



# **OHPAHO SECONDARY SCHOOL**

## **COURSE SELECTION HANDBOOK**

**A comprehensive guide to school programs and extra  
curricular activities at Ohpaho Secondary School.**

***2024/25***



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# THE REGISTRATION PROCESS

## WHO MAY REGISTER

- Ohpaho Secondary School can accept any student who has ***completed*** junior high school.
- First consideration will be given to students who live within the Leduc boundaries and reside west of Highway 2.
- Depending on student enrollment and staffing, not all listed programs/options may be offered for the 24/25 school year.
- Parents of students who may qualify for the **Inclusive Education Program** can contact Shelley Hamilton, Assistant Principal, at (780) 955-2847 to arrange for program evaluation.

## **NEW STUDENTS not enrolled at feeder schools**

Applications will be accepted on **April 23** at the Leduc Composite High School Library from 4-7 PM.

## **Registration Forms Must Be Filled Out Online**

You will be asked to provide:

- proof of identity (birth certificate)
- a current report card from your previous school
- an Individual Program Plan (if applicable)

**Please Note: The school reserves the right to control the capacity of all programs. For this reason out of jurisdiction students will be accepted as space & resources allow.**

Ap-

plications cannot be completed until all of the above information is presented.

## IMPORTANT DATES

### Timetable Changes (By Appointment Only)

August 22  
August 23

## School Starts for ALL Grades—August 28, 2024

On the registration entry days, students will do the following:

1. Obtain student ID cards (Grade 10, 11 & 12's as necessary)
2. Have lockers issued

**School Fees for Semester 1 are due by the end of September & Semester 2 by mid March**

Please be aware that with late registrations, we cannot ensure that you will receive all the courses you request or require.

## **REGISTRATION CONFIRMATION**

Students will have three (3) days to confirm their registration at Ohpaho Secondary School.

## OSS Pathways

At Ohpaho Secondary School we provide **3 pathways for high school completion.**

[Alberta High School Diploma](#) which has students working towards the completion of 100 high school credits and takes 3 years. On the diploma pathway students have the option of taking the general academic stream of courses (English 10-2, Social 10-2, Math 10-3 or Science 14) or our upper academic stream of courses (English 10-1 Social 10-1, Math 10-C and Science 10).

We also offer the [Knowledge and Employability Certificate of Achievement \(K&E\)](#) which has students working towards the completion of 80 credits and typically takes 2.5 years to complete. The courses taken in this pathway are English 10-4, Social 10-4, Math 10-4 or Science 10-4. Students can start high school on the K & E pathway and as they are moving towards completion of their requirements they can begin upgrading to complete their Alberta Diploma requirements (difference of 5 courses). Students who have been in K&E courses in junior high or students who are having difficulty with grade level coursework may consider this pathway as means to improve their foundational academic skills as well as being prepared for employment at the end of their high school experience.

Our third pathway is a [Certificate of High School Completion](#). This pathway is provided via [Inclusive Education \(IE\)](#) and creates learning opportunities for all students. We have many students who work towards completing high school through their own unique learning program. IE programming is set up to be a 3 year program for students. Students participate in our Graduation Ceremony in May of their Grade 12 year. After the 3 years of high school, the transition to adulthood will begin which sometimes includes a return to high school when appropriate. Our inclusive education team works with students on a vast spectrum: from those with significant educational challenges to those on the cusp of entering the diploma or Knowledge and Employability (K&E) stream.

### English as an Additional Language

OSS strives to be a culturally competent school that meets the needs of students who are developing their English language proficiency as well as learning Alberta content and curriculum. Support is available for newcomer students who have arrived in Canada within the last 5 years. Students will be formally assessed for their level of English language proficiency. We work collaboratively with Action for Healthy Communities (AHC); they support people new to Canada with adjusting to Canadian expectations, learning about programs and services, and accessing local resources.

