

Elective Program Descriptions and Pre-Requisites

The following elective course descriptions reflect the courses that have been offered at FFCA High School in the past and are being considered for the upcoming school year. It is important to note that not all courses may be offered in all years and that student demand and staff expertise will affect the availability of elective courses.

GRADE 9

Art 9 (\$125 fee applies which includes an extensive art supply kit that is to be used through Art 9-30)

This course enables students to have a greater level of understanding of what the creation of art forms involves – with critical skills and an appreciation of the role of art and artists in historical and contemporary society. The program concentrates on art fundamentals and working with the basic techniques and skills needed for drawing, painting, and sculpture as well as learning art vocabulary and history. After taking this course, students will be well versed in the basics of art creation, understanding and appreciation.

Prerequisite: None.

Choral Music 9 (\$25 fee applies which includes music folder for the year)

This course is a Performance Art course. Along with the Choral 10-20-30 students, the Choral 9 students form one mass choir of generally 60-75 members. These students rehearse together and perform at various venues and concerts, as a group. This course meets Tuesdays and/ or Wednesdays at lunch, as well as Thursdays, Block 5, 3:30-5:30pm. Additional rehearsal times are TBA during concert season.

Prerequisite: None

New Media 9 (\$10 fee applies)

In this course we will study creative software to produce and manipulate digital images, animations and/or videos. You may also use printing technology to turn your graphic design into a sticker! Students will practice digital citizenship and strengthen their critical thinking skills while engaging with powerful creative tools.

Prerequisite: None

Robotics 9 (\$70 fee applies)

In this course students will design, build, and program a robot to complete missions related to a relevant theme. As a project-based course, students will also identify a specific problem related to that theme. They will research various aspects of a problem and propose a combination of technical, social and political solutions to the problem. Students will use an appropriate Robot Control Language (RCL). This course is designed for students to prepare for the For Inspiration and Recognition of Science and Technology (FIRST) LEGO League. Students will attend and participate in one FLL showcase event hosted at FFCA and the Calgary Regional Championship.

Restrictions: The course is only offered in first semester to match the competition dates.

Prerequisites: None

Note: there are culminating events on a Saturday in mid-January and again in mid-February.

Drama 9 (\$25 fee applies)

This course provides students an opportunity to explore theatre in an effervescent and energizing familial community. Students grow personally and artistically in this course as they delight in the exploration of varying theatre concepts and skills through group and individual projects, such as Tableaux, Pantomime, Mask, Choral Speech, Ensemble Theatre, Comedic Scripts, and Monologues. Drama 9 students also enjoy various workshops with professional artists, exploring such avenues as Stage Combat and Improv Theatre. Basic acting exercises develop the fundamental skills of concentration, relaxation, trust, imagination, collaboration, self-confidence, and both verbal and non-verbal communication. Students will also be introduced to the vocabulary of the stage and the various roles and responsibilities of theatre artists. As this is a Performance Art course, each unit of study concludes with a performance on the stage. Students may also be selected to perform projects at lunch during *Theatre Thursday*. Students are required to attend after school performances of the Musical (first semester)/ One Acts (second semester) and Class Acts. **Prerequisite:** None.

Legal Studies 9: Law & Ethics *(No fee applies)*

In the first half of the semester, this course offers students the opportunity to explore the Canadian legal system through legal history, criminal investigations, forensic analysis, and mock criminal trials and Supreme Court cases. The second half of the semester challenges students to understand what they believe about right and wrong and how they formed those beliefs; they then apply that knowledge to difficult ethical topics facing our world today and consider the potential consequences of the choices we make. Ethics topics include, but are not limited to: capital punishment, stem cell research, the distribution of wealth and resources, and how to be an ethical citizen in an unethical world.

Prerequisite: None

Journalism 9: *(No fee applies)*

Students will study the basic principles of print and online journalism as they examine the role of printed news media in our society. They will learn investigative skills, responsible reporting, and journalistic writing techniques as they read, respond to, and write their own news and feature articles. Students will conduct interviews, research, write, and design their own publications.

Prerequisite: None

Outdoor and Environmental Education 9 *(\$150 fee applies)*

Environmental and Outdoor Education provides students with opportunities to experience the outdoors and their natural environment to help develop an understanding of ecologically sound practice. Students will engage in a variety of activities both in-class and outdoors that will provide them with the basic level of knowledge and skills necessary to pursue many outdoor activities in a safe, enjoyable, and responsible manner. It is hoped that students will finish the course with a life-long appreciation for outdoor pursuits and environmental issues.

Activities: Camping, cooking, shelter building, orienteering, canoeing, fire building, animal

Prerequisites: None

French 9 (*\$25 fee applies*)

This course is designed for students with little or no knowledge of the language of French. The course covers basic French structures, vocabulary and idiomatic expressions, and patterns of pronunciation, emphasizing both written and oral communicative skill. Cultural materials focus on French in the Canadian context.

