



Calgary Board
of Education

Centennial
High School



2026-
2027

Complementary Course Guide



Centennial High School
Making the World a Better Place



TABLE OF CONTENTS**WELLNESS**

• Leadership	1
• Physical Education.....	1
• Sports Medicine.....	1
• Sports Performance (Mixed Gender and Female Only)	2
• Yoga	2

HUMANITIES

• Applied Sociology & Experimental Psychology	3
• Astronomy	3
• Creative Writing	4
• Film and Media Arts.....	4
• General & Personal Psychology	4
• Military Studies.....	4
• Political Thinking & International Politics.....	5

SCIENCE

• Forensic Science.....	5
-------------------------	---

SECOND LANGUAGES

• French	6
• Spanish	6

CAREER & TECHNOLOGY STUDIES (CTS)

• Business Studies	7
• Commercial Foods.....	7
• Computing Science.....	7
• Construction	8
• Cosmetology Explore Pathway.....	8
• Cosmetology Apprenticeship Pathway.....	8
• Cosplay Couture.....	8
• Design Thinking (Pre-Engineering & Robotics).....	9
• Fashion Studies.....	9
• Financial Management.....	9
• Foods Personal.....	9
• Multimedia	10

FINE & PERFORMING ARTS/MUSIC

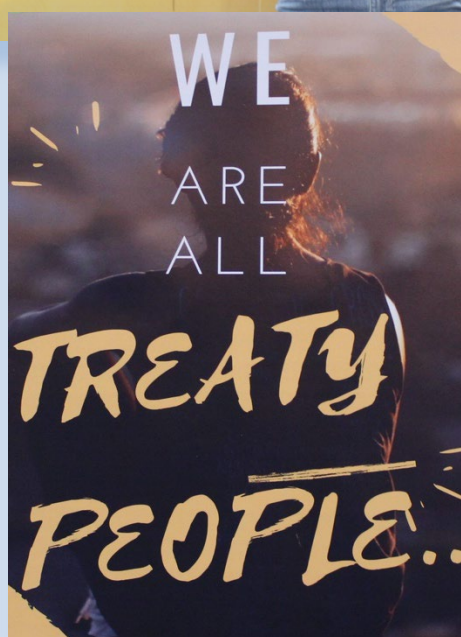
• Art	10
• Band (Symphonic) / Jazz Ensemble (full year).....	11
• Broadcast Journalism.....	11
• Ceramics Advanced Techniques	11
• Choir (full year).....	12
• Drama	12
• Drawing Advanced Techniques.....	12
• Electronic Music (General Music)	12
• Instrumental Music (Band) (full year)	13
• Painting Advanced Techniques	13
• Sculpting Advanced Techniques	13



- Technical Theatre (full year) 13

KNOWLEDGE & EMPLOYABILITY (KAE) *requires approval*

- Art Design 14
- Art Media Communication 14
- Business Services / Logistics 14
- Construction/ Woodworking & Cabinetry 15
- Cosmetology 15
- Food Preparation & Service 15



WELLNESS

Leadership Introductory/Intermediate/Advanced

This program is designed to allow students to develop their personal leadership style and is very much student driven – students will have the time and freedom to explore their interests and passions, and will choose an area of the school, the community, or the wider world in which to create lasting positive change. All students in the leadership program will be involved in putting on many key activities in the school. These include: lunchtime activities, pep rallies, staff and student recognition, service projects and other student-driven initiatives. This course will also explore different styles of leadership, and how famous leaders have modeled them.



Physical Education 10/20/30

Prerequisite: PE10, PE20 (in sequence)

The Physical Education program is a fully integrated modular program of choice. It is composed of activity modules with each module assessed on movement, effort, cooperation, leadership, sportsmanship, application, and demonstration of skills, knowledge, and fitness.

Note: PE 10 is a required course to graduate with a high school diploma and PE 30 may be used to meet university entrance requirements at some institutions.

