

Winston Churchill High School



Course Descriptions 2023-2024





2023-2024

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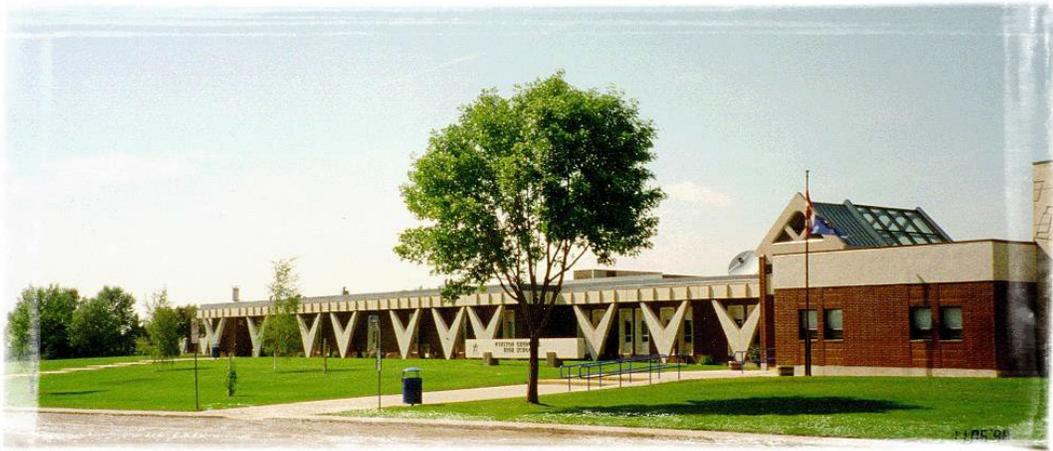


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Vision, Mission, and Values

Vision

A community of learners working to make our world a better place.

Mission

Build RELATIONSHIPS

Pursue GROWTH

Value DIVERSITY

Values

Work Hard

Be Kind



2023 – 2024 Course Descriptions

English	
English 9	Grade 9 – My Child's Learning: A Parent Resource (learnalberta.ca)
English 10-1	High School English Language Arts – My Child's Learning: A Parent Resource (learnalberta.ca) The above link contains all 10 – 12 English Course Descriptions
English 10-2	
English 10-4	
English 20-1	
English 20-2	
English 20-4	
English 30-1	
English 30-2	
English 30-4	

Math	
Math 9	Grade 9 – My Child's Learning: A Parent Resource (learnalberta.ca)
Math 15	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. This course is intended to be a bridge between Math 9 and Math 10C. Students registering in Math 15 should also register in Math 10C.
Math 10C	High School Mathematics – My Child's Learning: A Parent Resource (learnalberta.ca) The above link contains all 10 – 12 Math Course Descriptions
Math 10-3	
Math 10-4	
Math 20-1	
Math 20-2	
Math 20-3	
Math 20-4	
Math 30-1	
Math 30-2	
Math 30-3	
Math 30-4	
Math 31	

Science	
Science 9	Grade 9 – My Child's Learning: A Parent Resource (learnalberta.ca)
Science 10	High School Science – My Child's Learning: A Parent Resource (learnalberta.ca) The above link contains all 10 – 12 Science Course Descriptions <ul style="list-style-type: none"> This general science course includes an introduction to biology, chemistry, and physics and meets the needs of students planning to take post-secondary studies. Students taking this course should also be enrolled in Math 10-C.
Science 14	Science 14 is for students who did not achieve 65% or higher in Science 9 OR who are enrolled in Math 10-3. This is a general science course that explores the following topics: the environment, household products, body systems, and technological change.
Science 20	This course sequence is designed for students planning post-secondary studies. Both courses cover topics in biology, chemistry, physics, and earth science. Students will write a diploma exam at the end of Science 30.
Science 24	Science 24 is a general science course that will complete the 10 credit science requirement for a high school diploma. This course involves study in the following areas: matter and chemical change; energy conversion systems; disease defence and human health; and transportation safety
Biology 20	High School Biology – My Child's Learning: A Parent Resource (learnalberta.ca) The above link contains both Biology 20 & 30 Course Descriptions <ul style="list-style-type: none"> This course sequence is intended for students interested in the science of living things and planning post-secondary studies. Human body systems, genetics, and reproduction are examples of the many topics covered in biology.
Chemistry 20	High School Chemistry – My Child's Learning: A Parent Resource (learnalberta.ca) The above link contains both Chemistry 20 & 30 Course Descriptions This course sequence is intended for students planning post-secondary studies. Gas laws, acids & bases, stoichiometry, thermochemistry, electrochemistry, and organic chemistry are some of the topics covered in chemistry.
Physics 20	High School Physics – My Child's Learning: A Parent Resource (learnalberta.ca) The above link contains both Physics 20 & 30 Course Descriptions This course sequence is intended for students planning post-secondary studies. Energy and matter are common themes in both courses. Topics studied include motion, forces and fields, and atomic physics.