Prerequisite: None

Spanish 9 (*\$25 fee applies*)

Students will learn how to use Spanish effectively and competently in a variety of situations and for a variety of purposes. Students will also acquire the knowledge, skills and attitudes to be effective global citizens. Students will learn the basic skills of listening, speaking, reading and writing by applying different strategies in the classroom. **Prerequisite: 60% or better in Span. 8.**

Guitar 9 (*\$25 fee applies*)

You do not need previous experience playing guitar to be successful in this course. All you need is a desire to learn, resilience and the will required to practice and play the guitar. Lessons are taught in a group situation with individuals of varying skill levels. This course will introduce areas of general music including chords, chord progressions, guitar technique, ear training, some theory and playing in a group (band) context. There may be an introduction to recording depending on class progression and interest. To participate in this course, you must have your own acoustic guitar or be able to rent one. Rentals are as low as \$15.00/month for a starter guitar at Long & McQuade of which 60% can go towards purchase if you want to keep the guitar. This is a great opportunity to begin or improve upon playing the guitar in a safe and collaborative environment. **Prerequisite: None**

Film Studies 9 (*\$10 Fee Applies*)

In this course we will examine traditional movies as well as documentary. Students will be exposed to films spanning cinematic genres including Film Noir, Comedy, Thriller, Early Silent, Foreign, etc. The course will be equal parts film study and film production, as students will come together as a class to produce their own documentary piece.

Over the course of this semester we will view and examine films (critically, creatively, from a research aspect in writing and in discussion). Students will consult with professionals working in the field and discuss their creative and production process (for instance, what it's like to see a film through from inception right to its presentation), receive instruction in various production skills necessary to create a video documentary and complete a series of exercises from conceptualization through postproduction, culminating in production of a short documentary (to be worked on and completed as a class).

Prerequisite: None

Learning Strategies 9 (*No fee applies*)

The Learning Strategies Course is designed to assist students in making a smooth and successful transition in all core classes. It provides extra support for practicing and learning concepts from core classes, and it helps students improve their individual academic gaps by introducing them to a variety of high school survival/study skills. Major focus will be on note-taking, test-taking, study and organizational skills, and on the integration and application of acquired knowledge and skills. Students will also work to improve their goal setting habits, time management, and self-awareness skills. The aim of this course is to improve motivation in students so that they develop self-confidence and self-esteem thus giving them the drive to learn and to become successful and independent individuals in school and beyond.

Prerequisite: None

10-LEVEL (Usually taken in grade 10. May also be taken in grades 11 & 12 if schedule allows.)

Art 10 (*\$125 fee applies*)

This is the first course of FFCA High School's senior high Visual Arts program which enables students to have a greater level of understanding of what the creation of art forms involves – with critical skills and an appreciation of the role of art and artist in historical and contemporary society. The program concentrates on working with drawing, painting, urban art & sculpture, mixed media and developing an art vocabulary.

**If a student did not take ART 9 and does not have materials, a basic Art supply kit is available to purchase for \$100 or they may purchase individual items as needed. A sketchbook, fine liner and blending stick are provided for this course. Prerequisite: None*

Business Education 15: Business Education & Marketing (*\$20.00 fee applies*)

An introduction to the Business Education course focuses on the management and marketing aspects of business. Expect to work in groups, make presentations and learn about time-management & marketing strategies. It includes the following 5 CTS modules: MAM 1010 Management & Marketing Basics, MAM 1020 Quality Customer Service, MAM 1040 E-Commerce, MAM 2030 Visual Merchandising, MAM 2090 Print Advertising. **Prerequisite: None**

Choral Music 10 (*\$25 fee applies which includes music folder for the year*)

Choral 10 is a full-year, 5-credit course that meets on Tuesdays and/or Wednesdays at lunch, and Thursdays during Block 5, 3:30-5:30pm. Additional rehearsals are TBA during concert season. This is a performance art class; students in Choral 9-10-20-30 join together to create a mass choir, generally 45-60 members, who rehearse together and perform at various venues and concerts, as a group. This course emphasizes developing correct vocal techniques and the ability to make aesthetic judgments based on critical listening and analysis of music. Students learn to interpret rhythm, melody, harmony, form and expression as they appear in musical notation. They also develop creativity by composing, improvising and interpreting music. The program strives to help students grow in the appreciation, understanding and enjoyment of

music as a source of personal fulfillment and cultural expression.

Prerequisite: None

New Media 10: *(\$25 fee applies)*

This five-credit class focuses on technology for creating graphic design, photography, animation and video. We will explore software to create and manipulate images, animations and videos. You will gain hands-on experience with quality digital cameras and engage in printing processes such as vinyl-cut sticker and tee shirt production.

Prerequisite: None

Robotics and Computer Science 10: *(\$40 fee applies)*

This course consists of CTS modules which focus on the essential concepts of structured computer programming; electronic assembly; and the electric, mechanical, and programming design of robots. Students will have an opportunity to design and use their robots to meet various objectives. The course will make use of the VEX Robotics platform and can be geared towards preparing for and competing in regional VEX Robotics competitions. Successful completion of this class will earn you five CTS Credits.

Restrictions: The course is only offered in second semester to match equipment availability.

Prerequisite: None

Design Studies 10 *(\$40 fee applies)*

This five-credit course will introduce you to the elements and principles of design through the use of digital technologies and traditional creative media (such as pencil and paper). You will access a variety of state-of-the-art software packages; including Autodesk's Revit Architecture, 3ds Max, and Inventor as well as Adobe's Illustrator and Photoshop. We will also work hands on to fabricate objects using modeling tools, 3D printing and laser cutting.