Our PE modules may include, and not be limited to, the following choices: 1.) Alternative Environments: Curling, Beach Volleyball, Canoe/Kayak, Active Living, Golf 2.) Types of Gymnastics: Wall climbing, Self Defense, Yoga 3.) Games: Football, Soccer, Volleyball, Floor Hockey, Dodgeball, Basketball, Team Handball, Ultimate Frisbee, Softball 4.) Individual Activities: Fitness Challenge, Personal Training, Racquet Sports, Bowling, Billiards, CPR 5.) Dance: Line, 2-step, Jive, Hip-hop, Merengue



Sports Medicine Introductory/Intermediate/Advanced

Prerequisite: Introductory/Intermediate (in sequence)

In this module-based course, students will learn about the various topics associated with sports medicine. Instructional methods will include; lecture, problem solving, guided discovery, laboratory work, independent research, computer technology and acquired skills for field/practical situations. Students are required to complete 20 extracurricular service hours working with Centennial athletic teams and events.

Sports Performance Introductory/Intermediate/Advanced

(Students can choose either Mixed Gender or Female Only)

Prerequisite: Introductory/Intermediate (in sequence)

This module-based course is designed for students who are interested in becoming healthier, fitter, and/or improving their athletic performance. Approximately 80% of the learning is through physical and mental training and 20% through classroom/lab work. Examples of physical training days include 3km run, circuit training, hills, stairs, resistance training, interval training, flexibility training, yoga, fitness assessment as well as speed, agility and quickness-type activities. Examples of mental training include breath work, visualization, progressive muscle relaxation, and goal setting. Students will track their progress and learning in a training journal.

**Yoga 15/25/35**

Prerequisite: 15/25 (in sequence)

Yoga 15: With a focus on fitness, health and wellness, this class will enlighten students on how to take better care of themselves; physically, mentally, and nutritionally. They will establish an awareness of the breathing/relaxation methods of yoga and how to safely execute basic yoga postures. The program is designed to allow students to experience the benefits of increased flexibility, strength, focus, concentration as well as the ability to relieve stress and anxiety.

Yoga 25: Students will continue to deepen their study and practice of yoga. They will build on the fundamentals of yoga by incorporating alignment, foundation, and breath to their movement. Intermediate postures (including variations and modifications) will be practiced. Basic anatomy and physiology of yoga will be discussed and applied.

Yoga 35: Students will be introduced to more advanced postures as they continue to deepen their study and practice of yoga. As they explore the teaching side of yoga, they will become familiar with sequencing poses together as well as learn the components of a yoga class.



HUMANITIES

Applied Sociology 30 & Experimental Psychology 30

Prerequisite: None (ONLY available to Grade 11 and 12 students)

Applied Sociology 30 (3 credits)

Sociology is the scientific study of group behaviour – a study of “what is” rather than “what ought to be”. Sociologists study the status of group, social class, social mobility, minority groups, and institutions, which have a great deal of influence on groups. Families and schools are two main institutions, which have a great deal of influence on our young people. Sociology 30 includes studying crime and delinquency, goal setting, marriage and social movements as well as the sociology of sports.

Experimental Psychology 30 (3 credits) - The themes include:

1. Introduction to Psychology
2. Personality
3. Behaviour
4. Intelligence
5. Heredity and Environment
6. Biological Influences on Behaviour
7. Understanding Perception

Note: Sociology 30 is combined with Experimental Psychology 30 (3 credits each)

Astronomy 15 (3 credits)

The purpose of Astronomy 15 is to provide extended opportunities for students to deepen their understanding of astronomical principles beyond Science 9. Throughout the course, students will enhance their scientific literacy and numeracy through the application of active observation and documentation skills (diagrams, sketches, field notes) of various celestial bodies visible in the day-time and night-time skies. Students will also study the solar system to gain a better understanding of its dynamics.

Astronomy 25 (3 credits)

Paired together with Astronomy 15 to create a full semester, 6 credit course

Pre-requisites: Science 10 or Science 14

In Astronomy 25, students will develop an understanding of Astronomy beyond the basics that students acquire in Astronomy 15. While inundated with space and astronomy in modern media, many students remain unaware that the sky is constantly changing above them. Using a variety of astronomical tools such as telescopes, binoculars, and lenses students in the Astronomy sequence will experience first-hand observations that foster foundational understandings.