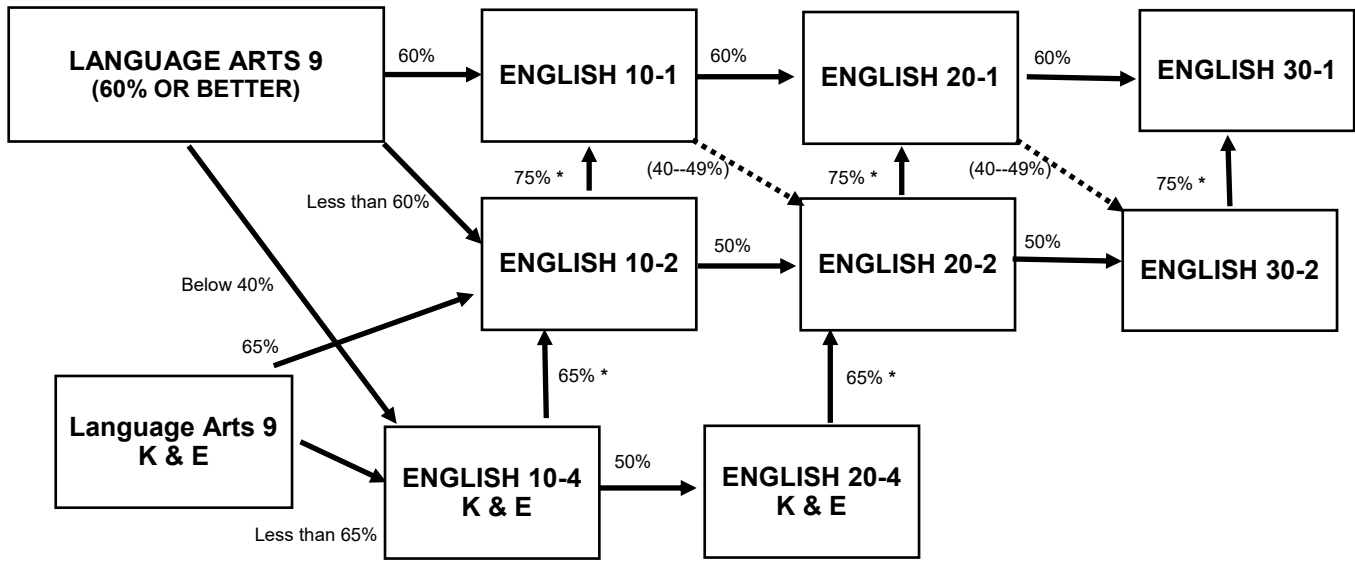
### Multicultural Education

OSS values diversity and is committed to developing global citizens who appreciate the ever-changing complexities of the world in which they live. Our school community is strengthened by multiculturalism burgeoning within our building.

### Indigenous Education

OSS students are able to enroll in Aboriginal Studies courses to develop and enhance their knowledge of Indigenous history, culture and identities. Indigenous content and context is also embedded within the Social Studies and English course materials and objectives.

# ENGLISH



In order to accommodate students who may exhibit a wide range of needs, interests, and aspirations, three course sequences have been developed: English 10-1, 20-1, 30-1; English 10-2, 20-2, 30-2 and English 10-4, 20-4, & 30-4. All English courses are semestered.

*\*This course may be taken with teacher recommendation and parental consent*

## COURSE SEQUENCES

**English –1 and –2** content is quite similar, however, the expectations for ELA10-1, 20-1 and 30-1 are significantly more rigorous than the expectations for ELA10-2, 20-2 and 30-2, particularly in terms of concept development, appreciation/analysis of literature, and the development of writing skills and strategies. The –1 stream is for entrance into most university programs whereas –2 can be used for most college and technical school programs. **A 30 level English is required for graduation.**

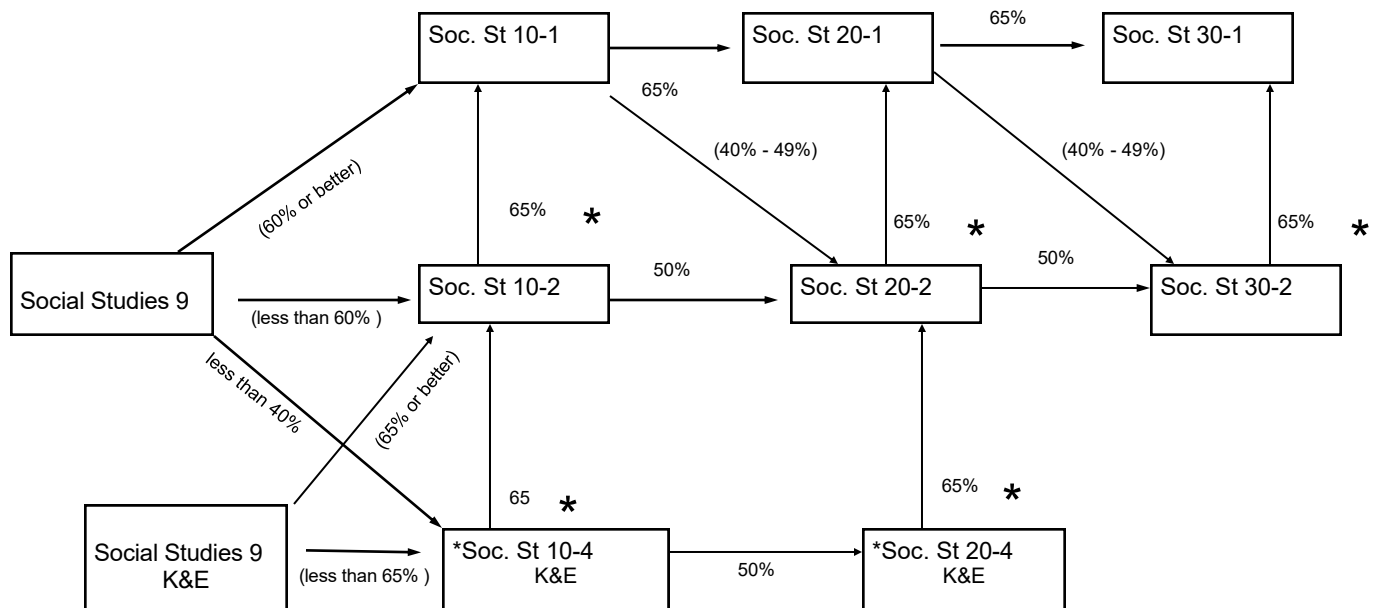
# SOCIAL STUDIES

All Social Studies courses emphasize critical thinking, citizenship and social responsibility. All Social Studies courses integrate concepts in geography, history, economics, and political science.