Prerequisite: None

Creative Writing 15: *(\$35 fee applies)*

Creative Writing and Publishing is a course where students can follow their writing interests and passions while learning to hone their own voices and style with short stories, poems, and non-fiction writing. Students will write in a variety of specific creative writing genres, and they are encouraged to experiment with new ideas, concepts and processes in their writing. Students will begin and manage their own digital portfolios via their own blog; furthermore, they will explore and learn about various writing markets and contests for publishing their work.

Prerequisite: None

Drama 10 (*\$75 fee applies*)

This course provides students an opportunity to explore theatre in an effervescent and energizing familial community. Students grow personally and artistically in this course as they delight in the exploration of an exciting and creative Performance Art, focusing on acting, rehearsal, performance, community, and stage skills! The Drama program develops the student's creative potential and lays the foundation for excellence in performance. Areas covered include Pantomime, Movement, Speech and Improvisation, Acting techniques (Meisner), Technical Theatre, with a continual focus on performance. Each unit of student concludes with a performance on our stage, and a final Class Acts performance for audience nearing the end of the term. Students may also be selected to perform projects at lunch during *Theatre Thursday*. Students are required to attend after school performances of the Musical (first semester)/ One Acts (second semester) and Class Acts. **Pre-requisite: None**

Advanced Acting 15 (*A fee is applied for the annual trip to Red Deer: approx. \$300*)

This course is an exciting and effervescent 5-credit course dedicated to the creation, rehearsal, and performance of ONE ACT plays, offered after school during the second semester in Block 5. The focus is on the ONE ACT rehearsals and performances to be presented each year at the Alberta High School One Act Festival (AHSDFA). We range from producing 1-6 plays, all student directed, some student written, to showcase at the Zone Festival in hopes of producing at the Provincial Level in Red Deer. Students enrolling in this course will have to commit to rehearsals every Monday, Tuesday and Wednesday from 3:30 – 5:30pm, Fridays from 2-7pm, and some additional weekends. Performances are at the end of April and a trip to Red Deer in May.

Prerequisite: Audition ticket, Monologue Audition, Cold Reads, and Proposals (for Directors/Playwrights).

Musical Theatre 15 (*\$85.00 fee applies*)

This course is an exciting and effervescent 5-credit course dedicated to the creation, rehearsal, and performance of our annual musical, offered after school during the second semester in Block 5. Past performances include, The Addams Family, Beauty and the Beast, Cinderella, among others. This course is offered after school during our Block 5 time, generally Mondays, Tuesdays, Wednesdays from 3:30-5:30pm, and Fridays from 2-7pm. Saturday times are also added three weeks prior to performance. Students enrolling in this course will be actively involved with the annual musical theatre performance during the first semester each year.

Prerequisite: A successful musical audition (singing, choreo, monologue, cold reads), Audition Ticket

Technical Theatre 15 (*A fee is applied for the annual trip to Red Deer: approx. \$300, if taken semester 2*)

This course is offered after school during our Block 5 time (Monday, Tuesday, Wednesday, 3:30-5:30pm, plus some additional weekend time). The focus of this course is to provide an introduction to the backstage arts and crafts of the Theatre set, props, costume design and construction, lighting and sound design and execution; stage management; company management. Students taking this course will be expected to commit to class time and performance schedules. Every student must commit to performing technical duties at least one of the following: Musical OR One Act Performances and One Act Festival in Red Deer.

Prerequisite: None

Outdoor/Environmental Education 15 & Winter Travel 15 (*\$200 fee applies*)

This course provides students with the opportunity to engage in a variety of activities focusing interactions with the natural habitat. It includes four or five of the following CTS modules: WLD1010 Introduction to Wildlife, WLD1060 Wilderness Navigation, WLD1050 People, Culture & Wildlife Heritage, WLD1100 Outdoor Cooking Theory, and TOU 1010 Introduction to Tourism.

Outdoor/Environmental includes a mandatory three credit off-campus course, **Winter Travel 15**. It is a four day, three-night mandatory course, making **Outdoor Ed. 15** worth a total of 7- 8 credits. Credits are awarded from Canadian Rockies School Division for the off-campus portion of this course.

Prerequisite: None

French 10 (*\$25 fee applies*)

This is the beginner course in the 3-year program. In this course, you'll focus on the four basic communication skills: listening, speaking, reading, and writing. You will learn about French and Quebecois culture as you discover the language through a classroom immersion in the language approach. **Prerequisite: None**

Spanish 10 (*\$25 fee applies*)

Students continue to learn how to use Spanish effectively and competently in a variety of situations and for a variety of purposes. Students will also acquire the knowledge, skills and attitudes to be effective global citizens. Students will learn the basic skills of listening, speaking, reading and writing by applying different strategies in the classroom.

Prerequisite: 60% or better in Spanish 9.