Field experience will offer practical application to observe and document the various objects visible in the day and night skies. Students will further use their field experience observations to develop and reinforce the learning outcomes within in this course sequence.



Creative Writing 15/25/35

Prerequisite: 15/25 (in sequence)

Creative Writing and Publishing is a course where students can further develop their writing interests and passions. Students will write in a variety of specific creative writing genres, and they are encouraged to experiment with new ideas and concepts in their writing. This is a course that welcomes open minds, enthusiastic attitudes, and keen interest in writing. Writers are always writing, so a good work ethic is expected. Reflection, conferencing, oral reading, editing, marketing and publishing are aspects of this course with which all students will become familiar.

Film and Media Arts 15/25/35

Prerequisite: 15/25 (in sequence)

In Film & Media Arts 15 you will learn to be an active viewer. In this course you will view and respond to a variety of films with an aim to increase your knowledge and awareness of the medium, while focusing on film history, genre conventions, and social implication. This course will allow you to have fun while you explore film from both an artistic and a technological perspective.

Film & Media Arts 15 is meant to provide a comprehensive overview of the study of film as a whole. Potential units will examine visual literacy, storytelling, history, and genre. Students who choose to take the Grade 11 and 12 courses will expand their knowledge through examining more non-Hollywood films, as well as exploring specific directors.

General Psychology 20 & Personal Psychology 20

Prerequisite: None (ONLY available to Grade 11 and 12 students)

Personal and General Psychology 20 (6 credits total) General Psychology 20 covers the memory cycle, learning strategies, creative ways to solve problems, as well individual and group interactions. It also covers Psychological Disorders and Psychology related careers. Personal Psychology covers theories of development from infancy through to adulthood. It also covers theories on personality, perception as well as brain development and how all these developments impact human behaviour.

Note: General Psychology 20 is combined with Personal Psychology 20 (3 credits each)

Military Studies 15/25/35

Prerequisite: none for MS 15; MS 15 for MS 25; MS 25 for MS 35

In Military Studies, students:

1. examine the concepts of war and peace from historical and contemporary contexts.
2. inquire into the social, political, environmental and economic factors that influence military activity.
3. encounter multiple perspectives on war and peace through personal and collective stories, and how these memories influence understanding of identity and community.



Political Thinking 20 & International Politics 30

Prerequisite: None (ONLY available to Grade 11 and 12 students)

Political Thinking 20 (3 credits) Students will learn:

1. political/economic philosophies.
2. how political power is exercised in democracies and dictatorships.
3. the causes and influences to the polarization of politics.
 - a. The role of political decision making
 - b. How the democratic process itself can lead to division
 - c. Polarizing political leaders

International Politics 30 (3 credits) Students will understand:

1. the development and importance of international relations.
2. the evolution of power and interactions between state and non-state actors.
3. historical forms of international relations post WWII, and also in Middle East politics.
4. methods of foreign policy that create peace (or conflict).

Both courses are guided by student led inquiry and taught through interactive activities such as role-play, mock governments, simulations, debate, and small group/ team discussions.

**SCIENCE****Forensic Science 25/35**

Prerequisite: Science 10 or 14 for Forensic Science 25; Forensic Studies 25 for Forensic Studies 35

In Forensic Science, students will connect scientific concepts and technologies related to solving crime and learn about topics like crime scene investigation, forensics, toxicology and ballistics, police protective equipment, criminal profiling, arson, and police service canines.

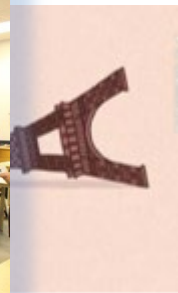


SECOND LANGUAGES

French 10/20/30

Prerequisite: None for 10-level; 10-3Y or Grade 9 French for 20-level; 20-3Y for 30 level

French 10 is recommended as a course for beginners as well as for those who do not have a solid foundation in French. This course is theme related and aimed at the ability to communicate in French. French 20 and 30 will continue to develop communication skills. The emphasis continues to be on both oral and written production. Students in all three levels will be taught understand and express in French, messages related and expressed to your personal, interpersonal and imaginative language functions, as well as to build strategies to develop your vocabulary, language structures, and cultural understandings.