Science 30	This course sequence is designed for students planning post-secondary studies. Both courses cover topics in biology, chemistry, physics, and earth science. Students will write a diploma exam at the end of Science 30.
Biology 30	This course sequence is intended for students interested in the science of living things and planning post-secondary studies. Human body systems, genetics, and reproduction are examples of the many topics covered in biology.
Chemistry 30	This course sequence is intended for students planning post-secondary studies. Gas laws, acids & bases, stoichiometry, thermochemistry, electrochemistry, and organic chemistry are some of the topics covered in chemistry.
Physics 30	This course sequence is intended for students planning post-secondary studies. Energy and matter are common themes in both courses. Topics studied include motion, forces and fields, and atomic physics.

Social Studies	
Social Studies 9	Grade 9 – My Child's Learning: A Parent Resource (learnalberta.ca)
Social Studies 10-1	High School Social Studies – My Child's Learning: A Parent Resource (learnalberta.ca) The above link contains all 10 – 12 Social Studies Course Descriptions
Social Studies 10-2	
Social Studies 10-4	
Social Studies 20-1	
Social Studies 20-2	
Social Studies 20-4	
Social Studies 30-1	
Social Studies 30-2	
Social Studies 30-4	



Physical Education	
Physical Education 9 Health 9	Grade 9 – My Child's Learning: A Parent Resource (learnalberta.ca)
Physical Education 10	High School Physical Education – My Child's Learning: A Parent Resource (learnalberta.ca) The above link contains all 10 – 12 Physical Education Course Descriptions
Active Living 10	The overall objective in Active Living 10 is to develop in each student an understanding of the relationship of good body function and exercise; to motivate each student to develop physical fitness; to foster good social and emotional adjustment and to enable students to discover and develop their individual talents through physical development. In Active Living student will focus on more individual pursuits of activity rather than large team games. Students will receive PE 10 credits upon successful completion of Active Living 10
Career and Life Management 20	High School Career and Life Management – My Child's Learning: A Parent Resource (learnalberta.ca)
Physical Education 20	Course Fee = \$61.00
Physical Education 30	Course Fee = \$61.00



Grade 9 Options	
Animation	Are you interested in cartooning and animation? If not, chances are it's because you haven't tried it! Come explore this addictive medium through a series of traditional and digital animation techniques such as frame-by-frame, stop motion, and motion graphics.
Art	Art 9 will introduce the elements of design through several projects and various materials. The understanding of design can be applied to many other option classes throughout high school. Course Fee = \$10.00
Band 9	Band 9 is a year-long option that is offered three times per week. Band takes up four of the option spaces available to Grade 9 students. This option promotes an improvement in music skills and knowledge, an increased ability to perform music, growth and strengthening of individual character, and cooperative social interaction. Course Fee =102.00 (Instrument rental only)
Churchill Business Challenge 9	You'll probably become a pro-gamer; however, just in case you don't, take Business 9. In this Business 10 feeder course, you will learn various business topics including what it takes to plan and run a small business. The course is divided up into a series of hands-on projects that can be done individually or in small groups.
Choral	Choir 9 is a year-long option that is offered three times per week. Choir takes up four of the eight option spaces available to Grade 9 students. As with Band 9, this option promotes an improvement in music skills and knowledge, an increased ability to perform music, growth and strengthening of individual character, and cooperative social interaction.
Churchill Promotions	This course weaves together concepts from business and multimedia. Students will learn about advertising while simultaneously developing skills with creative software in order to produce promotional videos, posters, social media deliverables, and more!
Construction Technology	Construction Technology 9 incorporates instruction and projects that will involve using most of the power tools and machinery in the woodworking area. Course Fee = \$20.00
Computer Programming	Are you interested in building computer games or apps? In this course you will explore many different aspects of computer science. Our focus will be on UI design and introduction to basic programming syntax and algorithms. https://youtu.be/e73sdx0sVo8

