 30 up to eight 1-credit courses

Students enrolled in Child Care Studies can earn up to eight 1-credit 30 level courses in an interactive, multi-dimensional learning environment. This course combines on-campus activities with an online government certification course and practical experience at the *YMCA Brookfield Child Development Centre*. Students investigate the roles and responsibilities of a childcare worker and develop communication and observational skills for guiding behavior. Students will prepare for entry level employment within a child care environment and will demonstrate the knowledge and skills required to play with, care for, and manage school-aged children. All students receive training (and optional certification, if needed) in Childcare and Standard First Aid (SFA) and CPR (Canadian Red Cross), as well as be eligible to apply for their [Government of Alberta Child Development Assistant \(previous Level 1\) certificate](#).

Note: Students enrolled in Child Care Studies must obtain a Police Information Check (PIC), including a vulnerable sector check, and their Standard First Aid and CPR certifications (offered as part of Child Care Studies) prior to beginning the mandatory off-campus practicum at the YMCA. Open to students of all grade levels.

Prerequisite: None

Estimated course fee: \$140 (\$90 First Aid Certification, \$50 course materials)

Cosmetology

Cosmetology 10 (Intro) five 1 credit courses

This course offers introductory and exploratory exposure to the Cosmetology industry. The course will introduce students to basic hair, skin, and nail care services. Students will complete a variety of theory projects as well as practical work on mannequins and classmates.

Prerequisite: None

Estimated course fee: \$70

Cosmetology 20 (Inter) six 1 credit courses

This course is designed for students who are interested in Cosmetology but are not seeking credentials. Students in this program will build on the skills they learned in Cosmetology 10 and develop more advanced hairstyling techniques, as well as manicuring, skin care, hair coloring, haircutting, and chemical texturizing. Students must have successfully completed the prerequisites in the Cosmetology 10 modules they wish to study at the 20-level. This course will fill one period during one semester. Students will be expected to do practical work on mannequins, each other, and some clients.

Prerequisite: Varies depending on modules

Estimated course fee: \$80

Cosmetology 30 (Adv) six 1 credit courses

This course is designed for students who are interested in Cosmetology but are not seeking credentials. Students in this program will build on skills they learned in Cosmetology 20, working to develop more advanced skills in hairstyling, braiding, manicuring, skin care, make up, and spa awareness. This course will fill one period during one semester. Students will be expected to complete practical work on each other and some clients.

Prerequisite: Varies depending on modules

Estimated course fee: \$80

Cosmetology 20/30 (Inter/Adv) Apprenticeship Pathway

This course is designed for students who have a passion for Cosmetology and wish to pursue it as a career. Students in this course must complete 50 modules during 1400 hours of classroom instruction. These students must be highly committed and professional. Students will build on the skills they learned in grade 10 and begin to develop new, professional skills in the areas of hairstyling, haircutting, hair coloring, chemical texturizing, and salon business. This course fills 2 blocks of the timetable for both semesters and requires a high level of commitment. Student attendance is tracked and any hours that are missed must be made up. Students will be required to participate in a 'client service night' that will occur outside of the regular timetable. Students in this class will be expected to do practical work on clients and to demonstrate professional salon behavior.

Prerequisite: Varies depending on modules

Estimated course fee: \$80

First Responder

First Responder 10 (Intro) five 1 credit courses

Throughout First Responder 10, students are introduced to and supported by First Responder agency professionals. This allows students to be of service to others, make their school and community safer, learn important life skills, obtain emergency medical training, and explore the medical sciences before leaving high school. This is a meaningful program that supports student learning, school safety, wellness, leadership, teamwork, community involvement, and it provides students with an idea of what a career in the First Responder field may be like. The First Responder course trains and certifies individuals in Standard First Aid in order to arrive at and respond to an emergency to assess hazards, provide efficient, effective, and accurate pre-hospital care. Students assess patients for wounds to determine if trauma, shock, burns or closed airways are a problem and how to address those issues by dressing wounds, stabilizing the patient, and providing basic life-saving measures. They immobilize patients and address common emergency medical issues with basic treatments, prior to the arrival of Medical First Responders. The course introduces some of the specialized training for Fire Fighters such as low visibility dexterity and orientation drills and the use of NFPA standard structural fire-fighting gear and SCBA to perform basic search and rescue strategies and victim location. This course includes a variety of hands-on, industry-standard, practical experiential learning opportunities.

Prerequisite: None

Estimated course fee: \$75 (\$40 First Aid Certification, \$35 Supplies). Option to Buy Full Kit: \$90

First Responder 20 (Inter) five 1 credit courses

This course is for students who have demonstrated success with First Responder 10 (Intro) and continue to have an interest in being of service to others, making their school and community safer, learning important life skills, obtaining higher-level emergency medical training, and further exploring the medical sciences as a career as a First Responder. Students will have continued access to and support from First Responder Agency Professionals. This course will focus on dealing with more advanced first aid concepts and training on the use of AED's as well as how to deal with traumatic type injury care and specialized life-saving emergency measures to use wound packing and tourniquets to "Stop the Bleed – Save A Life Trauma Care Response." Students will receive First Responder safety-focused training on specific topics including basic fire behavior and general fire safety, electrical safety, ladder safety, hazard assessment, and HAZMAT basic awareness and response. The course will build on the First Responder 10 program outcomes of orientation drills and basic search and rescue

tactics and develop tactical and critical thinking skills and rational thinking to deal with confined spaces and entrapment exercises to simulate a firefighter escape during building collapse scenarios as one of the major projects for the course. This course includes a variety of hands-on, industry standard and practical experiential learning opportunities.

Prerequisite: First Responder Introduction

Estimated course fee: \$75 (\$40 First Aid Certification, \$35 Supplies). Option to Buy Full Kit: \$90

First Responder 30 (Adv) five 1 credit courses

Students who continue to have an interest in pursuing a career as a First Responder after the successful completion of the First Responder 20 (Inter) program should register for this course. Students will have continued access to and support from First Responder Agency Professionals. This course will focus on students completing the highest level of First Aid certification: Health Care Provider (HCP). Students will explore the legalities of an Emergency First Responder and deal with the ethical and legal issues concerning emergency care as well as the Professional Standards & Ethics that govern First Responders. Students will also develop an understanding of the impact of job stressors on a first responder and how exposure to such events and emergency scenes can affect a first responder's mental health. Students will then explore the support networks and organizations that exist as well as the internal support structure provided with Critical Incident Stress Management (CISM) Teams. Students will also develop an understanding of the Incident Command Structure that exists in First Responder Agencies, which will lead to the major project for the course. The major project for the course is a planned and organized multi-agency response to a natural disaster or a mass casualty incident where First Responder Agencies work together to bring order and control of such an event. This course includes a variety of hands-on, industry standard and practical experiential learning opportunities.