to

Spanish 10/20/30

Prerequisite: None for 10-level; 10-3Y or Grade 9 French for 20-level; 20-3Y for 30 level

The Spanish Language and Culture three-year Program is intended for those students with little or no previous experience in Spanish. There is a focus on all four skills necessary to communicate in a new language: speaking, writing, listening, and reading. The program is designed to promote Spanish language learning through a variety of linguistic and cultural experiences. The geography of Spanish-speaking countries and their contemporary life is integrated into the lessons which will increase the learner's cultural understanding and appreciation for other cultures.



CAREER & TECHNOLOGY STUDIES (CTS)

Business Studies 10/20/30

Business offers students a foundation for exploring careers in the Retail Business World. Students learn about marketing research, customer service, advertising and the psychology behind it, and online stock trading in today's fast-paced world! The Den, Centennial's school student managed and operated store, gives students real-life experience and an opportunity to test their marketing skills. Students apply the techniques of visual merchandising, customer service, and develop advertising campaigns as they learn to operate a business.

Commercial Foods Introductory/Intermediate/Advanced

Prerequisite: Intro/Inter (in sequence)

The introductory level of commercial foods will formally acquaint students with the techniques, skills, and general surroundings typically encountered in most hotel and restaurant settings. They will spend the majority of their time involved with practical work experiences designed to promote the understandings needed for a safe and productive modern commercial kitchen. There is also be a significant theoretical component designed to complement and support their practical learning experiences. The course covers Food Basics, Baking Basics, Meal Planning, Snack and Appetizers, Fast and Convenience Foods, and Canadian Foods. Formal Certification of Alberta Food Handlers will also be included.

The intermediate and advanced level of the course places pronounced emphasis on ventures into large-scale commercial operations. The students will gain practical cooking experience on a daily basis through rotations in entrée, salad, sandwich, baking, and desserts. They will work in sections of an industrial kitchen and learn to effectively maintain kitchen cleanliness, food safety, and hygiene practices. Additional time will be required during the lunch break to serve staff and students. Opportunities also exist for students to participate in food preparation and catering events at the school.

Computing Science 10/20/30

Prerequisite: 10/20 (in sequence)

Students will focus on developing solutions to problems using computers. They will gain skills in developing algorithms, writing programs (in languages such as C or Java) and trouble-shooting their solutions. The introductory level will focus on structured programming, procedural programming and basic computer science fundamentals. Students may have the opportunity to explore html programming to create webpages depending on time available. The intermediate level will develop skills around data structures, file structures and introduce object-oriented programming while learning more advanced computer science fundamentals. Final projects for both levels involve creating solutions to real world problems using computers and following the design process.

Construction Introductory/Intermediate/Advanced

Prerequisite: Intro/Inter (in sequence)



Students learn basic safety, skills, and techniques of the construction industry while completing hands-on project work in an industrial environment guided by a Red Seal Cabinetmaking teacher. Introductory construction does not require any previous woodworking experience and is a great starting point for anyone interested in construction-related trades or as a hobby. Through building multiple small pieces of furniture, students will integrate wood theory, math, drafting, and plan-reading skills on a daily basis. In courses following the introductory level, students will gain further building experience using advanced joinery methods, such as dominos, rabbets, dado, dovetails, and box joints. In the advanced course, students will be given the opportunity to personalize, design, and customize their project work in a way that highlights their individual interests.

Cosmetology Introductory/Intermediate/Advanced (Explore Pathway)

Prerequisite: Intro/Inter (in sequence)

The Exploratory program is comprised of three levels: Introductory, Intermediate and Advanced. This pathway is created so students can learn skills in both hairstyling and esthetics. Students learn long hair design, shampooing, drying hair techniques and thermal hair applications. In esthetics students learn proper skin care practices and study theatrical makeup techniques such as burns, wounds and stage makeup. This pathway includes performing peer to peer services in a controlled and supported environment with the intent to build confidence.