Creative Writing 9	Student will have the opportunity to explore and share their unique ideas and experiences through a variety of writing and multimodal forms. Students will get a lot of creative freedom in this class - this is writing for fun!
Critical and Creative Thinking 9	The Critical and Creative Thinking 9 course will help students understand and develop the attributes of critical and creative thinkers: open-mindedness, truthfulness, empathy, humility, independence, and resilience. Students will engage in activities which will challenge assumptions and encourage discussion and debate. Ultimately, students will choose a topic and design an inquiry project to share their critical and creative thinking skills.
Dance	Dance 9 will be a technical dance class in which students will learn a series of dance techniques which will be incorporated into choreographed routines students will learn and perform. Elements of other styles such as ballet, modern, jazz and hip-hop, may be explored.
Drama	Students will learn the basics of stage movement, improvisation, character development and the basic techniques of acting.
English IB Prep	The English IB prep course is designed for students considering taking IB next year. You'll learn how to think and write about texts analytically and you'll have the opportunity to learn how to effectively share your ideas in a class that's discussion based. If you like to read, think, discuss, and debate, this class is for you!
Fashion Studies	Students will have the opportunity to learn basic sewing skills, including the use of a sewing machine and serger. A minimum of three projects will be made during the semester. Course Fee = \$15.00.
Film Studies	Do you love watching movies? Film Studies 9 is a opportunity to build on this passion and begin to appreciate the elements that contribute to a film's artistry. You will experience film in a variety of genres and learn the basics of film analysis in a collaborative environment
Foods	Have you ever wanted to explore the field of cooking? In Foods 9 you will learn the basics of meal planning, cooking and meeting the nutritional requirements of Canada's Food Guide to Healthy Eating. Come and practice your cooking skills while enjoying your delicious creations. Course Fee = \$15.00
French	French 9 is an introduction to French language and culture. Students will explore French customs, music, food, and traditions from across the world. Those with no prior French experience will gain basic conversation skills, while students who have studied French will have opportunities to expand their knowledge. Grade 9 French as a Second Language (FSL) – My Child's Learning: A Parent Resource (learnalberta.ca)
Graphics	So you want to put the head of a _____ on a _____. With the magic wand tool, and a few others, you can truly create the mind's eye. This Multimedia 10 feeder course is designed to

	help you discover the magic of Photoshop. Students will learn how to create original graphics, manipulate photos, and ultimately translate their imaginative ideas onto a digital canvas.
Math IB Prep	Students will receive some math enrichment to help prepare for the grade 10 IB program. They will also focus on mindfulness and organization techniques.
Military History	Students will develop historical thinking skills through the examination of Canada's role in events such as War of 1812, World War I, World War II, Korean War and the war in Afghanistan. It is very important to emphasize that the course will not glorify war. On the contrary, the focus will be on developing an understanding of, and appreciation for, the harsh realities of war and the impact they have on a nation's identity.
Musical Theater 9	The Musical Theatre 9 class aims to provide an interactive environment of movement, drama, and music for students who seek the challenge of working through the creative process to performance. The competencies in these disciplines are developed as students participate in rehearsal, performance, and critical viewing.

Physical Wellness	Physical Wellness is a grade 9 option that focuses on physical activity, fitness and various aspects of health and wellness. In this course, students will have an opportunity to engage in physical activities such as indoor and outdoor team games, individual pursuits and a variety of cooperative games involving teamwork and leadership. Students will also be introduced to various aspects of personal fitness and will have the opportunity to learn functional fitness in our fitness center. Students will also engage in activities that are an extension of health and wellness activities that are taught in physical education courses. Grade 9 students will have the opportunity to take this course twice throughout the year.
Reading Café	Students will have the opportunity to explore novels of their choice while participating in dialogue about books and literature.
Spanish	Spanish 9 is a basic introduction to the Spanish language and Hispanic culture. At the completion of the course, students will have learned how to communicate some of the basics of the language and explored various cultural elements such as food, family, games, and music.