Prerequisite: First Responder Intermediate

Estimated course fee: \$75 (\$40 First Aid Certification, \$35 Supplies). Option to Buy Full Kit: \$90

Foods Culinary Arts

Foods Culinary Arts 10 (Intro) five 1 credit courses

Whether a student wants to acquire valuable life skills or to pursue a career in the food service industry, Culinary Arts will interest and inspire them. This class prepares food for the school cafeteria and catering. Emphasis is placed on safety, basic measurement, practical application, technique development, and employability skills. A key element of the course will be the preparation of recipes, focusing on safe and sanitary food handling practices based on industry standards. Each course contains theory, practical, and assessment components. A provincial food safety certification is required for this level and to be able to proceed to the next level.

Prerequisite: None

Estimated course fee: \$100

Foods Culinary Arts 20/30 (Inter/Adv) five 1 credit courses for each level

In Culinary Arts 20/30, students will continue to develop the skills needed to work in a commercial kitchen. Kitchen leadership skills will be encouraged and developed. Safe and sanitary food handling practices based on industry standards will continue to be emphasized. Each course contains theory and practical assessment components.

Prerequisite for Culinary Arts 20: Culinary Arts 10

Prerequisite for Culinary Arts 30: Culinary Arts 20

Estimated course fee: \$100

Culinary Arts Apprenticeship Pathway

Alberta high school students who successfully complete all courses in a Career and Technology Studies (CTS) Apprenticeship Pathway are eligible to write the Apprenticeship and Industry Training exam for advanced standing in the first period of technical training for that trade. Following high school completion, a student can register as an apprentice by obtaining employment with a sponsor of apprenticeship, signing a Contract of Apprenticeship with the employer and Apprenticeship and Industry Training; the student must meet the entrance requirements for the trade. For further information and requirements please speak to the program teacher.

Estimated course fee: \$100, in addition to other certification fees.

Sports Medicine

Sports Medicine 10 (Intro) five 1 credit courses

Sports Medicine 10 includes an extensive introduction to anatomy (bones, muscles, and joints) and their relation to athletic injuries. Modules may include: Musculo-Skeletal System 1, Injury Management 1, Health and Wellness Fundamentals, and Technical Foundations for Injury Management. Students will also become CPR & AED certified by the Canadian Red Cross. The practical component of the course will involve an introduction to athletic taping and wrapping. Students will be required to complete 15 observational hours of athletics, outside of regular school hours.

Prerequisite: None

Estimated course fee: \$100

Sports Medicine 20 (Inter) five 1 credit courses

Sports Medicine 20 includes the study of human physiology, athlete health and performance, and an introduction to injury rehabilitation. Recognition and treatment of injuries is the focus; students will learn by using their background in anatomy and through progressive teaching of more advanced taping and wrapping skills. Modules may include: *Anatomy of Joints, Injury Management 2, Pain and Pain and Management, Standard First Aid and CPR with AED Certification, and CTS Project credit* (which involves the opportunity to train a JCSHS athletic team). Students will be required to complete a minimum of 25 hours as trainers; therefore, students must be prepared to dedicate a significant amount of time before and after school within the training environment.

Prerequisite: Sports Medicine 10

Estimated course fee: \$140

Sports Medicine 30 (Adv) five 1 credit courses

Sports Medicine 30 is designed for anyone with an interest in advanced anatomy and physiology, or those students interested in pursuing Kinesiology, Physiotherapy, and other related medical fields. Students are introduced to a variety of post-secondary opportunities and advanced rehabilitative methods within the city. Modules available to students may include Human Movement, Injury Management 3, Health Care Provider & CPR Recertification, CTS Project credit as Head Trainer within our own Raven Athletics.

Prerequisite: Sports Medicine 20

Estimated course fee: \$140

Sports Performance

NOTE | All levels of Sports Performance are extremely rigorous and physically demanding courses and should only be requested by students desiring high performance levels of physical fitness.

Sports Performance 10 (Intro) five 1 credit courses

With the increasing demand on athletes today, this course will focus on the development of an individual's fitness as it relates to improving performance in sport. Topics of study include aerobic training, strength training, flexibility training, agility training, power training, speed training, nutrition, hydration, and goal setting.

Prerequisite: None

Estimated course fee: \$100

Sports Performance 20/30 (Inter/Adv) five 1 credit courses for each level

Students in this course will have the opportunity to investigate, develop, and implement a fitness program specifically for their high-level sport. Students should be athletes at a competitive level. Strength, speed, agility, power, flexibility, endurance, and core stability will all be implemented.

Prerequisite for Sports Performance 20: Sports Performance 10

Prerequisite for Sports Performance 30: Sports Performance 20

Estimated course fee: \$100

Sports Performance Elite Athlete Pathway 10/20/30 five 1 credit courses for each level

The purpose of this course is to provide opportunities for students who are also involved in elite athletics to take part in a more targeted program. The Sports Performance Pathway course will provide some credit for the hours students are already putting into their sport(s) while providing them with a variety of opportunities to learn and grow as student athletes. Guest speakers/instructors will present in the areas of nutrition, yoga, Olympic Lifting and Sports Psychology. *NOTE: This class will take place outside of the timetable twice per week from 7:30am to 8:30am.*

Prerequisite for Sports Performance EAP 20: Sports Performance EAP 10

Prerequisite for Sports Performance EAP 30: Sports Performance EAP 20

Estimated course fee: \$140

Media, Design & Communication Arts (MDC)

Design Studies

Design Studies 20/30 (Inter/Adv) 5 credits in Design Thinking for Innovation LDC

Students will apply their understanding of design methodologies by taking on a long-term design project of personal relevance. Students develop their own projects in whichever design field they are interested in and passionate about and work through a self-directed design process for the entire semester. At this level, students can also optionally take up architectural design as their chosen field and can learn to use Autodesk Revit to aid in their process. Students at this level should be comfortable in an unstructured learning environment and should have strong time management skills. Design 20/30 can be used as a complementary course to other CTS or fine-arts electives to explore the design-based aspects of those fields more deeply through long-term project development.

Prerequisite: Design Studies 10/20 or strongly demonstrated disciplinary knowledge, creative capacity, and self-motivation

Estimated course fee: \$50

Multimedia

Multimedia 10 (Intro) five 1 credit courses

This course will introduce students to the 3P model of media production: pre-production, production, and post-production. Students will explore the art of storytelling through a variety of media, including 2D and 3D animation, as well as TV video production. Through an exploration of audio, video, animation, and media analysis, students will practice and enhance basic skills in media production that will be beneficial in all course work. In this course, students will use Creative Cloud by Adobe as well as 3Ds animation software for computer modeling.

Prerequisite: None

Multimedia 20 (Inter) five 1 credit courses

As an extension of Multimedia 10, students in Multimedia 20 will refine and expand their knowledge, understanding and practice of media production. At this level, students will make use of green screen techniques, camcorders for recording video, and cutting-edge animation software. This course will prepare students for advanced media studies.

Prerequisite: Multimedia 10

Multimedia 30 (Adv) five 1 credit courses

At our most advanced level of study, students focus their learning through the design and selection of specific courses unique to individual needs. Some areas of focus may include film production, audio production, animation, and video production. Students are encouraged to combine courses into larger design units in order to produce portfolios that will promote their acceptance into post-secondary study. Students will use Adobe Creative Cloud, Autodesk Programs, and professional quality audio and video equipment.