Cosmetology Intermediate/Advanced (Apprenticeship Pathway)

Prerequisite: Intro/Inter Apprenticeship (in sequence)

The Apprenticeship program is comprised of two levels: Intermediate and Advanced. After the completion of introductory level courses, students can choose to continue their education and work towards their hairstylist journey person certificate. This pathway requires significant time and commitment as students learn various hairstyling applications such as chemical services, haircutting techniques, thermal styles and scalp treatments. Students begin client service work within the school community to build further competencies and experience.



Cosplay Couture Multi Level

Prerequisite: Successful completion of sequential modules

Cosplay is a term that refers to Costume Role-play. In this course, students will explore a variety of characters in Anime, Manga, Video Games, Comic Books, Movies or Animation and recreate part of, or the total look of their chosen character. Students gain an understanding of the safe use and care of sewing equipment, and basic techniques in the layout and construction of clothing and accessories. Students can use or alter existing patterns or learn pattern drafting techniques to create the pieces of their costume.

Design Thinking 15/25/35 (Pre-Engineering & Robotics)

Prerequisite: 15/25 (in sequence)

The Design Thinking for Innovation course provides an opportunity for students to engage in increasingly complex, long-term projects. Projects are interdisciplinary in nature and incorporate the skills, knowledge, tools, and technology from both Pre-Engineering and Robotics discipline areas. Students will learn structural engineering, how to 3D model, assemble electronics, and program in Arduino. The goal of the course is to apply design thinking methodologies, mindsets, and processes to explore innovation and invention.



Fashion Studies

Introductory/Intermediate/Advanced

Prerequisite: Intro/Inter (in sequence)

Introductory Fashion Studies students develop knowledge related to clothing and textile design. Developing sewing construction skills will be the main focus for each level of Fashion Studies courses. It is also possible to learn and explore some handcrafts such as knitting, crochet, or embroidery. The Intermediate program is a continuation of Introductory Fashion Studies, as students will further develop sewing skills by working with specialty type fabrics and notions, and possibly Pattern Drafting. The Advanced program is an exciting 'must' for the student who is keenly interested in clothing construction.

Custom finishing and details on garments is emphasized as well as contemporary tailoring techniques are introduced.

Financial Management 10/20/30

Prerequisite: 10/20 (in sequence)

Students will learn to keep records for a small service business including the preparation of financial statements. Learn the "secret" of debit and credit. Throughout the course, students will learn to keep their own personal records, become aware of current financial conditions and the actual cost of things that we all take for granted in order to make good financial decisions. Students will also have an opportunity to use accounting software as they explore the world of financial planning, investment planning, accounting and income tax. These courses are valuable to those students who wish to pursue a career in commerce.

Foods Personal Intermediate/Advanced

Prerequisite: Commercial Foods Intro/Personal Foods Inter

The Food Personal program focuses on personal food preparation skills and knowledge that is useful in the home. The material covered will focus on promoting personal health and wellness, and developing a well-rounded repertoire of skills and recipes that can be used to cook for yourself or your family. Course work will encompass intermediate to advanced food preparation skills, as well as nutrition information to achieve personal independence. Some examples of topics that are covered include baking, healthy eating, meat cookery, dairy and egg cookery, international cuisine, and cold foods.

Multimedia Introductory/Intermediate/Advanced

Prerequisite: Multimedia Intro/Inter (in sequence)

The purpose of this course is to introduce students to the skills, knowledge and practices necessary to produce multimedia content. Students will learn production techniques and methods using a full range of software. They will gain knowledge and experience in the areas of visual composition, photography, audio/video, stop motion animation, editing and web design. Students will be using digital DSLRs and video cameras, industry-standard computers and ADOBE software packages.

**FINE & PERFORMING ARTS / MUSIC****Art 10/20/30**

Prerequisite: 10/20 (in sequence)



In Art 10 we can teach you to draw or paint beautifully. It is all in how you set up your composition, ratios, and proportions. It is in knowing the value of having good line direction and of good tonal range. Drawing is not easy work, but it can be de-mystified and presented in a straightforward, easy to understand manner. From there on, we require our students to put in the time, effort, and practice so they can excel and be truly proud of their best work.