Guitar 10 (*\$25 fee applies*)

You do not need previous experience playing guitar to be successful in this course. All you need is a desire to learn, resilience and the will required to practice and play the guitar. Lessons are taught in a group situation with individuals of varying skill levels. This course will introduce areas of general music including chords, chord progressions, guitar technique, ear training, some theory and playing in a group (band) context. You will also be introduced to recording where you will experiment with playing your guitar tracks, singing your vocal track and playing your bass track (singing and bass are optional) to a song of your choice from our repertoire. To participate in this course, you must have your own acoustic guitar or be able to rent one. Rentals are as low as \$15.00/month for a starter guitar at Long & McQuade of which 60% can

go towards purchase if you want to keep the guitar. This is a great opportunity to begin or improve upon playing the guitar in a safe and collaborative environment. **Prerequisite: None**

Psychology 20 *(no fee applies)*

This course is a combination of General Psychology 20 and Personal Psychology 20. It is designed to develop the skills and understandings that make it possible for more effective living in our complex environment. The student's attention will focus on the scientific approach to understanding human behaviour so that he/she may appreciate more fully the reasons that individuals act in particular ways. This is a 6 credit academic option at the 20 level so students should be prepared for a significant work load, although a lot of class time is given for the work.

Prerequisite: None-this course is available for students in grades 10-12

Learning Strategies 15 *(No fee applies)*

The Learning Strategies Course is designed to assist students in making a smooth and successful transition in all core classes. It provides extra support for practicing and learning concepts from core classes, and it helps students improve their individual academic gaps by introducing them to a variety of a high school survival/study skills. Major focus will be on note-taking, test-taking, study and organizational skills, and on the integration and application of acquired knowledge and skills. Students will also work to improve their goal setting habits, time management, and self-awareness skills. The aim of this course is to improve motivation in students so that they develop self-confidence and self-esteem thus giving them the drive to learn and to become successful and independent individuals in school and beyond.

Prerequisite: None

20-LEVEL (Usually taken in grade 11. May also be taken in grade 12 if schedule allows.)

Art 20 (\$125 fee applies)

This is the second course of the Visual Arts program which enables students to have a greater level of understanding of what the creation of art forms involves – with critical skills and an appreciation of the role of art and artist in historical and contemporary society. The program concentrates on working with drawing, painting, sculpture, mixed media and further development of contemporary art forms and vocabulary.

**If a student did not take ART 9 and does not have materials, a basic Art supply kit is available to purchase for \$100 or they may purchase individual items as needed. A sketchbook, fine liner and blending stick are provided for this course.*

Prerequisite: 50% or better in Art 10.

Business Education 25: Enterprise & Innovation (Entrepreneurship) (\$20 fee applies)

This course focuses on the fundamentals of starting a new business. Students will embark with a team in designing, creating and selling their own product. By analyzing the markets and carefully choosing their implementation strategies, it will take the strong, creative and truly motivated to come out on top in the competitive business challenge at the end of the semester. It includes the following CTS modules: ENT1010 Challenge & Opportunity, ENT1910 Enterprise Project A, ENT2030 Marketing the Venture, ENT2040 Create the Venture and ENT2910 Enterprise Project B. **Prerequisite: None.**

Choral Music 20 (\$25 fee applies which includes music folder for the year)

Choral 20 is a full-year, 5-credit course that meets on Tuesdays and/or Wednesdays at lunch, and Thursdays during Block 5, 3:30-5:30pm. Additional rehearsals are TBA during concert season. This is a performance art class; students in Choral 9-10-20-30 join together to create a mass choir, generally 45-60 members, who rehearse together and perform at various venues and concerts, as a group. Choral Music 20 is the second course in the high school choral music program. The choral music program's emphasis is on developing correct vocal techniques, the ability to make aesthetic judgments based on critical listening and analysis of music. Students

also learn to interpret rhythm, melody, harmony, form and expression as they appear in musical notation. They will also develop creativity by composing, improvising and interpreting music.

The program also strives to help students grow in the appreciation, understanding and enjoyment of music as a source of personal fulfillment and cultural expression.

Prerequisite: 50% or better in Choral Music 10

New Media 20 (*\$25 fee applies*)

This five-credit class builds on the content covered in New Media 10 while introducing new skills and offering students greater creative freedom. We will study raster graphics (Adobe Photoshop), vector graphics (Adobe Illustrator), digital photography, printing processes (sticker and tee-shirt production), animation techniques (Adobe Flash, stop-motion, Claymation) and audio/video production (Adobe Premiere, After Effects).

Prerequisite: 50% or higher in all New Media 10 modules

Robotics and Computer Science 20: (*\$70 fee applies*)

This course focuses on the essential concepts of procedural computer programming; the conceptual and technical application of sensors; and the electric, mechanical, and programming design of robots. Students will have an opportunity to design and use robots to meet various objectives. The course will make use of the VEX Robotics platform and can be geared towards preparing for and competing in regional VEX Robotics competitions. Successful completion of this class will earn you five CTS Credits.

Restrictions: The course is only offered in first semester to match the competition dates.

Prerequisite: 50% or better on all Robotics and Computer Science 10 modules

Note: there is a culminating event on a Saturday in early-December or early-January.

Design Studies 20 (*\$40 fee applies*)

This five-credit course builds on the skills and concepts gained in Design Studies 10. We will create projects using Autodesk's Revit Architecture, Inventor and 3ds Max as well as Adobe's Illustrator and Photoshop. You will render house plans complete with elevations, perspectives

and some detail drawings, produce simple 3D models and create a variety of graphic designs. There is a hands-on portion to this course which will involve the use of modeling tools, 3D printing, CNC laser cutting and CNC vinyl cutting.