Prerequisite: Multimedia 20

Photography

Photography 10 (Intro) five 1 credit courses

This introductory course will explore the fundamentals of using a Digital SLR camera. Students will use manual settings (aperture and shutter speed) to capture the elements and principals of a photograph. They will critically assess their pictures' composition, lighting, and details, and make adjustments using current photography software (Adobe Lightroom and Photoshop). Additionally, students will explore some basic concepts in Graphic Design and use Photoshop to develop some of those skills. Projects will be given to develop individual and team problem solving designs using a variety of electronic presentations.

Prerequisite: None

Photography 20 (Inter) five 1 credit courses

This intermediate course will provide an opportunity for students to further develop their Digital SLR camera knowledge and techniques. Students will delve deeper into the photographic process, learning more about the camera, its various lenses, and the power of its settings. Students will reflect on the artistic process and apply a critical eye to their world and the art they create. Intermediate students will be introduced to electronic layout and publishing techniques, and storytelling with photographs.

Prerequisite: Photography 10

Photography 30 (Adv) five 1 credit courses

This advanced course will give students the opportunity to create a portfolio of work that challenges their creativity from a journalistic perspective, enhancing their media and technology literacy. Students will be introduced to staged lighting, creating 'High Fashion' settings for their subjects utilizing such equipment as strobe lights, soft boxes, and photo filters. Students will create art through photography, printing, and digital imaging.

Prerequisite: Photography 20

Natural Resources (NAT)

Outdoor Pursuits

Outdoor Pursuits 10 (Intro) five 1 credit courses

Outdoor Pursuits 10 fosters an understanding and appreciation of the environment around us. Students will be exposed to opportunities and experiences to create a life-long love of outdoor recreation while possessing the knowledge and skills required to safely participate in the outdoors. Students will also examine how to be outdoor enthusiasts while developing an understanding of how to protect our environment. Students will be expected to take part in two mandatory days and one overnight off-campus trip to enhance learning and to complete some modules. The course fee does not include the cost of field trips. Depending on travel locations, field trip fees will be assessed at the time of the course.

Prerequisite: None

Estimated course fee: \$25, plus the cost of field trips

Outdoor Pursuits 20/30 (Inter/Adv) five 1 credit courses for each level

Outdoor Pursuits classes foster an understanding and appreciation of the environment around us. Students will be exposed to opportunities and experiences to create a life-long love of outdoor recreation while possessing the knowledge and skills required to safely participate in the outdoors. Students will also examine how to be outdoor enthusiasts while developing an understanding of how to protect our environment. In order to build on skills learned in Outdoor Pursuits 10, there will be mandatory single-day and multi-day off-campus trips to enhance learning that students will be expected to participate in. Students are expected to stay on top of their studies in their other classes to participate in these trips, as they are required to complete outcomes in certain modules. The course fee does not include the cost of field trips. Depending on travel locations, field trip fees will be assessed at the time of the course.

Prerequisite Outdoor Pursuits 20: Outdoor Pursuits 10

Prerequisite Outdoor Pursuits 30: Outdoor Pursuits 20

Estimated course fee: \$25, plus the cost of field trips

Trades, Manufacturing & Transportation (TMT)

Construction Technology

Construction Technology 10 (Intro) five 1 credit courses

Construction Technology 10 focuses on reading, developing, and drawing accurate plans, solving construction related problems and developing safe and efficient work habits in a construction environment. Students will build several projects intended to teach the fundamentals of woodworking. The students will be expected to pay for the cost of materials for their projects. The course is best suited for students with strong independent work habits.

Prerequisite: None

Estimated course fee: \$140

Construction Technology 20/30 (Inter/Adv Multi-level) five 1 credit courses at each level

Construction Technology 20/30 is designed for students who enjoyed and excelled in Construction Technology 10. Each year, students will use complex and multi-faceted plans to develop and build a cabinet or small furniture project. Students will use a variety of construction techniques developed for solid wood and manufactured material construction. Students will build several project components and will be responsible for the cost of their materials. This is a fast-paced and highly demanding course. Students will need a high level of maturity and motivation as well as strong independent working skills. Students may enroll in this course twice, with the expectation of earning 5 credits each time.

Prerequisite: Construction Technology 10 (Intro)

Estimated course fee: \$140

Robotics

Robotics 10 (Intro) five 1 credit courses

Robotics 10 students will explore topics in basic electrical circuit analysis and assembly, as well as computer aided design (CAD) for part modeling and 3D printing. The course fee covers students' electronics components kits as well as consumable material for 3D printing.

Prerequisite: None

Estimated course fee: \$100

Robotics 20/30 (Inter/Adv) five 1 credit courses for each level

Robotics 20 and 30 classes work together as a team to develop a robot to compete within the FIRST Tech Challenge robotics competition. As a part of a larger team, students have the flexibility to explore and engage with specific topics and systems within robotics design that fit their individual interests. The course fee covers competition registration, students' toolkits, and consumable materials used by the class.

Prerequisite for Robotics 20: Robotics 10

Prerequisite for Robotics 30: Robotics 20

Estimated course fee: \$100

Work Experience, RAP, Green Certificate, Unique Opportunities and Off-Campus Education

Work Experience 15/25/35 up to 30 credits

Work Experience allows students to gain practical knowledge, enhance their skills, confirm career decisions, and form attitudes that will assist them in their transitions from school to the world of work. Students in grade 10, 11 and 12 can enroll. The prerequisite course HCS 3000 (Workplace Safety Systems) must be completed before any off-campus education credits will be awarded. Existing part-time jobs may be eligible as a Work Experience placement, provided the student can demonstrate that new learning is occurring.

Prerequisite: HCS 3000

Registered Apprenticeship Program (RAP) up to 40 credits

The Registered Apprenticeship Program is an excellent opportunity for students who know they want to enter a trade to “earn while you learn.” This program usually begins during the summer after grade ten. The student selects a trade and is placed into a 125 hour Work Experience (5 credits) which serves as a probationary period. Successful students are then indentured and can earn up to 40 Registered Apprentice credits toward graduation. The student’s timetable is adjusted to accommodate the RAP program. By graduation, the student may have completed the hours needed for the first year of an apprenticeship and be ready to apply for the training weeks at a post-secondary institution.

Prerequisite: HCS 3000

Green Certificate Program 16 possible credits

The Green Certificate Program is an apprenticeship-style training program serving the agricultural industry. There are four areas of specialization:

- Cow-calf, Feedlot, Sheep, Swine, Dairy
- Field Crop, Irrigated Crops
- Beekeeping
- Equine

Prerequisite: AGR 3000

Unique Opportunities and Off-Campus Education

The CBE partners with post-secondary institutions, businesses, and organizations to offer a wide range of off-campus courses and work experience opportunities for students. Students interested in Dual Credit, Exploratory, and Off-Campus Programs should speak to the JCS Off-Campus Coordinator. [More information](#) can also be found on the Calgary Board of Education website.