The 10-1, 20-1, 30-1 courses place more emphasis on writing and research skills, reading, critical analysis, and complexity of historical and current issues than do the 10-2, 20-2, 30-2 courses.

All students require 15 credits in Social Studies, including a 30-1 or 30-2 Social Studies course, in order to qualify for a high school diploma. Students pursuing an Knowledge and Employability Certificate of Achievement are required to complete either Social 20-4 or 10-2.

***A mark of at least 60% is strongly recommended to remain in the Social Studies 10-1, 20-1, 30-1 sequence.***



→ Arrows indicate possible transfer points from course sequence to course sequence.

\* Indicates that the transition requires teacher recommendation and parental consent.

## Social Studies Streaming Checklist

Can't decide which Course to take? Use the following to help you:

### Social 10-1, 20-1, 30-1

Mark of 65% or higher.

Daily homework or review.

Writing is expected: as much as any English -1 course (source analysis and essay - at least 2 of each).

Avid reader and read beyond what is expected in school.

### Social 10-2, 20-2, 30-2

Mark below 65% in a -1 course/Gr 9.

Students will have time in class to work in assignments with less homework.

Writing consists of more analysis and personal response than essay writing.

# MATHEMATICS

## Math 10C (5 credits)

Math 10C is a foundation mathematics course that incorporates a pure mathematical and rigorous approach. This course builds on prior mathematical knowledge from the Junior High years, allowing students to develop a deep conceptual understanding of core mathematical concepts. This is accomplished through an instructional approach utilizing communication of understanding, development of reasoning and making relevant visual connections to build resilient problem solvers.

In Grade 11 and 12, there are two main streams of mathematics that can be followed as listed below:

- **Choice A:** Math 10C → Math 20-1 → Math 30-1 or Math 30-2 [**Math 30-2 is academically rigorous**]
- **Choice B:** Math 10C → Math 20-2 → Math 30-2 [**Math 30-2 is academically rigorous**]

### **Choice A**

To pursue *Choice A* culminating in Math 30-1 in Grade 12, a pass of at least 60% is **strongly recommended** in Math 10C and Math 20-1.

In this stream, students can also choose Math 30-2 as an alternative Grade 12 mathematics course, if they are pursuing a non-engineering, non-science or non-business postsecondary degree. It is important to check one's chosen university entrance requirements to ensure that the correct Grade 12 mathematics course is selected.

### **Choice B**

This stream has been designed for students who are interested in following an arts-based or nursing degree. This also includes students aiming for a vocational certification or diploma at the postsecondary level.

## Math 10-3 (5 credits)

Math 10-3 is a Grade 10 course that is designed for non-mathematical students interested in pursuing trade certification in welding, cosmetology, construction or automotive fields, or seeking to obtain the minimum requirements for an Alberta High School diploma.

### **Choice C**

In Grade 11 and 12, there is only one stream of mathematics that can be followed in this sequence.

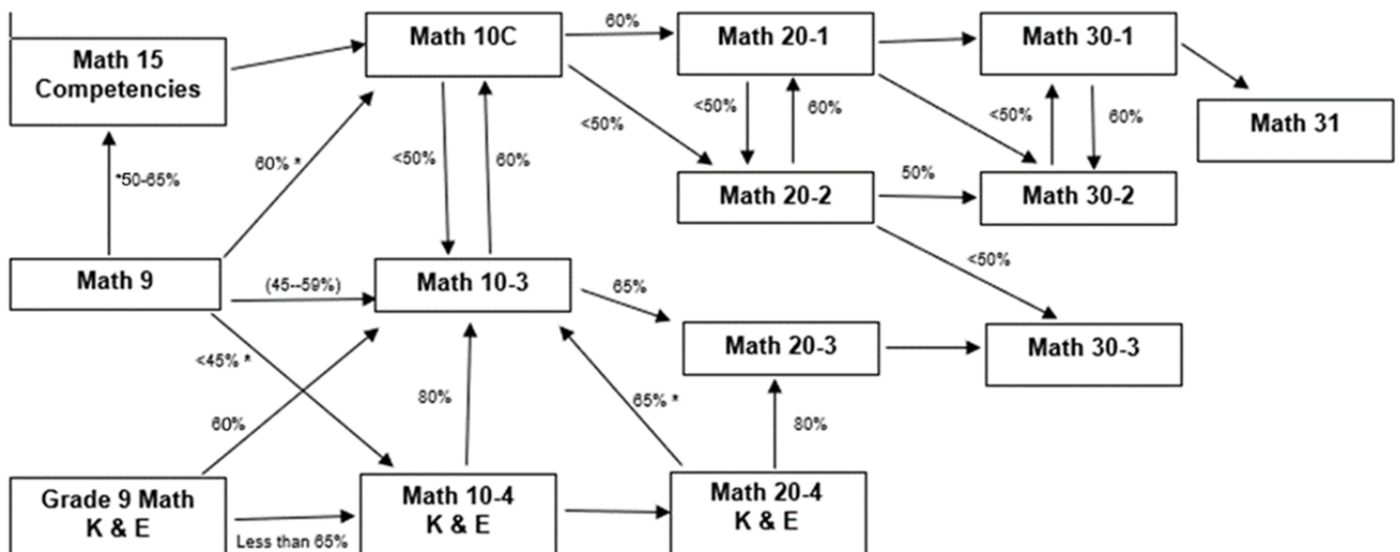
- **Choice C:** Math 10-3 → Math 20-3 → Math 30-3