Prerequisite: 50% or better in all Design Studies 10 modules

Creative Writing 25 (*\$35 fee applies*)

Creative Writing and Publishing is a course where students can follow their writing interests and passions while learning to hone their own voices and style with short stories, poems, and non-fiction writing. Students will write in a variety of specific creative writing genres, and they are encouraged to experiment with new ideas, concepts and processes in their writing. Students will begin and manage their own digital portfolios via their own blog; furthermore, they will explore and learn about various writing markets and contests for publishing their work.

Prerequisite: None

Drama 20 (*\$75 fee applies*)

This is an exciting continuum of the Drama stream- an exciting and creative Performance Art course with many opportunities to hone acting and playwriting skills through varying performance units. This course builds on the foundation of Drama 10 in continuing to develop the student's creative potential laying the foundation for performance. Areas covered include orientation, movement, speech and improvisation, acting, technical, theatre design and theatre studies with a focus on scriptwriting. Each unit of student concludes with a performance on our stage, and a final Class Acts performance for audience nearing the end of the term. Students may also be selected to perform projects at lunch during *Theatre Thursday*. Students are required to attend after school performances of the Musical (first semester)/ One Acts (second semester) and Class Acts. **Prerequisite: 50% or better in Drama 10 or teacher interview/audition.**

Advanced Acting 25 (*A fee is applied for the annual trip to Red Deer: approx. \$300*)

This course is an exciting and effervescent 5-credit course dedicated to the creation, rehearsal, and performance of ONE ACT plays, offered after school during the second semester in Block 5.

The focus is on the ONE ACT rehearsals and performances to be presented each year at the Alberta High School One Act Festival (AHSDFA). We range from producing 1-6 plays, all student directed, some student written, to showcase at the Zone Festival in hopes of producing at the Provincial Level in Red Deer. Students enrolling in this course will have to commit to rehearsals every Monday, Tuesday and Wednesday from 3:30 – 5:30pm, Fridays from 2-7pm, and some additional weekends. Performances are at the end of April and a trip to Red Deer in May.

Prerequisite: Monologue Audition, Cold Reads, and Proposals (for Directors/Playwrights).

Musical Theatre 25 *(\$85 fee applies)*

This course is an exciting and effervescent 5-credit course dedicated to the creation, rehearsal, and performance of our annual musical, offered after school during the second semester in Block 5. Past performances include, The Addams Family, Beauty and the Beast, Cinderella, among others. This course is offered after school during our Block 5 time, generally Mondays, Tuesdays, Wednesdays from 3:30-5:30pm, and Fridays from 2-7pm. Saturday times are also added three weeks prior to performance. Students enrolling in this course will be actively involved with the annual musical theatre performance during the first semester each year.

Prerequisite: A successful Musical Theatre audition (singing, choreo, monologue, cold reads)

Technical Theatre 25 *(A fee is applied for the annual trip to Red Deer: approx. \$300, if taken semester 2)*

This course is offered after school during our Block 5 time (Monday, Tuesday, Wednesday, 3:30-5:30pm, plus some additional weekend time). The focus of this course is to provide an introduction to the backstage arts and crafts of the Theatre set, props, costume design and construction, lighting and sound design and execution; stage management; company management. Students taking this course will be expected to commit to class time and performance schedules. Every student must commit to performing technical duties at least one of the following: Musical OR One Act Performances and One Act Festival in Red Deer.

Prerequisite: Technical Theatre 15 (or permission from the teacher)

Fundamentals of Coaching in Sport & Recreation (Coaching/Kinesiology 25) (\$20 fee applies)

This advanced physical education course focuses on principles of athletic training. Modules include:

Coaching 1 (REC 2120): Students learn basic coaching skills common to all sports in the areas of planning and delivering a practice, teaching and learning, and mental skills training.

Foundations for Training 1 (REC 1040): Students create fitness activities and develop a basic individual fitness plan to achieve goals for health-related and performance-related components.

Nutrition and Wellness (REC 2010): Students learn the importance of nutrition and hydration for the promotion and maintenance of physical, emotional and social health and wellness throughout life.

Leadership in Recreation & Sport (REC 2060): Students learn basic skills and developmental principals for teaching recreation activities and foundational movement concepts to children and youth.

REC Project E (REC 3920): Students develop project design and management skills to extend and enhance competencies and skills in other CTC courses through contexts that personally relevant.

A coach assists athletes by helping them improve so they may reach their full potential. You will be able to identify their needs, to plan and implement suitable training program for your players through what you've learned in the 5 modules

Prerequisite: 50% or better in PE 10

Outdoor/Environmental 25 & Water Experience 15 (\$200 fee applies)

This is an intermediate course focusing on the development of knowledge and skills to allow students to safely and competently interact with the natural habitat. It will include four or five of the following CTS modules: WLD2020 Diversity of Wildlife Values, WLD2040 Wildlife Species and Spaces, WLD2100 Outdoor Cooking Practice, HSC 2020 Level C First Aid CPR + AED, TOU

1120 Adventure and Ecotourism, WLD1130 Outdoor Survival Skills, and WLD 1910/2910 (Project A/B) which is a self-guided project that extends prior learning.