- All of the above require special programming, planning, and timetabling.
- In all CTS courses, students will have the potential to earn up to 3 credits per term or 6 credits per semester.
- Students must have the prerequisite CTS credits before moving to higher levels.
- If you have any questions, please contact the JCS Off-Campus Education Coordinator, Mr. Gelfand at regelfand@cbe.ab.ca.

Complementary Courses

Aboriginal Studies

Aboriginal Studies 10–20–30 provides a conceptual framework for all learners to enhance understanding of the diverse Aboriginal cultures within their region, Canada, and the world. The goal of Aboriginal Studies 10–20–30 is to increase the knowledge of the learner about the past, present, and future of Aboriginal peoples. Students will examine how Aboriginal peoples are striving toward maintaining and promoting cultures and identities that reflect values based on respect for the laws of nature and a continual pursuit of balance among individuals, the family unit, the larger community, and global community context. The term “Aboriginal” refers to First Nations, Métis, and Inuit.

New! Aboriginal Studies 10 5 credits

Aboriginal Studies 10 is based on perspectives and worldviews of Aboriginal peoples. It includes the study of traditions and history of Aboriginal peoples in Canada, particularly in Alberta. Student learning outcomes provide opportunities to examine such topics as governmental structures, literature, the arts, and the sciences.

The four themes in Aboriginal Studies 10 are:

- Origin and Settlement Patterns
- Aboriginal Worldviews
- Political and Economic Organization
- Aboriginal Symbolism and Expression

Prerequisite: none

Estimated course fee: \$25 for field trips

New! Aboriginal Studies 20 5 credits

Aboriginal Studies 20 focuses on Indigenous people from a Canadian and Albertan perspective. It includes the study of policies, legislation, conflict, and cultural change.

The four themes in Aboriginal Studies 20 are:

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

Prerequisite: Aboriginal Studies 10

Estimated course fee: \$25 for field trips

New! Aboriginal Studies 30 5 credits

Students will gain a greater understanding of the current issues facing Aboriginal peoples worldwide. Aboriginal Studies 30 enables students to demonstrate an understanding of the issues of Aboriginal rights and self-government, Aboriginal land claims, Aboriginal peoples in Canadian society, and Aboriginal world issues.

The four themes in Aboriginal Studies 30 are:

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

Prerequisite: Aboriginal Studies 20

Estimated course fee: \$25 for field trips

New! Black North American Cultural Studies 5 credits

In Black North-American Cultural Studies 30, students will explore, analyze, and evaluate the history, culture, current trends, and changes in Black North-American culture. As students learn about North-American Black Cultural Studies, they will explore: the historical and sociocultural roots of Black African arrival to North America; the impending social, political, and economic struggles and development of Black communities in Canada and North America; culture and artistic development trends and changes; revolution or resistance movements; and current cultural and political changes in Black North America. Students will learn different sociological and anthropological theories and consider minority, First-Nations, Métis, Inuit (FNMI), and People Of Colour (POC) experiences in society to Black experiences in North America.

This course may include the exploration of sensitive issues around social-emotional wellness, trauma, historical legacy of imperialism, economic and political rights activism, theoretical frameworks that discuss race, gender, minority imposition and human struggle, or current political topics relevant to course content. Course instruction will be directly approached through trauma-informed practice throughout the duration of the course. Students are advised to use their discretion and take diversity and inclusion policies into consideration when addressing sensitive or controversial topics and issues. Personal narratives and lived cultural experience and community knowledge is a decolonized and valid form assessment.

Prerequisite: None. Preference will be given to Grade 12 students

Estimated course fee: none

Creative Writing and Publishing

Creative Writing and Publishing 15/25/35 5 credits for each level

Through participating in the writing and publication process, students will use relevant technologies to create their own texts and follow those texts through the editing, publishing, and marketing processes. A variety of genres and formats will be explored.

Prerequisite Creative Writing 15: None

Prerequisite Creative Writing 25: Creative Writing 15

Prerequisite Creative Writing 35: Creative Writing 25

Estimated course fee: \$5

English Language Learning

English Language Learning 3-5 credits

ELL students may be required to complete an English language assessment upon arrival in order to determine their language proficiency level and ELL class placement. The focus of all levels is to develop English communication skills including reading, writing, listening, and speaking. Canadian culture and academic skills are also taught. Advancing to the next level is dependent upon the student's competency in mastering the language requirements. Other courses will be included in the student's timetable, and we will try to tailor each timetable to reflect each individual student's interests, goals, and English level.

Prerequisite: None

Forensic Studies

Forensic Studies 25/35 3 credits for each level

Forensic Studies is the study of the collection and subsequent application of evidence related to solving crimes. Throughout this course, students explore the several types of evidence present in a crime scene and analyze evidence to make inferences. Students will also learn how basic scientific concepts influence this field of study. Topics covered in Forensic Studies include Evidence and Fingerprint Analysis, Trace Evidence, Detection of Impaired Driving, Polygraphing and Document Analysis, and Forensic Genetics. Due to the graphic nature of some course material, this course may not be suitable for everyone.

Prerequisite: Science 10

Estimated course fee: \$21

Leadership, Character & Social Responsibility

Leadership 15/25/35 5 credits for each level

The emphasis of these courses is leadership, character development and social responsibility in local and global contexts. Students will demonstrate their understanding of the critical values and attitudes needed to become a leader. Students will actively engage in the delivery and scope of this class by leading various in-class and out of class activities, events, and projects. This engagement will empower students to take a leadership role and apply what they have learned throughout their exploration of leadership. Students will explore their leadership style, including their personal interests, passions, and an understanding of their social responsibilities. Leadership 15, 25, and 35 are courses that will be of great interest for students who are passionate about making a difference within their leadership class, school, and the greater community.

Prerequisite Leadership 15: None

Prerequisite Leadership 25: Level 15 recommended

Prerequisite Leadership 35: Level 25 recommended

Estimated course fee: \$30

Learning Strategies

Learning Strategies 15 3 to 5 credits

Learning Strategies 15 is an introductory course where students recognize that there are a variety of learning styles and learning preferences. They will investigate and identify their own learning strategies, challenges, aptitudes, interests and affinities. This personal connection to learning will maximize their learning potential and increase academic success.

Prerequisite: None

Learning Strategies 25 3 to 5 credits

Students in Learning Strategies 25 will identify specific qualities of their personal learning styles and preferences, while demonstrating knowledge of personal learning. As students work towards achieving independence as learners, they will refine their repertoire of accommodations and strategies. This will maximize their learning potential as they reassess their strengths and limitations as learners. This cycle of awareness, responsibility, accountability and reflection will be instrumental for students at this level to find success as independent learners who are able to self-advocate.