In Art 10, you have the opportunity to learn techniques in pencil drawing, pen & ink drawing, watercolour painting, clay sculpting, pen & ink, wire work, how to use the pottery wheels and more.

In addition to **Art 10**, keen Jr. High students should also consider immediately registering in an additional **sculpture**, **drawing**, **painting** or **ceramics** class if they wish. All four of these specialised Art courses are for our incoming grade 10s. No prior skills needed, but they should be ready to learn.

Advanced sculpture, ceramics, drawing, and painting allow you to explore each of these areas in-depth. Each course earns you an additional 5 credits towards your High School Diploma. You can take Art 10 and any of these Art courses to earn 10 credits in Art in your grade 10 year.

Career development is offered through our visiting artist program, post-secondary institution presentations and our Centennial Art student alumni who visit on a regular basis. Students also take part in real-world art experiences, including the FLUOR Winter Holiday Card Competition and the Calgary Stampede Poster Competition, visual posters for Centennial's Drama Production and the opportunity to enter artwork into the annual AUA Show-Off Competition for citywide exposure.

According to the World Economic Forum: creativity, complex problem-solving, flexibility and ability to adapt to new situations, and critical thinking are the most important skills that companies will be looking for in their employees in the coming years. All of these are skills that you build every single day in Art class!

Band 15/25/35 (Symphonic) (full year – outside timetable in the morning)

Prerequisite: Band 15/25 with Instrumental Music 10/20 (in sequence)

This performance-based band course focuses on ensemble development during rehearsals and performances. Scheduled outside of the regular timetable, ALL band students are required to enroll in this as well as Instrumental Music 10/20/30. A regular practice routine is an expectation in this course. Outcomes include personal practice and rehearsal skills, ensemble performance, critical reflection and response. Students will participate in workshops, clinics, concerts, festivals, and have the opportunity to travel.

Jazz Ensemble 15/25/35

Prerequisite: Jazz Ensemble 15/25 (in sequence)

Jazz Ensemble is designed to provide students the opportunity to perform in a traditional big band setting. While a variety of musical styles and jazz artists will be studied and performed, students will also have the opportunity to learn basic jazz improvisation concepts and skills. Course content will include the following developmental concepts:

- Preparation and performance of a variety of jazz styles within a traditional big band setting. Performance expectations include involvement in concerts, workshops, festivals, etc.
- Understanding, interpreting and performing style and articulation markings within these varied musical styles.
- Opportunity for self – expression through jazz improvisation and the understanding of scale/chord structures and melodic development.
- Jazz history through style periods and the major jazz musicians that represent them.

Broadcast Journalism 15/25/35

Prerequisite: 15/25 (in sequence)

This course focuses on creating a student run broadcast featuring: arts, sports, news, and stories from the Centennial School Community. Broadcast Journalism students are instrumental in creating content for the Yotes Social TV Broadcast. This show will produce content that increases students' voice in order to promote school spirit and community. Yotes Social Broadcast students are problem-solvers, creators, self-otivated, and leaders. Students rotate through a variety of television broadcast roles including: producing, writing, on-air talent, reporting, camera, graphics, audio, editing, video editing, and exporting.

**Ceramics Advanced Techniques 15/25/35**

Prerequisite: Ceramics 15/25 (in sequence)

This course allows students to use the pottery wheel in depth for extended amounts of the semester. Students will also do an ambitious hand building project out of clay and get to work on a production series of similar objects which can be their set of cups, bowls, mugs or even Christmas presents or gifts for friends and family. Learning to fire the kiln and glaze finished work is also a part of this course.



Choir 15/25/35 (full year -OT)

Prerequisite: Choir 15/25 and Choral Music 10/20 (in sequence)

This is a performance-based course for students who love to sing! It will be held 2 mornings per week before/after school. Students will develop basic singing techniques while exploring a wide variety of repertoire. This group performs in different settings throughout the year, in and outside of the school. Every choir student at Centennial must sing in this large group. ALL voices are welcome, no previous experience necessary.