Tae Kwon Do	<p>This class is offered to students with an interest in learning a traditional martial art. Students will learn the fundamental movements, stances, blocks, punches, and kicks of one of the world's most dynamic self-defense forms. Classes are offered in a safe, traditional format following the tenets of Tae Kwon-Do; Courtesy, Integrity, Perseverance, self-control, and Indomitable Spirit. Instruction will focus on the white belt to yellow belt curriculum. No previous experience is necessary. When choosing this option please keep in mind that this class will require physical exertion each session and requires members to pay strict attention to the instructor at all times. Students will be expected to maintain a clean uniform and participate to their best ability each class.</p> <p>Course Fee = \$30.00 (uniform)</p>
World Geography	<p>Students in World Geography 9 will be introduced to the concepts of human, physical and political geography. Students will come to understand the political divisions in our contemporary world, as well as examine the impact of physical geography on the human condition. Students will use print and digital map resources, including Google Earth, to grow their understanding and appreciation of the complex world in which we live.</p>

Grade 10 – 12 Option Classes	
Art 10, 20, 30	<p>This course introduces the student to the use of art materials and various art media, and to the elements of two- and three-dimensional design. Students work in five major art areas: drawing, painting, printmaking, sculpture, and ceramics. Evaluations are based upon studio work as well as written and oral critiques. Art 10 leads to Art 20 and then Art 30.</p> <p>Course Fee = \$30.00 Please note: successful completion of Art 10 is a prerequisite for admission to the IB Art program.</p>
Business Foundations 10, 20, 30	<p>Come learn and earn at the same time. This program is recommended for students who are planning a career in business or aspire to run their own business. It is designed to help students create something of value that they can sell to earn a profit. To do so, students will learn concepts from a range of business fields, such as accounting, finance, branding, marketing, and entrepreneurship. <i>(5 credits per semester)</i></p>
Choral Music 10, 20, 30	<p>The aim of the choral program is expansion of the individual's vocal abilities while functioning as an integral member of a chorus. A broad variety of choral literatures, from classical to contemporary works, form the basis of the course. The student is given opportunities to broaden his/her musical experience through a variety of public performances and workshops. It is a course requirement that all students participate in at least two major performances outside school. Music 10 is scheduled on a full-year basis. This course leads to Music 20 and 30.</p>
Churchill Health and Fitness 10, 20, 30	<p>Students will participate in practical activities, understand the mechanics of lifting and training safely and efficiently, and track and reflect on their own physical progression and nutrition to meet sport specific fitness goals. Students will learn theory in the fields of General Health & Wellness, Anatomy, Physiology, Psychology, Nutrition, Kinesiology, as well as Sport Performance. Students will be exposed to many different training techniques in multiple settings to improve athletic performance based on goal setting and independent research.</p> <p>Course Fee = \$25.00</p>
Computer Science 10, 20, 30	<p>Computer Science students will develop foundational skills in computer programming and pursue areas of interest in computer science. Grade 10 student typically develop foundational programming skills while grade 11 and 12 students have more freedom to pursue one or more of the following pathways of interest: Web Development, Game Development, Database Management, Robotics Programming, App Development and Robotics Electronics</p>
Construction 10, 20, 30	<p>This course allows students to investigate and develop important skills and attitudes related to project design, construction, and maintenance. Students will learn wood shop theory and complete personal projects, but also participate in small off-site construction projects (if available) and go on field trips to various construction sites. This is a hands-on course which actively involves students at all times.</p> <p>Course Fee = \$51.00 Shop Project Fees = Up to \$500.00</p>