It is important to note that Math 20-3 fulfils the Mathematics requirement for the Alberta High School Diploma.

## MATH 15 (3 credits)

### Competencies in Mathematics

This 3 credit course has been designed to help students build mathematical confidence, and provide essential instruction and skill mastery, in missed key concepts that are necessary for success in future mathematics courses. Math 15 is an ideal preparatory course for student success in Math 10C.

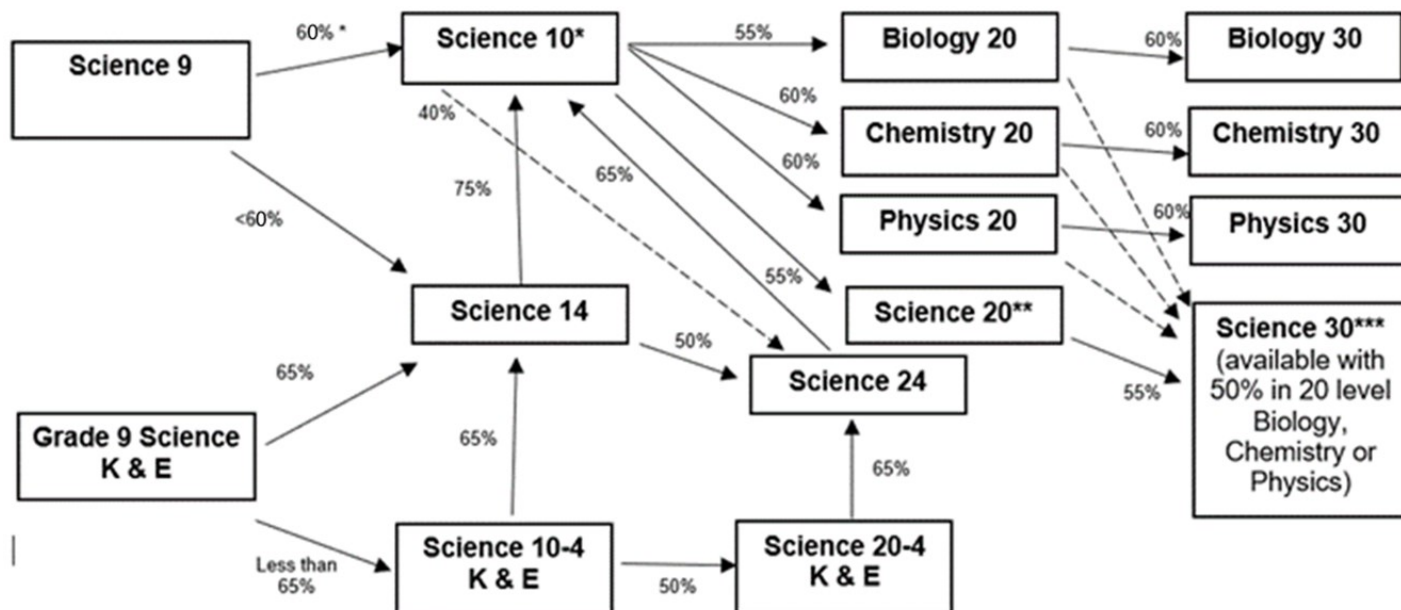




# SCIENCE

The sciences courses are designed to help students:

- learn basic concepts, skills and attitudes needed to prepare them for future science related studies,
- develop an understanding of science that enhances the enjoyment of natural phenomena,
- integrate the knowledge and skills that allow them to make thoughtful decisions about issues involving science, society and technology focus and higher level thinking skills such as synthesizing information and evaluating data.