Drama 10/20/30

Prerequisite: 10/20 (in sequence)

This course offers students the opportunity to explore their understanding and improve their techniques in areas that will strengthen their work as performers, communicators and ensemble members. They will develop new skills in voice and speech, playwriting, auditioning virtually and in-person, scene study, and elements of technical theatre including - stage management, lighting, and sound. Students will be working with professional theatre artists and introduced to the local and national theatre at each level of the program.

**Drawing Advanced Techniques 15/25/35**

Prerequisite: Drawing 15/25 or Art 10/20(in sequence)

This course offers students an opportunity to develop and refine their drawing skills. Once students get good at technical drawing skills, there are few limits to what they can draw. Curriculum topics include Drawing the Human Figure, 1- and 2-point Perspective, Observational, and Free project drawings. In the 25 and 35 level, students create compositions through direct observations of architectural and human forms, still life, and artistic points of view. Art history and cultural reference will be incorporated into drawings.

Electronic Music (General Music) 10/20/30

Prerequisite: 10/20 (in sequence)

This course is for anyone interested in producing and creating their own music of various forms and genres on computer. Using Ableton software, midi keyboards and other online resources, students will learn the basics of music production. Music theory and the history of electronic music are important parts of our overall understanding and development as we recreate the sounds we enjoy through drumbeats, synth leads, and bass lines. Create your own projects, remix to make it your own, sound effects, and record acoustic sounds.

No previous music experience is necessary.



Instrumental Music (Band) (full year) 10/20/30

Prerequisite: 10/20 (in sequence) with Band 15/25/35

This course is designed to focus on the development of individual skills based on the provincial program of studies. These outcomes include: Technique, Interpretation, Rhythm, Theory and Ear Training, and History. Student instruction is based on the skill level at the start of the year and each student develops skills independently with lots of flexibility around testing timelines and pace. A regular practice routine is an expectation in this course. Students who take this course **MUST** also register in Band 15/25/35. This fine art course is scheduled within the regular timetable (Instrumental Music 10 is paired with PE 10 for the full year, Instrumental Music 20 is paired with CALM 20, and Instrumental Music 30 is paired with a spare).

**Painting Advanced Techniques 15/25/35**

Prerequisite: 15/25 or Art 10/20(in sequence)

This course gives students a chance to explore how to paint successfully. In the 15-level, they will work on how to mix colours and develop different painting techniques by working through assigned and directed free projects. In the 25/35 level of the course, students will investigate complex colour relationships, will develop and use personal subject matter and content in their painting. They will explore unusual combinations of forms, techniques, and media.

**Sculpting Advanced Techniques 15/25/35**

Prerequisite: 15/25 and Art 10 (in sequence)

This course is for students who want to make big things out of cardboard, clay and found objects. We look at how to assemble things with bolts, screws, wire, glue guns, and any other methods that will work. Students can pick their own objects to build and one project should have moveable parts. It is hands on and utilizes creative problem solving every class. The 25/35 level of this course will incorporate making some of their own tools and working with them alongside visiting artists. If made properly, these tools should last a lifetime. We will continue with wood and stone carving projects, kinetic energy, recycling/repurposing project, and free projects.

Technical Theatre 15/25/35 (in timetable and full year - OT)

Prerequisite: 15/25 (in sequence)

The world of theatre is dependent upon a talented and skilled crew of technicians. In Technical Theatre 15/25/35, students can explore and gain proficiency through hands-on tasks, projects and performances, in the technical areas of lighting, sound, make-up, costumes, props, sets and stage management.



This course is offered both in the timetable as a one semester, 5-credit, course and outside of the timetable as a full year, 3-5 credit J-Block option.

KNOWLEDGE & EMPLOYABILITY (KAE) *requires approval*

Knowledge and Employability courses are designed for students who meet the criteria and learn best through hands-on experiential activities. The focus of these courses is to provide a successful transition into employment and/or further training opportunities. Students may qualify for a Certificate of High School Achievement or may continue their studies in order to qualify for an Alberta High School Diploma. Informed annual written consent of parents/guardians is required for students under 16 years of age to participate in this program.

Knowledge and Employability (K&E) is not a program, but instead a set of courses that will provide students with opportunities to experience success, and become well prepared for employment, further post-secondary studies, and life-long learning.