Prerequisite: Learning Strategies 15

Learning Strategies 35 3 to 5 credits

At the 35 level, students are expected to apply knowledge of, and communicate clearly about, their personal learning styles and preferences in a variety of contexts. As a result, they will demonstrate their awareness of how these styles and preferences impact their personal learning. They will be able to independently apply, modify and reflect upon the effectiveness of organizational and management strategies in various settings. Senior students will independently self-advocate so that they are able to manage their own learning as they leave high school and become life-long learners.

Prerequisite: Learning Strategies 25

Mathematics

Competencies in Math 15 5 credits

Competencies in Math 15 will cover topics including number sense, logical reasoning, measurement, algebra, graphical reasoning, statistics, and probability. The course will enhance numeracy skills in students, develop their critical thinking and problem solving abilities, and set them up for success in future courses in mathematics.

Prerequisite: none

Note: Math complementary courses do NOT replace the required Math for courses for a Diploma or Certificate of High School Achievement.

Physical Education

Physical Education 20 5 credits

This intermediate course focuses on active living through experiences in a wide variety of lifestyle sports and activities. Golf, tennis, bowling, kayaking, wall climbing, curling, racquetball, squash, and billiards are a sample of what will be offered in this exciting and energetic course. Students will be expected to build on skills, knowledge, and attitudes gained in PE 10 and should be prepared to be active every day. Much of the course is off-site so students must be prepared to take on the responsibilities of representing our school in the community. There is no set course fee, as availability of activities will determine course cost

Prerequisite: Physical Education 10

Estimated course fee: \$250 maximum

Physical Education 30 5 credits

This senior course builds on the knowledge and experience gained in PE 20. Students will be challenged to perform at higher individual levels in various on and off campus activities. All the lifestyle sports and activities offered in PE 20 will also be offered in PE 30 (see above for details). Students will be expected to show stronger leadership skills as peer teaching, and self-evaluation are important aspects of this program. Much of the course is off-site, so students must be prepared to take on the responsibilities of representing our school in the community. There is no set course fee for this course, as availability of activities will determine course cost

Prerequisite: Physical Education 20

Estimated course fee: \$250 maximum

Psychology and Sociology

Psychology 20 (General and Personal) 3 credits for each course

Throughout Psychology 20, students explore views on general and personal psychology, examine different mental health disorders, and learn about research methodology in psychology. In addition to these core elements of the course, students examine the roles and responsibilities of how to manage legal and ethical responsibilities when working in helping relationships.

Prerequisite: Must be a grade 11 or 12 student

Sociology/Psychology 30 3 credits for each course

In this course, students will gain a comprehensive understanding of Psychological and Sociological Schools of Thought. The two courses that make up this particular course are Experimental Psychology 30 and Applied Sociology 30.

Prerequisite: Grade 12 students

Yoga

Yoga 15/25/35 5 credits at each level

This course is about overall personal health and fitness. It will introduce students to the basic postures, breathing techniques, and relaxation methods of Yoga using a Vinyasa flow style. This unique program is designed as a fusion of fitness and yoga which will allow students to experience the benefits of fitness and yoga. This includes an increase in strength, flexibility, balance, stress relief, mind focus, and concentration. Students will participate in Yoga practice each day as well as learn and apply relaxation techniques to relieve stress and restore the body. Students must provide their own yoga mat.

Prerequisite Yoga 15: None

Prerequisite Yoga 25: Yoga 15

Prerequisite Yoga 35: Yoga 25

Estimated course fee: \$75

Second Languages

NOTE | Students with prior second language experience will need to meet with the Language teacher to get a recommendation for placement.

French as a Second Language

French 10 5 credits

French 10 is a beginner's course designed to prepare students with a practical knowledge of French. Students will focus on basic communication skills and developing their ability to comprehend, speak and write about themselves and the people around them, school, shopping, food, and clothing. In addition, students will explore the local Francophone culture. The focus of this course will be on developing oral language skills through the French Intensive Approach. Students do not need previous language experience. Students with an ability to speak and understand French are encouraged to see the French teacher for appropriate placement.

Prerequisite: None

French 20 5 credits

French 20 continues to build on language skills introduced in French 10. Students will work on refining their communication skills and developing their ability to comprehend, speak and write about relationships, occupations, restaurants, recreational and leisure activities, and daily interactions. In addition, students will explore the Francophone culture within Canada. The focus of this course will be on continuing to develop and refine oral language skills. Students who have successfully completed up to Grade 9 French are recommended to register for the French 20 level course. Please discuss placement with the French teacher.

Prerequisite: French 10 or Grade 9 French with teacher recommendation.

French 30 5 credits

French 30 continues to build on and refine language skills introduced in French 20. Topics of study include but are not limited to: roles and responsibilities, fashion, study and job opportunities, childhood activities, and travel. In addition, students will explore the Francophone culture outside of Canada. Students who have successfully completed an immersion program are recommended to register for the French 30 level course or challenge the French 30 exam. Please discuss placement with the French teacher.

Prerequisite: French 20 or equivalent with recommendation.

Spanish Language and Culture

Spanish 10 5 credits

Spanish 10 is a beginner's course designed to equip students with practical knowledge of Spanish. Students will focus on basic communication skills and developing their ability to comprehend, speak and write about themselves and the people around them, school, daily activities, and celebrations. In addition to a focus on language, students will learn about a variety of Spanish speaking countries and cultural components. No previous Spanish is required.

Prerequisite: None

Spanish 20 5 credits

Spanish 20 continues to build on language skills introduced in Spanish 10. Students will work on refining their communication skills and developing their ability to comprehend, speak and write about foods and restaurants, shopping and fashion, sports, vacation and travel, daily routines, and health and safety. In addition to a focus on language, students will continue to learn about a variety of Spanish speaking countries and cultural components. Students must have Spanish 10 as a prerequisite for this course or have had equivalent experience in the Spanish language. Please discuss placement with the Spanish teacher.

Prerequisite: Spanish 10 or equivalent with teacher recommendation

Spanish 30 5 credits

Spanish 30 continues to build on and refine language skills introduced in Spanish 20. Topics of study include but are not limited to arts and entertainment, music, childhood activities, literature, technology, the world of work and the environment. In addition to a focus on language skills, students will continue to learn about Spanish speaking countries and cultural components. Students must have Spanish 20 as a prerequisite for this course or have had equivalent experience in the Spanish language. Please discuss placement with the Spanish teacher.

Prerequisite: Spanish 20 or equivalent with teacher recommendation

Fine and Performing Arts Programs

Studying Fine Arts helps develop the interests and talents that shape who we are as individuals. In addition, participation in the Arts can develop employability skills such as improvisation, commitment, organization, and problem solving. Enhance your experience in high school by adding some Fine Arts courses and accessing our beautiful Fine Arts spaces.

Fine and Performing Arts Certificate

The Fine and Performing Arts Certificate enables students to highlight their talents in the Fine and Performing Arts. To be granted this certificate, students will need to earn a minimum of 35 credits in one or more areas in Fine and Performing Arts and related courses and take Professional Development in the Arts 35, for a total of 40 credits (see program outline listed with the Fine and Performing Arts courses). Please see the [CBE website](#) for more details.