\*Math 10C recommended as a co-requisite

\*\*Math 10C recommended as a prerequisite

\*\*\*Biology 20, Chemistry 20, Physics 20 and Science 20 are ALL possible prerequisites for Science 30

Note: All students must successfully complete a 20-level science course to meet graduation requirements.

Due to the math skills necessary for the successful completion of the following courses, it is strongly recommended that:

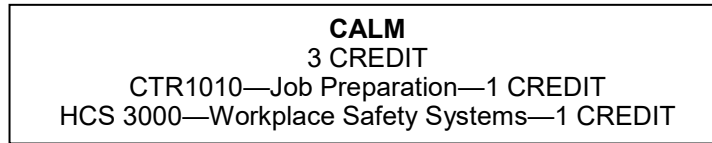
- Science 10 students are also enrolled in Math 10C
- Chemistry 20, Physics 20 and Science 20 students have successfully completed Math 10C
- Chemistry 30, Physics 30 and Science 30 students have successfully completed either Math 20-1 or Math 20-2

Students are eligible to take Science 30 using any of the following courses as a prerequisite:

# OTHER COURSES

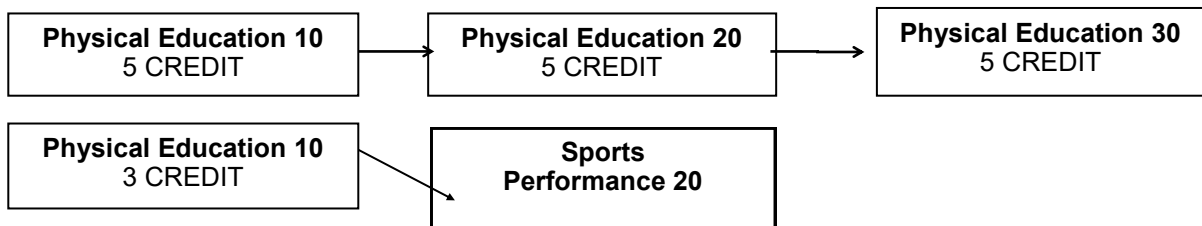
## CAREER AND LIFE MANAGEMENT- CALM

CALM is a compulsory course that students must complete in order to graduate from high school.



The aim of senior high school CALM is to enable students to make well-informed, considered decisions about all aspects of their lives and to develop behaviours and attitudes that contribute to the well-being and respect of self and others, now and in the future. OSS offers CALM class primarily at the Grade 10 level. Students who have not completed CALM by the end of Grade 10, will be required to take it in Grade 11.

## PHYSICAL EDUCATION



**Physical Education 10**  
(5 or 3 credits)

Physical Education 10 focuses on participation and the development of lifelong fitness skills. Students will engage in various activities encouraging greater knowledge, skill development and positive attitudes necessary to lead an active and healthy lifestyle. Classes are taught in boys only and girls only classes.

**Phys. Ed 20 & 30—Co-Ed**  
(5 credits) \*Optional

Physical Education 20 & 30 build on the skills, knowledge and attitudes developed in Physical Education 10. There is a stronger focus on fitness development, recreational leadership, organizational skills, knowledge of physical education principles, and participation in lifetime activities. Students will be challenged to take more responsibility for leadership in fitness and community service. \*\*\*course fee for PE 20/30

## SPORTS PERFORMANCE 20

(6 CTS credits running concurrently as co-requisites.) \*Optional

Sports Performance 20 is a competitive sport based fitness class. Come train for your sport while learning training principles, sport nutrition and alternate training activities for optimum performance. Students will make use of the OSS Fitness Centre as well as other facilities around Leduc. It is recommended that students have a mark of 65% in PE10 to take this course.

- REC1040 Foundation for Training I
- REC2040 Foundation for Training II
- REC2920 Project C (linked to REC1040 & REC2040)
- REC3025 Cardiovascular Training
- REC3030 Speed & Agility
- REC3910 Project D (linked to REC3025 & REC3030)

\*\*This course recommended for all student athletes.

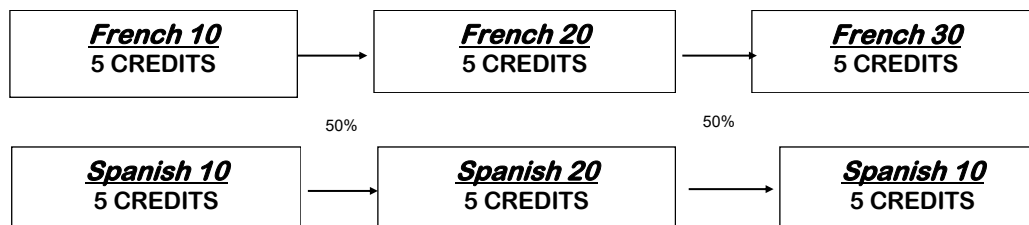
## OUTDOOR EDUCATION (5 CREDITS)

Outdoor Education is a student-focused program that challenges students mentally, physically, socially and emotionally. Using the outdoors as a classroom, it teaches essential skills for an active, healthy lifestyle. The course emphasizes outdoor skills such as leadership, planning, navigation, survival and cooking with practical application both in and outside the classroom. Seasonal activities include canoeing, backpacking, climbing, mountain biking, offering diverse, hands-on learning experiences.