Outdoor/Environmental 25 includes a mandatory three credit off-campus course, Water Experience 15. It is a four day, three-night mandatory course, making Outdoor Ed. 25 worth a total of 7-8 credits. Credits are awarded from Canadian Rockies School Division for the off-campus portion of this course.

Prerequisite: Outdoor/Environmental Ed. 15. In special cases, students can do the prerequisites for this course independently. Please speak Mr. Widmer for more details.

Psychology 20 *(no fee applies)*

This course is a combination of General Psychology 20 and Personal Psychology 20. It is designed to develop the skills and understandings that make it possible for more effective living in our complex environment. The student's attention will focus on the scientific approach to understanding human behaviour so that he/she may appreciate more fully the reasons that individuals act in particular ways. This is a 6 credit academic option at the 20 level so students should be prepared for a significant work load, although a lot of class time is given for the work.

Prerequisite: None-this course is available for students in grades 10-12

Sociology 20/30 *(no fee applies)*

Sociology 20/30 is a combination of Sociological Institutions 20 and Applied Sociology 30. It is designed to develop within the student a better understanding of group behaviour. This understanding should be based on fact rather than opinion. The sociological perspective focuses on "what is" rather than "what ought to be." Students will be able to analyze occurrences around them objectively and based on sociological theory. They should feel themselves to be a part of society, understand its influence on their lives, and visualize their roles in societal change. This is a 6 credit academic option at the 20/30 level so students should be prepared for a significant work load, although a lot of class time is given for the work.

*Grades in Sociology 30 can be used for university application at most major universities.

Prerequisite: None-this course is recommended for students in grades 11-12, although special permission may be given to some grade 10 students after discussion with teacher

World Religions 20/30 (\$25 fee applies)

This course is designed to allow students to grow into informed, caring, and contributing members of society, who appreciate their own beliefs and values, and the beliefs and values of others, and who understand the role religion plays in human life. This course begins with an overview of the key dimensions of religion, then moves into units on Christianity, Islam, secular beliefs, Hinduism, Daoism, Buddhism, Aboriginal beliefs, Sikhism, and Judaism. A key feature of this course will be field trips to places of worship and inviting spiritual leaders to visit our campus as guest speakers.

Prerequisite: Note-this course is available for students in grades 11-12

In order to meet Alberta Education Guidelines, parents must provide permission for students to enroll in this course, due to the explicit religious content.

French 20 (\$25 fee applies)

French 20 is the second year course in the 3-year program. In this course, you will strengthen the four basic communication skills: listening, speaking, reading, and writing. You will learn about French and Quebecois culture as you discover the language through a classroom immersion in the language approach. **Prerequisite: French 10-3 Year Program**

Spanish 20 (\$25 fee applies)

Students continue to learn how to use Spanish effectively and competently in a variety of situations and for a variety of purposes. Students will also acquire the knowledge, skills and attitudes to be effective global citizens. Students will learn the basic skills of listening, speaking, reading and writing by applying different strategies in the classroom.

Prerequisite: 50% or better in Spanish 10

Guitar 20 (\$25 fee applies)

This is a one-semester course delving into intermediate concepts of the instrument and application of essential music practices. Students will go beyond the basics of playing guitar towards an intermediate level through studying music notation, tab, chord symbols, ear training, and peer modeling. All students will have ample opportunity to advance their skills through taking on more complex melodic, harmonic and rhythmic elements throughout our study of music and the guitar. The main objective of this course is to obtain an enhanced appreciation and deeper passion for music through playing the guitar. The history of the guitar along with a study of its respective musical styles will be further covered in this course enabling students to gain a better understanding of many different musical genres including classical, flamenco, blues, jazz, rock, and pop music.

Prerequisite 75% or better in Guitar 10

However, if a student can demonstrate that they are of an advanced level by fulfilling specific criteria through an audition process, exceptions may be considered despite a student not taking Guitar 10 at FFCA High School

30-LEVEL (Usually taken in grade 12)**Art 30** (\$125 fee applies)

This is the third course of FFCA High School's senior high Visual Arts program which enables students to have a greater level of understanding of what the creation of art forms involves – with critical skills and an appreciation of the role of art and artist in historical and contemporary society. The program allows for students to develop their own personal style, art creation and participate in art criticism. In this course, students are required to be self-motivated and work independently. It is expected that the students have a broad range of knowledge and skills from previous art courses.

**If a student did not take ART 9 and does not have materials, a basic Art supply kit is available to purchase for \$100 or they may purchase individual items as needed. A sketchbook, fine liner and blending stick are provided for this course.*

Prerequisite: 50% or better in Art 20.