Leadership in the Arts

Leadership in the Arts 35 3 credits

Leadership in the Arts is a self-directed course that takes place outside of the timetable. This is a required course for any student who wishes to earn the Fine and Performing Arts Certificate. Upon completion of this course, the student will have earned a minimum of 40 credits in this area and will be eligible for this provincial designation on their high school diploma. Leadership in the Arts 35 helps students realistically balance their personal interests and abilities while looking at what it means to work as a professional artist. Students will engage in research, mentoring/job shadowing, and preparation for various post-secondary experiences and art activities beyond high school and within their communities. This will include written and oral personal reflection, resume building, auditions, and/or gallery showings. Most of the course is spent on developing a portfolio of work in a chosen discipline, which demonstrates a personal, artistic style. Students will also purposely reflect upon learning experiences in the Fine Arts disciplines as a cross-disciplinary group.

Prerequisite: 35 credits in Fine and Performing Arts and related courses, by the end of grade 12. See Fine Arts Learning Leader for more information.

Art

Art 10 5 credits

This course introduces the visual arts at the high school level. No previous art courses are required for students to experience success. The art room is a positive and encouraging environment that allows all students to explore new skills and/or refine new techniques through a range of material exploration. In Art 10, students learn to take risks and try new ways of making art. Students will also learn fundamental rules of compositional design so they can turn their initial drawings and planning into finished works of art. There are opportunities to creatively express individuality through various methods of painting, drawing, and sculpture. The art room provides a safe and supportive environment where students learn how to discuss and analyze works of art. This practice allows students to extend their skills and knowledge through positive conversations and collaboration.

Prerequisite: None

Estimated course fee: \$35

Art 20/30 5 credits

Visual Art 20/30 allows students to continue creative exploration through the development of new techniques and mediums. Students will be encouraged to explore and develop a better understanding of their personal interests in art making and style. They will continue to learn about drawing, painting, and mixed media to encourage experimentation and risk taking. The art room is a positive and supportive environment that encourages all students to effectively use their studio time to enjoy the processes of art making. Discussing and analyzing contemporary and historical artists is a fundamental aspect of this course that allows students to learn about the power of influence. Art-related careers and post-secondary options will also be explored as students learn about their opportunities in the Fine and Performing Arts industries.

Prerequisite Art 20: Art 10

Prerequisite Art 30: Art 20

Estimated course fee: \$45

Ceramics (Advanced Techniques)

Ceramics (Advanced Techniques) 15 5 credits

Ceramics (Advanced Techniques) 15 students will have the opportunity to express their ideas using clay as their medium. This course will help students learn the skills, knowledge, and patience needed to produce quality hand-made clay objects. This is a hands-on course for students who are self-motivated, focused, and have the enthusiasm and persistence needed to work with clay daily. We will learn new skills on the pottery wheel as well as a variety of hand-building techniques. Proper use of glazes and learning kiln stacking and firing are also essential elements of this course. The ceramics room is a supportive and collaborative environment where together we find success for every student's creative endeavors!

Pre/Co-requisite: None

Estimated course fee: \$75

Ceramics (Advanced Techniques) 25 5 credits

Ceramics (Advanced Techniques) 25 allows students to continue to develop their technical skills in clay in a positive and engaging manner. Students will develop a better understanding of how the Elements and Principles of Art and Design can be used to enhance their personal style and self-expression. They will develop a richer understanding of glazing techniques and further their skills on the wheel. The ceramics room is a supportive and collaborative environment where together we find success for every student's creative endeavors!

Prerequisite: Ceramics (Advanced Techniques) 15

Estimated course fee: \$75

Ceramics (Advanced Techniques) 35 5 credits

Ceramics (Advanced Techniques) 35 allows students to continue to develop their technical skills in clay in a positive and engaging manner that encourages an in-depth investigation of personal self-expression. Students will be guided through a series of projects that encourage independent planning and project management. Students become aware of how to safely run a ceramic practice in a professional manner. Through positive collaboration with peers, they develop an artistic community that brings forward innovative ideas and ways of thinking in art. The ceramics room is a supportive and collaborative environment where together we find success for every student's creative endeavors!

Prerequisite: Ceramics (Advanced Techniques) 25

Estimated course fee: \$75

Drawing (Advanced Techniques)

Drawing (Advanced Techniques) 15 5 credits

Drawing (Advanced Techniques) 15 will introduce students to artistic practice and investigation of drawing media, styles, and composition. Exploration of traditional and modern art concepts will enhance students' self-confidence in creative thinking, realism, and symbolic representation. This class fosters a safe and supportive environment where students learn how to discuss and analyze works of art. This practice allows students to extend their skills and knowledge through positive conversations and collaboration.

Co-requisite: None

Estimate Course Fee: \$45

Drawing (Advanced Techniques) 25 5 credits

Students will further their practice and investigation of a variety of traditional and contemporary drawing methods, media and surfaces. Students will create visual imagery through the exploration and application of a variety of sources and methods. There will be a focus on students developing an analytical and reflective artistic working process. Students will also work collaboratively to examine and communicate artistic ideas. There will be an emphasis on developing observational drawing skills.

Prerequisite/Corequisite: Advanced Drawing 15 or Art 10

Estimated course fee: \$45

Drawing (Advanced Techniques) 35 5 credits

Students will develop a portfolio of works that will reflect personal style and showcase students' artistic development. Students will manipulate traditional sources, art history and cultural references to solve student and teacher generated challenges or objectives in their compositions. There will be an emphasis on observational drawing. Non-traditional formats, media and composition will also be explored.

Prerequisite/ Co-requisite: Advanced Drawing 25 or Art 20

Estimated course fee: \$45

Painting (Advanced Techniques)

Painting (Advanced Techniques) 15 5 credits

Painting (Advanced Techniques) 15 will introduce students to artistic practice and investigation of paint media. A primary focus on painting from observation allows students to develop proper portions as well as compositional techniques within their images. Students will explore a broad range of artistic styles as they develop both traditional and non-traditional brush techniques. Advanced Painting provides a safe and supportive environment where students learn how to discuss and analyze works of art. This practice allows students to extend their skills and knowledge through positive conversations and collaboration.

Pre/Co-requisite: None

Estimated course fee: \$75

Painting (Advanced Techniques) 25 5 credits

Painting (Advanced Techniques) 25 students will investigate complex color relationships, examine how subject and content can communicate meaning in painting and extend their knowledge of painting through the experimentation of various brush techniques and materials combinations. Advanced Painting provides a safe and supportive environment where students learn how to discuss and analyze works of art. This practice allows students to extend their skills and knowledge through positive conversations and collaboration.

Prerequisite: Painting (Advanced Techniques) 15 or Art 10

Estimated course fee: \$75

Painting (Advanced Techniques) 35 5 credits

Painting (Advanced Techniques) 35 encourages students to bring forward and investigate personal content and messaging in their images. Students will narrow in on their choice of personal style and brush technique as they explore the artworks of influence. Through continued conversations and collaboration, they will work and create a positive studio environment where they will learn and work with others. Formal critiques, written reflections and informal group discussions will help students integrate the vocabulary analyzing and interpreting the painting process as a form of communication. This practice allows students to extend their skills and knowledge through positive conversations and collaboration.