### OPTIONS - SECOND LANGUAGES & FINE ARTS

#### SECOND LANGUAGES

The second languages taught at Ohapho Secondary School are Spanish and French. Students with a very strong background may ask for a placement evaluation to start the course at a higher level of instruction.



**Notes:** Exchange Programs (Quebec-Alberta) may be available.

Second Language 30 courses can be used for university entrance for some faculties instead of Math 30-1  
Please check the requirements of the post secondary institution.

#### Spanish Language and Culture 10, 20, 30

Spanish is the official language of 21 different countries and one of the top four most spoken languages worldwide, with over 400 million native speakers, including many tropical and affordable tourist destinations. Spanish is one of the most popular and useful languages to learn!

Spanish Language and Culture 10 is a five credit course designed for students with little or no previous experience in Spanish. Students will develop basic communicative skills of reading, writing, speaking and listening through a variety of relevant and meaningful activities, including dialogues, video clips, written exercises and authentic texts. Students will communicate both by written and oral means about their personal interests, family and friends, school, sports and hobbies. Students will be able to express themselves, in the past, present and future tense and learn about a variety of Spanish customs and traditions, such as Day of the Dead, Christmas, Easter and Cinco de Mayo.

Spanish Language and Culture 20 and 30 are each five credit courses that continue with the Spanish cultural and linguistic experience through in-depth grammar concepts and vocabulary topics including shopping, food, travel, music, the environment, the human body, the world of work and myths and legends.

#### French Language 10, 20, 30

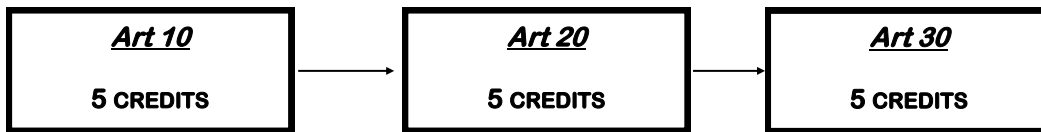
The overarching goal of the French as a Second Language program is that by the end of French 30, students can understand and express themselves in oral and written expression in basic situations. The program develops a desire to learn French for personal benefits and awareness that French is spoken in different parts of the province, country, and is the first language in over 33 countries worldwide. <https://education.alberta.ca/media/677906/threey.pdf>

Students may have the opportunity to travel within or outside of Canada and can apply for exchange programs where they can use and improve their French language skills in an authentic setting.

**PLEASE NOTE:** Students will earn 30 credits total but only 25 will count towards their 100 credit requirement for a high school diploma.

Second Language 30 courses can be used for university entrance for some faculties instead of Math 30-1. Please check the requirements with your school counsellor.

# ART



**Art 10**  
**Learning the Language**

Art 10 is an introductory course designed to teach motivated students the basic concepts, techniques, and media associated with art and design. It is fast paced and challenging with an emphasis on skill development. Students will learn to see and think as artists do enabling them to create artwork with confidence and pride.

**\*Students should aim for a mark of 60-65% and higher to ensure success at the Art 20 level.**

**A course fee will be charged.**

**Art 20**  
**Learning to See In New Ways**

Art 20 presents a more in-depth study of the techniques, skills and concepts associated with the language of art and design. Students will build on the basics learned in Art 10 and thus a more sophisticated response to art assignments and problem solving is expected at this level

**\*Students should aim for a mark of 70-75% and higher to ensure success at the Art 30 level.**

**A course fee will be charged.**

**Art 30**  
**Developing a Personal Style**

Art 30 challenges the student to solve more complex studio assignments based on a more sophisticated understanding of art and design. It is expected that an individual style will begin to emerge thus making for highly unique and masterful art works.