Business Education 35: Personal Finance & Investing (\$20 fee applies)

This course focuses on the basics of personal financial management and general and stock market investing. It includes three credits worth of study in Economics for Consumers 20 focusing on factors that may influence income and expenditures, budgeting, advantages and disadvantages of credit, debt management, inflation, and understanding of capital goods markets. It also includes three CTS modules: FIN1010 Personal Financial Information and FIN2060 Personal Taxation, and Economics for Consumers. **Prerequisite: None.**

Choral Music 30 (\$25 fee applies which includes music folder for the year)

Choral 10 is a full-year, 5-credit course that meets on Tuesdays and/or Wednesdays at lunch, and Thursdays during Block 5, 3:30-5:30pm. Additional rehearsals are TBA during concert season. This is a performance art class; students in Choral 9-10-20-30 join together to create a mass choir, generally 60-75 members, who rehearse together and perform at various venues and concerts, as a group. Choral Music 30 is the third course in the high school choral music

program. The choral music program's emphasis is on developing correct vocal techniques, the ability to make aesthetic judgments based on critical listening and analysis of music. Students also learn to interpret rhythm, melody, harmony, form and expression as they appear in musical notation. They will also develop creativity by composing, improvising and interpreting music. The program also strives to help students grow in the appreciation, understanding and enjoyment of music as a source of personal fulfillment and cultural expression. **Prerequisite: 50% or better in Choral Music 20**

Creative Writing 35 (*\$35 fee applies*)

Creative Writing and Publishing is a course where students may pursue their writing interests and passions, while building their writing skills and writing identity. This is a creative course, but very complimentary to building necessary skills for ELA 30-1 success. Students are encouraged to experiment with new ideas and concepts, and manage their own portfolios of writing via their own blog. Students will explore and learn about various writing markets; by participating in the actual publication process, students will be provided an authentic realistic experience.

Prerequisite: None

New Media 30 (*\$25 fee applies*)

A culmination of the previous years of study in New Media, this five-credit course offers students an opportunity to guide much of their learning through self-directed research and project development. We will produce creative content catered to your specific interests. For example, students may develop a short film/animation, produce a portfolio of photographs or design and print graphics on clothing.

Prerequisite: 50% or higher in all New Media 20 modules

Robotics and Computer Science 30 (*\$70 Fee applies*)

This course focuses on the essential concepts of object oriented computer programming; the conceptual and technical application of microprocessors and vision systems; and the electric, mechanical, and programming design of robots. Students will have an opportunity to design

and use robots to meet various objectives. This grade 12 level course will build on grade 11 concepts by exploring in more detail kinematics, sensor systems, and artificial intelligence. The course will make use of the VEX Robotics platform and can be geared towards preparing for and competing in regional VEX Robotics competitions. Successful completion of this class will earn you five CTS Credits.

Restrictions: The course is only offered in first semester to match the competition dates.

Prerequisite: 50% or better on all Robotics and Computer Science 20 modules

Note: there is a culminating event on a Saturday in early-December or early-January.

Design Studies 30 (*\$40 fee applies*)

A culmination of the previous Design Studies courses, this class offers an opportunity to guide much of your learning through self-directed research and project development. You will produce design content catered to your specific interests. For example, students may focus on architecture, 3D modelling, laser cutting or any other creative media to produce a professional design portfolio.

Prerequisite: 50% or higher in all Design Studies 20 modules

Drama 30 (*\$75 fee applies*)

This is a Performing Arts course, so all units have a performance aspect that is graded. This course continues to develop the student's creative potential laying the foundation for performance. Areas covered include orientation, movement, speech and improvisation, acting, technical, theatre design and theatre studies. It ties together all the concepts learned in previous courses with a focus on **directing**. All students will complete a Directing Intensive within the course, allowing them to then direct 20-minute scripts for performance. All students will also act in at least one of their peer's directing pieces. Each unit of student concludes with a performance on our stage, and a final Class Acts performance for audience nearing the end of the term. Students may also be selected to perform projects at lunch during *Theatre Thursday*. Students are required to attend after school performances of the Musical (first semester)/ One Acts (second semester) and Class Acts. **Prerequisite: 50% or better in Drama 20.**

Drama 30 (\$75 fee applies)

This is a Performing Arts course, so all units have a performance aspect that is graded. This course continues to develop the student's creative potential laying the foundation for performance. Areas covered include orientation, movement, speech and improvisation, acting, technical, theatre design and theatre studies. It ties together all the concepts learned in previous courses with a focus on **directing**. All students will complete a Directing Intensive within the course, allowing them to then direct 20-minute scripts for performance. All students will also act in at least one of their peer's directing pieces. Each unit of student concludes with a performance on our stage, and a final Class Acts performance for audience nearing the end of the term. Students may also be selected to perform projects at lunch during *Theatre Thursday*. Students are required to attend after school performances of the Musical (first semester)/ One Acts (second semester) and Class Acts. **Prerequisite: 50% or better in Drama 20.**

Advanced Acting 35 (A fee is applied for the annual trip to Red Deer: approx. \$300)

This course is an exciting and effervescent 5-credit course dedicated to the creation, rehearsal, and performance of ONE ACT plays, offered after school during the second semester in Block 5. The focus is on the ONE ACT rehearsals and performances to be presented each year at the Alberta High School One Act Festival (AHSDFA). We range from producing 1-6 plays, all student directed, some student written, to showcase at the Zone Festival in hopes of producing at the Provincial Level in Red Deer. Students enrolling in this course will have to commit to rehearsals every Monday, Tuesday and Wednesday from 3:30 – 5:30pm, Fridays from 2-7pm, and some additional weekends. Performances are at the end of April and a trip to Red Deer in May.

Prerequisite: Monologue Audition, Cold Reads, and Proposals (for Directors/Playwrights).