Prerequisite: Advanced Painting 25 or Art 20

Estimated course fee: \$75

Dance

All dance classes have a performance element. Dances learned in class will be presented at school shows, where dancers have the opportunity to learn and demonstrate all the elements of a rehearsed and polished performance.

Dance 15 5 credits

Senior high Dance seeks to develop personal and social growth through dance experiences, and an understanding of dance as an art and means of self-expression. Students will be provided with the opportunity to explore a variety of dance styles that may include jazz, hip hop, ballet, lyrical, tap, Bollywood, hoop, modern, and student-created dances. Dance technique, creativity, choreography, performance, safety, anatomy, history, and dance awareness are integral components of the program. In addition, positive interaction skills such as cooperation, consideration for others, and self-discipline will be stressed. Students will be evaluated based on their competencies, choreography memorization, personal growth, and in-class and stage performances.

Prerequisite: None

Estimated course fee: \$75

Dance 25 5 credits

Dance 25 challenges students to improve the dance skills that were developed in Dance 15. As students grow as dancers, they will also have an opportunity to develop leadership skills by creating dance warm-ups, and exercises. Collaboration and contribution to class choreography will also be explored.

Prerequisite: Dance 15

Estimated course fee: \$75

Dance 35 5 credits

Dance 35 sequentially develops dance technique and skills learned in Dance 25. Emphasis is placed on developing leadership skills and creating choreography. Students will also have the opportunity to teach and perform that choreography with other students.

Prerequisite: Dance 25

Estimated course fee: \$75

Music—General

Music students at JCS are offered numerous performances and travel opportunities throughout the year in both our Choral and Instrumental Music Programs. Active participation and commitment are a fundamental part of success for all music courses. Students of all abilities and experience are welcome. If you have any questions about music classes at Joane Cardinal-Schubert please contact Heidi Wood hcwood@cbe.ab.ca (Choral Music), or Victoria Scott viscott@cbe.ab.ca (Instrumental Music).

New! General Music 10: 21st Century Music 5 credits

Students will explore music through online Digital Audio Workstations/ production platforms, listening to and sharing 20th & 21st century music, interpreting and understanding basic music notation, understanding the history of modern music making (History of Rock and Roll, Pop, Jazz, etc.) and so much more. This is not a performance-based course, but opportunities will be available for students who wish to perform. No prior musical experience is necessary. Come explore music!

Pre/Co-requisite: None

Estimated course fee: \$20.00

Music—Performance Classes

Performance-based Music courses at JCS are full-year classes. In a typical year, music students at JCS are offered numerous performance and travel opportunities throughout the year in both our Choral and Instrumental Music Programs. Active participation and commitment are a fundamental part of success for all music courses. Students of all abilities and experience are welcome.

If you have any questions about music classes at Joane Cardinal-Schubert please contact the following teachers:

- Choral Music – Heidi Wood at hcwood@cbe.ab.ca
- Instrumental Music – Victoria Scott at viscott@cbe.ab.ca

Instrumental Music

Band 15/25/35 5 credits

Band 15/25/35 is an opportunity to perform in large ensembles and work to master a large variety of concert band music with peers. At JCS, we offer a grade 10 Concert Band (Band 15) and a Grade 11/12 Concert Band (Band 25/35). Typically, we travel to band camp, perform at school events, host concerts, and participate in festival performances. Students registered in Band 15/25/35 will be enrolled in their corresponding Instrumental Music 10/20/30 co-requisite course.

NOTE: This class will take place outside of the timetable twice per week from 7:30am to 8:50am.

Prerequisite Band 15: None

Co-requisite Band 15: Instrumental Music 10

Prerequisite Band 25: Band 15

Co-requisite Band 25: Instrumental Music 20

Prerequisite Band 35: Band 25

Co-requisite Band 35: Instrumental Music 30

Estimated Fees: Instrument rental: \$100.00; Music Course: \$225.00 maximum. Students enrolled in more than one large ensemble will only be charged once.

Instrumental Music 10 5 credits

This course is a continuation of musical learning from Junior High and supplements learning in Band 15. This will include the development of musicality, ensemble playing, tone, range, technique, and instrumental flexibility that allows students to perform challenging repertoire. Music performed will be selected from a variety of periods and styles and tailored to student needs and interests. Music students at JCS are offered numerous performance and travel opportunities throughout the year.

This course is paired with one of the following courses:

- [Choral 10: Musical Theatre and Voice Explorations](#) or
- PE 10 (3 Credits, estimated fee: \$80-\$100) / CALM 20 (3 credits)

Prerequisite: Grade 9 Band or teacher approval

Co-requisite: [Band 15](#) (Instrument Rental Fee: \$100.00)

Estimated course fee: \$75.00

Instrumental Music 20 5 credits

This course is a continuation of musical learning completed in Instrumental Music 10 and supplements learning in Band 25. Students enrolled in Instrumental Music 20 will broaden their knowledge of musicality, ensemble playing, range, technique, tone production, and instrumental flexibility through a variety of performance opportunities including chamber ensembles and large ensemble work. Students embrace leadership roles within the music program and are offered a variety of performance and travel opportunities throughout the year. Music performed will be selected from a variety of periods and styles and tailored to student needs and interests.

This course is paired with one of the following courses:

- [Choral 20](#) or
- a full year spare (every other day)

Prerequisite: Instrumental Music 10 and Band 15

Co-requisite: [Band 25](#) (Instrument Rental Fee: \$100.00)

Estimated course fee: \$75.00

Instrumental Music 30 5 credits

This course is a continuation of student work in Instrumental Music 20 and supplements learning in Band 35. Students enrolled in Instrumental Music 30 will broaden their knowledge of musicality, ensemble playing, range, technique tone production, and instrumental flexibility through a variety of performance opportunities including chamber ensembles and large ensemble work. Student work will build on the skills developed in Instrumental Music 10 and Instrumental Music 20 to help musicians develop their skills to use music beyond high school. Instrumental Music 30 students are leaders in our music program and will be involved in building community within our bands and organizing team-building events. Music students at JCS are offered a variety of performance and travel opportunities throughout the year. Music performed will be selected from a variety of periods and styles and tailored to student needs and interest.

This course is paired with one of the following courses:

- [Choral 20/30](#) or
- a full year spare every other day

Prerequisite: Instrumental Music 20 and Band 25 (or teacher recommendation)

Co-requisite: [Band 35](#) (Instrument Rental Fee: \$100.00)

Estimated course fee: \$75.00

Instrumental Jazz 15/25/35 5 credits

Students enrolled in Instrumental Music 10/20/30 will have the opportunity to audition for placement in one of JCS's Jazz Bands. Student placement in the Jazz I or Jazz II ensemble will be based on a placement audition and teacher conversations in September. Our Instrumental Jazz ensembles meet for class Monday-Thursday (2 days each) from 3:30-5:00pm after school. Being part of a Jazz Ensemble is a great way to broaden your musical understanding and experience performing in a smaller ensemble and different genre. All JCS performing ensembles have numerous performance and travel opportunities throughout the year and allow students to develop their musical performance skills in a variety of settings.