Dance 15, 25	Dance 15/25 will be a technical dance class in which students will learn a series of dance techniques which will be incorporated into choreographed routines students will learn and perform. Elements of other styles such as ballet, modern, jazz and hip-hop, may be explored. Students will also have the opportunity to engage in Dance research and appreciation.
Drama 10, 20, 30	Drama 10 provides an introduction to the fundamentals of drama as well as encouraging student creativity and imagination. The emphasis in Drama 10 is on group involvement rather than individual participation. Students may go on to Drama 20 and 30. In Drama 20 and 30 students will have the opportunity to pursue theatre production, with an emphasis on the performance. Students may have the chance to explore one acts, puppetry, radio drama, and other various performance types
Fashion 10, 20, 30	The Fashion Studies Program allows students to gain expertise in lifetime skills while exploring their creativity. Clothing Construction, Couture, Costuming, Fashion Illustration, Fashion Design, Merchandising, Fiber Arts, and Digital Embroidery are some of the pathways that can be explored in the over 40 courses offered at the three levels. Students expand on areas of interest and skill level. Students will develop an insight into the Fashion Industry which may lead into the workplace or a related post-secondary program.
Film Studies 15, 25, 35	The focus of Film Studies 15-25-35 is on the exploration of film as an artistic form of expression. This course is designed to provide innovative and unique ways for students to engage in the study of this art form as well as the technological and literary aspects of the medium. Film Studies 15-25-35 provides students will opportunities to engage with the artistic aspect of the film medium. Students will study film which encompasses narrative, technical and artistic elements; therefore this course is designed as the artistic bridge to connect the literary elements within Language Arts and the technological elements within Career and Technology Studies.
Foods 10, 20, 30	This course sequence enables students to develop a broad interest in foods in such a way that they are motivated to continue practicing and learning about food. Students will cultivate their individual talents and interests through the study of Food Basics, Baking Basics, Meal Planning for Enjoyment, Convenience Foods, Simple Snacks and Canadian Foods. Course Fee = \$46.00
French 10, 20, 30	https://www.learnalberta.ca/content/mychildlearning/highschool_fsl.html
Instrumental Music 10, 20, 30	Band is a performance-oriented course scheduled on a full-year basis. As well as attending regular rehearsals, students are expected to participate in various performances outside of regular school time throughout the school year. The students will be exposed to various styles of music so as to broaden their music appreciation. The more enthusiastic students may also choose to participate in various ensembles. While Band does not have any formal prerequisite, students should have some previous band experience. Course Fee = \$102.00 (Instrument rental only)

Jazz Band 10, 20, 30	<p>Jazz Band is a performance-oriented course offered on a full-year basis. In addition to regular rehearsals, students are expected to participate in various performances outside of regular school time throughout the school year. Jazz, jazz-rock, popular music, jazz theory and improvisation make up the course curriculum. This course also provides opportunities for small ensemble experience. Music 15 leads to Music 25 and 35.</p> <p>Course Fee = \$102.00 (Instrument rental only)</p>
Multi-Media 10, 20, 30	<p>Visual learners often become creative earners. In multimedia, sometimes referred to as visual communications, students will create a wide range of digital artwork, learn design theory, explore career opportunities, and discover their passions. Multimedia 10 is designed to expose students to diverse forms of media (e.g., drawing, print, video, animation, photo manipulation, photography, etc.). As students continue in the program, they are afforded more opportunity to plan and produce personal passion projects.</p> <p>5 credits per semester.</p> <p>https://m.youtube.com/watch?v=DFktSIP4AUA&feature=youtu.be</p>
Outdoor Education 10, 20, 30	<p>Outdoor Education is a CTS class that focusses on learning about Wildlife Management, Wildlife Conservation, Hunting and Game Management, Angling and Fish Management, Bow Hunting, Survival Skills, Wilderness Navigation, and many other related activities. Outdoor Education has a large archery component. Students typically shoot archery approximately 1/3 of class time. We also participate in outdoor activities such as orienteering and survival training.</p> <p>Hunters Education Certification is offered to grade 10 students (Module in Outdoor Ed Fee = \$ 35.00)</p> <p>Pleasure Craft Operator Certification is offered to grade 11 students (Module in Outdoor Ed Fee = \$ 35.00)</p> <p>Course Fee = \$15.00</p> <p>https://youtu.be/GiGQzf4CRiQ</p>
Psychology 20, 30	<p>https://education.alberta.ca/media/159533/psychology-20-30.pdf</p> <p>Psychology is designed to help you develop the skills and understandings that make it possible for more effective living in our complex environment. We will focus on the scientific approach to understanding human behavior so that you may appreciate the reasons that underlie your own behavior. The course is divided into two chapters: Personal Psychology (3 credits) and General Psychology (3 credits).</p>
Reading 15, 25	<p>Reading 15/25 is a class to give you designated time to read for pleasure. There are no assigned novels in this class; you can bring your own book from home or find a great read at the school! Reading 15/25 requires that you create a reading notebook to reflect on your own reading, but there are no essays or reading comprehension questions. If you love to read, or want to rekindle your love of reading, this is a great 5 credit option course.</p> <p>**Please not there is no Reading 35**</p>