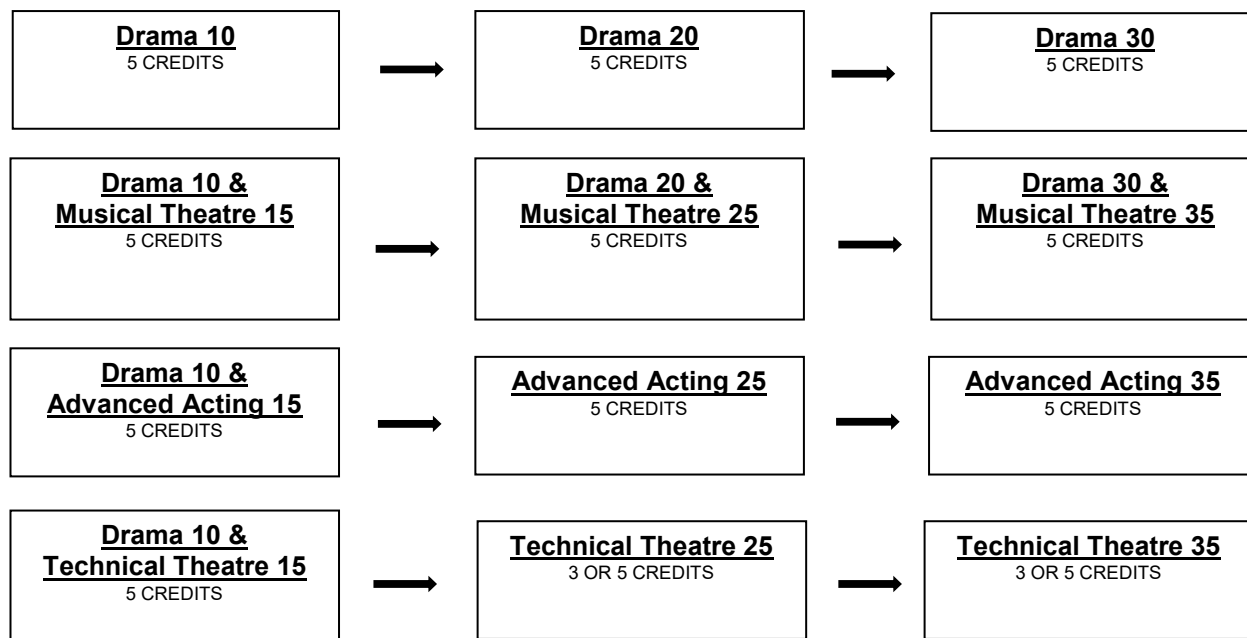
**Note: A qualifying mark of 80% and higher is expected for entry into the Art 35—Portfolio Art Program**

**A course fee will be charged.**

## **Art 35—Portfolio Art—5 Credit**

This course presents serious art students with an opportunity to develop their personal vision as young artists in an independent way. Art portfolios are planned and executed by the students. The work is overseen and subject to the guidance of the instructor. A quest for excellence characterizes the work produced at this level. This course is particularly suited for students intending to build art portfolios for post secondary Fine Arts Study. **A course fee will be charged.**

# THEATRE ARTS



The program is diversified in its nature and provides a variety of opportunities for the student. **The Musical Theatre and Drama productions do require student rehearsal time after school with increased time commitments before and during productions and competitions.**

### Drama 10, 20, 30 (5 credits each)

Drama fosters positive self-concepts by encouraging students to explore life through assuming roles and acquiring dramatic skills. The imaginative exploration involves setting up and acting out dramatic situations, communicating within those situations, and reflecting on the consequences. It is this reflection that provides the knowledge for self-development.

### Musical Theatre 15, 25, 35 (5 credits each to be taken concurrently with Drama 10, 20 and 30)

Musical Theatre combines drama, vocal and instrumental music, art and dance to enhance the depth and breadth of expression. Students will experience opportunities to express, collaborate and grow as they bring together all of these elements. This course is offered in the first semester in combination with Drama 10/20/30. **Students taking Drama 10 can also be registered in Musical Theatre.**

### Advanced Acting 15, 25, 35 (5 credits each to be taken concurrently with Drama 10, 20, and 30)

These courses provide a continuum of theatre experiences that move well beyond the introductory or exploratory activities outlined in drama. Advanced Acting expands the specific skills related to performance and is designed to extend the foundation skills outlined in Drama. The major difference is the learning strategies employed in these courses. In this sequence, all of the learning objectives will be achieved by advanced production experiences. Students will continue their exploration of acting skills by involvement in a variety of production work beyond the scope of the OSS regular performance series (Musical Theatre and One Acts). These presentations will be specifically designed for the advanced acting stream. This course will be offered in the fifth block, which means the course will take place at times that best fit the student's regular schedule.

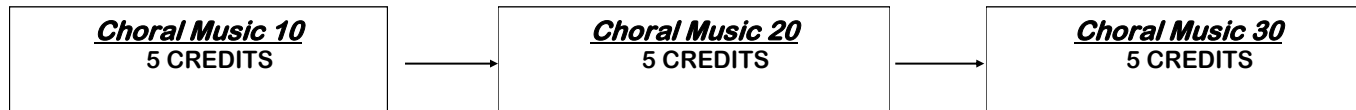
### Technical Theatre 15, 25, 35 (3 or 5 credits each to be taken concurrently with Drama 10, 20 and 30)

This course provides an opportunity for students to gain knowledge and practical experience with theatre production beyond that offered in the drama program. Students will work in sound and lighting design for major productions for drama, advanced acting and school assemblies. Set design construction, prop making, stage management, front of house and marketing will also be included. This course will take place over the course of both semesters depending upon the nature of productions and school events.