Prerequisite Jazz 15: None

Co-requisite Jazz 15: [Instrumental Music 10](#)

Prerequisite Jazz 25: Jazz 15

Co-requisite Jazz 25: [Instrumental Music 20](#)

Prerequisite Jazz 35: Jazz 25

Co-requisite Jazz 35: [Instrumental Music 30](#)

Instrument Rental Fee: \$100.00

Estimated course fee: \$75.00

Choral Music

Concert Choir 15/25/35 5 credits

Concert Choir is open to all JCS students and focusses on the development of ensemble skills and music literacy as members of a large vocal ensemble (50+ students). No prior experience is required. The Concert Choir is the largest performing group in the vocal program and performs a wide variety of repertoire from all historical periods. We typically have a fall choir camp and perform in a variety of concerts and festivals throughout the year. Concert choir is our main touring ensemble for our spring music tour. Students registered in Choir 15/25/35 will be enrolled in their corresponding Choral 10/20/30 co-requisite course.

NOTE: This class will take place outside of the timetable twice per week from 7:30am to 8:50am.

Prerequisite Choir 15: None

Corequisite Choir 15: [Choral 10](#)

Prerequisite Choir 25: Choir 15

Corequisite Choir 25: [Choral 20](#)

Prerequisite Choir 35: Choir 25

Corequisite Choir 35: [Choral 30](#)

Estimated course fee: \$225 maximum. Students enrolled in more than one large ensemble will only be charged once.

New! Choral 10: Musical Theatre and Voice Explorations 5 credits

This full-year 5 credit course explores musical theatre, chorus work, and singing through the lens of great musicals and choral repertoire. Students will engage in large and small ensemble singing with solo opportunities also available in a supportive class setting. Students will work on developing their voices, understanding music, and experiencing music from both Musical Theatre and Choral Music genres. No prior singing experience is necessary. Students will participate in performances throughout the year.

This course is paired with one of the following courses:

- [Instrumental Music 10](#) or
- PE10 (3 credits, estimated fee: \$80-\$100)/ CALM20 (3 credit)

Pre-requisite: None

Co-requisite: [Concert Choir 15](#)

Estimated course fee: \$75.00

Choral 20/30 (Chamber Choir) 5 credits

In this full-year advanced course, students delve more comprehensively into performance and leadership skills, as well as vocal technique, music appreciation, and music literacy including music theory, history, ear training, and notation, as well as developing more confidence in music making in a supportive class setting. Students will be involved in concerts and other performances throughout the year.

This course is paired with one of the following courses:

- [Instrumental Music 20 or 30](#) or
- a full year spare every other day

Prerequisite Choral 20: Choral 10

Corequisite Choral 20: [Choir 15](#)

Prerequisite Choral 30: Choral 20

Corequisite Choral 30: [Choir 25](#)

Estimated course fee: \$75.00

Vocal Jazz 15/25/35 5 credits

Vocal Jazz 15, 25, 35 is a 5-credit course that occurs outside of the regular timetable (after school twice per week) and does not affect course choices within the regular timetable. Auditions for Vocal Jazz ensembles typically take place in May/June of the previous school year, or by appointment, or in early September.

JCS is pleased to offer two vocal jazz ensemble classes. These full-year advanced auditioned courses are open to grade 10, 11 and 12 students who also sing in Concert Choir 15/25/35. First opportunities for involvement in Vocal Jazz will be given to students also enrolled in Choral 10/20/30. Vocal Jazz is a small ensemble course and is designed to challenge and broaden students' understanding of repertoire, history, and techniques involved in the performance of contemporary styles and techniques related to and including vocal jazz, a cappella, pop, jazz ensemble forms, improvisation, and microphone technique. The smaller ensemble size requires a committed student. Students in vocal jazz may perform in a variety of concerts and festivals both locally and outside of Calgary.

Prerequisite Vocal Jazz 15: Audition

Corequisite Vocal Jazz 15: [Choir 15](#)

Prerequisite Vocal Jazz 25: Vocal Jazz 15

Corequisite Vocal Jazz 25: [Choir 25](#)

Prerequisite Vocal Jazz 35: Vocal Jazz 25

Corequisite Vocal Jazz 35: [Choir 35](#)

Estimated course fee: \$75.00

Performing Arts/Technical Theatre

Advanced Acting 15/25/35 5 credits for each level

This course provides students with the opportunity to be part of the production of a play, beginning from a rehearsal process and ending in a professional theatre performance. Students will learn to develop acting, vocal, movement and characterization skills. Being a part of production involves commitment, teamwork, collaboration, and leadership. This course is offered outside of the timetable.

Prerequisite: Successful audition for the roles available in the play being produced. Please listen for audition announcements and/or contact the school for more information.

Estimated course fee: to be determined, depending on current production

Drama 10 5 credits

Drama 10 is an introductory course that has been designed to give students a chance to collaborate creatively with other students and to take artistic risks in a supportive and positive environment. The goal is to ensure success for every person in the drama room. Drama is based on participation, cooperation, and a genuine willingness to take risks that will improve the quality of both personal and collaborative work. The curriculum focuses on orientation, tableau, mime, movement, speech, improvisation, scene work, theatre history, and technical theatre. Students will also have the opportunity to attend live theatrical performances and work with industry professionals in the course.

Prerequisite: None

Estimated course fee: \$30

Drama 20 5 credits

Drama 20 has been designed to give students a chance to continue to grow and develop through positive artistic experiences. Drama 20 builds upon the skills and experiences of Drama 10 while at the same time focusing on orientation, collective creation, monologues, acting from a script, playwriting, improvisation, theatre history and technical theatre. Students will also have the opportunity to attend live theatrical performances and work with industry professionals in the course.

Prerequisite: Drama 10

Estimated course fee: \$30

Drama 30 5 credits

Drama 30 is an opportunity for creativity and self-discovery. In this course, students will utilize all the skills that have been developed in Drama 10 and 20 to create meaningful performances. Emphasis will be placed on acting, directing, improvisation, theatre studies, technical theatre, and design. At the end of the semester, students will have the opportunity to showcase their one-act 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.

Prerequisite: Drama 20

Estimated course fee: \$30

Technical Theatre 15/25/35 5 credits for each level

Technical Theatre is 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, Concerts, Assemblies and Drama Main Stage Productions, as well as through other opportunities as they present themselves. There is a volunteer, outside of the timetable component to the course, for students working on productions. Students will also have the opportunity to attend live theatrical performances.

Prerequisite for Technical Theatre 15: none

Prerequisite for Technical Theatre 25: Technical Theatre 15

Prerequisite for Technical Theatre 35: Technical Theatre 25

Estimated course fee: \$30