Spanish 10, 20, 30	Spanish 10 is a basic introduction to the Spanish language. The course is intended for students who have very little or no background in Spanish. Course content includes the development of communication skills, vocabulary acquisition, and an exploration of Spanish and Latin American cultures. Successful completion of Spanish 10 leads to Spanish 20 and 30.
Sports Medicine 15, 25, 35	<p>The sports medicine course at Churchill has been designed to give students an opportunity to learn about the various facets of sports injuries, first aid care, training room management, game care management and the various professions related to sports medicine. This course will be module-based and will focus on the following areas:</p> <p>Health and Wellness Injury prevention and management</p> <ul style="list-style-type: none"> • Musculo-skeletal system • Therapeutic Modalities • First aid/CPR • Understanding various taping techniques • Practical application (taping, working with teams, etc.) <p>Students will have an opportunity to learn how to care for and manage sport-related injuries by completing a practical portion of the course. Students will work with sports teams to practice taping methods, apply care to injuries as well as focus on injury prevention and management. This course is designed for students who are interested in sport-related injury & care, and interested in a profession in the sports medicine field.</p> <p>Course Fee = \$25.00</p>
Tae Kwon Do	<p>This class is offered to students with an interest in learning a traditional martial art. Students will learn the fundamental movements, stances, blocks, punches, and kicks of one of the world’s most dynamic self-defence forms. Classes are offered in a safe, traditional format following the tenets of Tae Kwon-Do; Courtesy, Integrity, Perseverance, self-control, and Indomitable Spirit. Instruction will focus on the white belt to yellow belt curriculum. No previous experience is necessary. When choosing this option please keep in mind that this class will require physical exertion each session and requires members to pay strict attention to the instructor at all times. Students will be expected to maintain a clean uniform and participate to their best ability each class. Classes run after school. Students come twice per week. There is flexibility for students to allow participation in school sports. Beginners are welcome to start in September. No previous experience is necessary. Students can earn three credits each semester.</p> <p>Course Fee = \$30.00 (uniform)</p>
Tech Theatre 15, 25, 35	<p>This course is designed to offer students an opportunity to explore and experience the skills necessary to realize a theatrical performance through the exploration and application of the technical aspects of theatre. Students will have the opportunity to be creative and innovative and apply multiple literacies as they solve complex problems and work toward a theatrical performance. Throughout the course, students will explore various areas of Technical Theatre including: Theatre Safety, Stage Management, Sound, Lighting, Set Design and Properties, Costumes and Make-up.</p>

WCHS Leadership	The emphasis of the course is leadership, character development and social responsibility. The students will demonstrate their understanding of the critical values and attitudes needed to become a leader of oneself, therefore, being able to lead others by example. Students will actively engage in the delivery and scope of this class by leading various in-class and out of class endeavors. This engagement will encourage students to take a leadership role and exemplify what they have learned throughout their exploration of leadership. Through this involvement students will also refine their leadership style, personal vision and their life's direction, and an understanding of their social responsibilities.
World Geography 20, 30	Geography 20/30 combines both Canadian and World Geography into two 3 credit courses completed in a single semester. Largely project based, students will explore both physical and human geography. From understanding settlement patterns in our own city, to understanding the human impact of population growth on a global level, this inquiry based course will foster an appreciation of the effects our world has on us, the influence we have upon the world. Let's explore the globe together!

International Baccalaureate

- English 10i, 20i, 30i
- Math 10i, 20i, 30i, 31i
- Science 10i
- Social Studies 10i, 20i, 30i
- Chemistry 20i, 30i, 25i
- Biology 20i, 30i, 35i
- Spanish 10i, 20i, 30i
- French 10i, 20i, 30i
- Art 10i, 20i, 30i
- Music 10i, 20i, 30i
- Drama 10i, 20i, 20i
- World Literature 25i
- World History 25i
- Theory of Knowledge

IB Program Fee = \$100.00

IB Program Exam Fee = \$200.00 (only applied if a student signs up but does not write)

Knowledge and Employability Occupational Courses	
Art/Media Communications 10-4, 20-4, 30-4	https://education.alberta.ca/media/1089121/art10_06.pdf
Business Services 10-4, 20-4, 30-4	https://education.alberta.ca/media/1089124/bus10_06.pdf
Construction Building 10-4, 20-4, 30-4	https://education.alberta.ca/media/1089125/constrb10_06.pdf
Fabrics 10-4, 20-4, 30-4	https://education.alberta.ca/media/1089128/fab10_06.pdf
Foods 10-4, 20-4, 30-4	https://education.alberta.ca/media/1089129/foods10_06.pdf