Musical Theatre 35 (\$85.00 fee applies)

This course is an exciting and effervescent 5-credit course dedicated to the creation, rehearsal, and performance of our annual musical, offered after school during the second semester in Block 5. Past performances include, The Addams Family, Beauty and the Beast, Cinderella, among others. This course is offered after school during our Block 5 time, generally Mondays,

Tuesdays, Wednesdays from 3:30-5:30pm, and Fridays from 2-7pm. Saturday times are also added three weeks prior to performance. Students enrolling in this course will be actively involved with the annual musical theatre performance during the first semester each year.

Prerequisite: A successful musical audition (singing, choreo, monologue, cold reads)

Technical Theatre 35 *(A fee is applied for the annual trip to Red Deer: approx. \$300, if taken semester 2)*

This course is offered after school during our Block 5 time (Monday, Tuesday, Wednesday, 3:30-5:30pm, plus some additional weekend time). The focus of this course is to provide an introduction to the backstage arts and crafts of the Theatre set, props, costume design and construction, lighting and sound design and execution; stage management; company management. Students taking this course will be expected to commit to class time and performance schedules. Every student must commit to performing technical duties at least one of the following: Musical OR One Act Performances and One Act Festival in Red Deer.

Prerequisite: Technical Theatre 25 (or permission from the teacher)

Outdoor/Environmental + Winter Travel 35 *(\$200 fee applies)*

This is an advanced course focusing on the development of knowledge and skills to allow students to safely and competently interact with the natural habitat. It includes four or five of the following CTS modules: TOU 2120 Adventure and Ecotourism 2, WLD3020 Wildlife Protection & Stewardship, WLD3050 Wildlife Management Principles, WLD2130 Outdoor Excursion, WLD3130 Outdoor Leadership, WLD3140 Introduction to Guiding, WLD 2910/3910 (Project B/C) which is a self-guided project that extends prior learning.

Outdoor Ed. 35 includes a mandatory three credit off campus course, Winter Travel 25 or Water Experience 25 (students who finish grade 11 Outdoor Ed. will vote on which extension they prefer to do). It is a five day, four-night mandatory course making Outdoor Ed. 35 worth a total of 7 or 8 credits. We are currently looking into dual credit for this course as well, giving you university credits. **Prerequisite: Outdoor/Environmental Ed. 25. In special cases, students can**

do the prerequisites for this course independently. Please speak Mr. Widmer for more details.

If a student takes all three high school outdoor education courses they will receive the following certifications: Level C First Aid (16 hours), Waterfront Canoe Skills Tandem, Moving Water Canoe Introduction (Tandem) OR Avalanche Skills Training (AST 1) depending on trip chosen for grade 12, as well as potential university credit. Credits are awarded from Canadian Rockies School Division for the off-campus portion of this course.

French 30 (*\$25 fee applies*)

Deepen your knowledge of French with French 30. This is the final course in the three year French program. You will build further on listening, speaking, reading, and writing skills. You will also study the francophone world and its culture. **Prerequisite: 50% or better in French 20**

Spanish 30 (*\$25 fee applies*)

Students continue to learn how to use Spanish effectively and competently in a variety of situations and for a variety of purposes. Students will also acquire the knowledge, skills and attitudes to be effective global citizens. Students will learn the basic skills of listening, speaking, reading and writing by applying different strategies in the classroom. **Prerequisite: 50% or better in Spanish 20**

Psychology 20 (*no fee applies*)

This course is a combination of General Psychology 20 and Personal Psychology 20. It is designed to develop the skills and understandings that make it possible for more effective living in our complex environment. The student's attention will focus on the scientific approach to understanding human behaviour so that he/she may appreciate more fully the reasons that individuals act in particular ways. This is a 6 credit academic option at the 20 level so students should be prepared for a significant work load, although a lot of class time is given for the work. **Prerequisite: None-this course is available for students in grades 10-12**

Sociology 20/30 (*no fee applies*)

Sociology 20/30 is a combination of Sociological Institutions 20 and Applied Sociology 30. It is designed to develop within the student a better understanding of group behaviour. This understanding should be based on fact rather than opinion. The sociological perspective focuses on “what is” rather than “what ought to be.” Students will be able to analyze occurrences around them objectively and based on sociological theory. They should feel themselves to be a part of society, understand its influence on their lives, and visualize their roles in societal change. This is a 6 credit academic option at the 20/30 level so students should be prepared for a significant work load, although a lot of class time is given for the work.

*Grades in Sociology 30 can be used for university application at most major universities.

Prerequisite: None-this course is recommended for students in grades 11-12, although special permission may be given to some grade 10 students after discussion with teacher

World Religions 20/30 (*\$25 fee applies*)

This course is designed to allow students to grow into informed, caring, and contributing members of society, who appreciate their own beliefs and values, and the beliefs and values of others, and who understand the role religion plays in human life. This course begins with an overview of the key dimensions of religion, then moves into units on Christianity, Islam, secular beliefs, Hinduism, Daoism, Buddhism, Aboriginal beliefs, Sikhism, and Judaism. A key feature of this course will be field trips to places of worship and inviting spiritual leaders to visit our campus as guest speakers. **Prerequisite: Note-this course is available for students in grades**

11-12

In order to meet Alberta Education Guidelines, parents must provide permission for students to enroll in this course, due to the explicit religious content.