(KAE) Art Design 10/20/30

Prerequisite: 10/20 (in sequence)

Art/Design 10-4 provides an understanding of and an opportunity for students to practice techniques and the effective use of media and equipment. These skills will enable students to illustrate visual solutions to situations they encounter in any career field. The experiences in Art/Design mirrors the Art experience where students will explore sculpture, drawing, painting, and ceramics. All four of these specialised Art Art/Design 10-4 provides a basis for, and an introduction to, Art/Design 20-4 and 30-4.

(KAE) Art Media Communication 10/20/30

Prerequisite: 10/20 (in sequence)

Art/Media Communication 10-4 provides a basis for, and an introduction to, Art/Media Communication 20-4 and 30-4. Art/Media Communication 20-4 and 30-4 focus on computer-related design projects and animation. The experiences in Art Media Communication will mirror the Multi Media experience. They will gain knowledge and experience in the areas of visual composition, photography, audio/video, stop motion animation, editing and web design. Students will be using digital DSLRs and video cameras, industry-standard computers and ADOBE software packages.

****Students interested in art, design and media communications should be encouraged to take both courses at the 10, 20 and 30 levels**

(KAE) Business Services 10 / Business Services Logistics 20/30

Prerequisite: 10/20 (in sequence)

This five-credit course is designed to introduce students to the occupational knowledge and skills required for entry-level positions in office services, sales and service and logistics. The Den, Centennial's school student managed and operated store, gives students real-life experience and an opportunity to test their marketing skills. Students apply the techniques of visual merchandising, customer service, and develop advertising campaigns as they learn to operate a business. Students will develop their employability competencies that relate to all career opportunities.



(KAE) Cosmetology 10/20/30

Prerequisite: 10/20 (in sequence)

These 5 credit courses are designed to focus on the basic competencies in the Cosmetology industry. Students will focus on basic hairdressing and manicuring skills. Students will work in the lab to develop their employability skills for entry-level positions at salons and spas. This is not an Apprenticeship based program, but students can also choose to explore the business of salons and work to receive credits in K&E business services, sales and services, as well as logistics.

**(KAE) Construction Building 10/ Woodworking & Cabinetry 20/30**

Prerequisite: 10/20 (in sequence) 5 credits each course

In our Knowledge and Employability Construction class, students develop basic competencies in Construction Technology, and are able to demonstrate them in daily life and the workplace. Students will gain exposure to various occupational strands in the Construction industry and develop skills and habits to support them in their chosen strand. Introductory construction does not require any previous woodworking experience and is a great starting point for anyone interested in construction-related trades or as a hobby. Through building multiple small pieces of furniture, students will integrate wood theory, math, drafting, and plan-reading skills on a daily basis. Students will work towards developing positive and safe behaviour in the shop and mastery of skills.

(KAE) Foods 10 / Food Preparation & Service 20/30

Prerequisite: 10/20 (in sequence) 5 credits each course

This entry-level course in Foods 10 will formally acquaint students with the techniques, skills, and general surroundings typically encountered in most hotel and restaurant settings. They will spend the majority of their time involved with practical work experiences designed to promote the understandings needed for the safe and productive use of modern commercial kitchen tools and equipment. There will be some theory designed to complement and support their practical learning experiences. The courses covered in this class include Food Basics, Baking Basics, Meal Planning, Snack and Appetizers, Fast and Convenience Foods and Canadian Foods.

The Food Preparation & Service 20/30 level courses will focus on personal food preparation skills and knowledge that is useful in the home. The material covered will focus on promoting personal health and wellness, and developing a well-rounded repertoire of skills and recipes that can be used to cook for yourself or your family. Course work will encompass intermediate to advanced food preparation skills, as well as nutrition information to achieve personal independence. Some examples of topics that are covered include baking, healthy eating, meat cookery, dairy and egg cookery, international cuisine, and cold foods. The students will gain practical cooking experience on a daily basis through rotations in entrée, salad, sandwich, baking and desserts. They will work in sections of an industrial kitchen and learn to effectively maintain kitchen cleanliness, food safety, and hygiene practices.