**\*All Musical Theatre, Advanced Acting and Technical Theatre courses are at the discretion of the department for enrollment.**

**A course fee will  
be charged for all courses.**

## CHORAL MUSIC



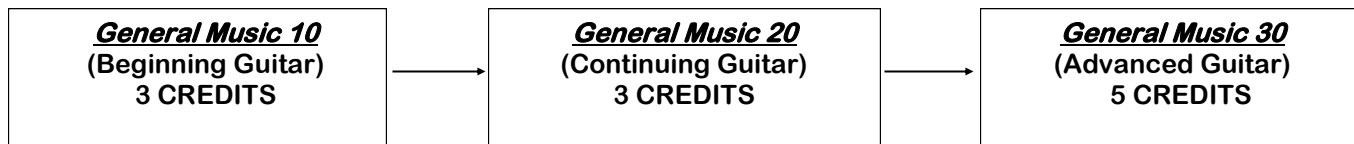
Choral Music provides an opportunity for male and female students to sing with our High School Choir. A variety of musical styles are explored through three and four part harmony. **Classes are held Monday & Wednesday weekly after school until 5:00 pm, and the course runs for the entire year for five credits.** No experience necessary!

## INSTRUMENTAL MUSIC



Instrumental Music provides students with a hands on musical experience through participation in our High School Concert Band. **Classes are held Tuesday & Thursday weekly after school for approximately 80 minutes until 5:00 pm, and the course runs for the entire year for five credits.** Instrumental Music is a continuation of Jr. High Band. Other interested students should contact the music teacher prior to enrolling.

## GENERAL MUSIC (GUITAR)



**Prerequisite:** None

### General Music 10

General Music 10 is an introductory music class that focuses on guitar instruction with access to a variety of other instruments as well: drums, bass, piano, keyboards, ukulele, mandolin, banjo, etc. Students have access to an impressive collection of professional music equipment: Les Pauls, Stratocasters, Telecasters, Fretless Bass, Tube Amplifiers, pro recording gear, guitar effects and much more. By the end of the 10 level class, students that were complete beginners, consistently, are playing songs and have the skills to continue their music education. There is also an introduction to home recording techniques and electronic music production. The General Music course is the only music class at OSS offered during the regular four blocks.

**A course fee will be charged**

**Prerequisite:** 50% in General Music 10 or with permission of instructor.

### General Music 20

General Music 20 is an intermediate music class that continues the themes that begin in the 10 level course. Students will learn more advanced guitar techniques while learning songs from the guitar gods: Hendrix, SRV, Clapton, Page, Slash, etc. The music theory at this level is designed to be specific to the guitar to allow for a deeper understanding of musical structures and improvisation. The 20 level also allows for much more dedicated access to recording equipment to work on original material; this is a real benefit for any aspiring songwriters. Again, General Music 20 is offered during the regular four blocks of the school day.

**A course fee will be charged**

**Prerequisite:** 50% in General Music 20 or with permission of instructor.

### General Music 30

General Music 30 is an advanced guitar instruction course that continues the themes from the 20 level course. The 30 level course expands to a 5 credit Fine Arts course that can be used for university entrance requirements. At this level, there is even more individual freedom with personal musical interests and exploration. Students will continue learning guitar techniques, music theory, music history, and home recording. Also, there is more of a focus on recording and technique at this level as well as some in class performance expectations. The 30 level class will also take a field trip to tour the Grant MacEwan music program as well as a local professional recording studio.

**A course fee will be charged**



# CAREER AND TECHNOLOGY STUDIES (CTS)

## **Personal Finance 10**—3 CREDITS

Personal Finance is a starting point for students to learn more about managing and investing money. This course begins with discussing money management from the perspective of managing an individual's finances and the factors that would influence them. Students next explore the many options available to them for investing the money they just learned to save. The course wraps up with a practical application. Students get an opportunity to test their knowledge out by using an investment simulator to manage a virtual investment portfolio.

FIN1010 Personal Financial Information  
FIN1910 Project 1A  
FIN3080 Personal Investment Planning 1

## **Accounting for Business**—3 CREDITS

Accounting is the basis for every decision a business makes. Quite literally, every business, government institution, and organization needs to know where they started, what has happened, and where they are now so they can figure out where they are going – everyone needs an accountant. In Accounting for Business students are introduced to the terminology and processes unique to financial accounting. They become familiar with financial statements, generally accepted accounting principles (GAAP) and how to prepare for the process of starting up a business. Students will learn how to continue on and complete the accounting cycle for a service business and prepare basic budgets, financial statements, and closing accounts.

FIN1015 Accounting Prep  
FIN1020 Accounting Cycle 1  
FIN1030 Accounting Cycle 2

## **Entrepreneurship**

Do you want to be your own boss? Do you have what it takes to be an entrepreneur? Explore business opportunities and ideas and learn what skills it takes to run your own business. From basic management concepts and record keeping to marketing and customer service, students study a wide range of business skill sets. You will need them all to run your own business, and you will - run your own business that is. Students wrap up each course with a project focusing on key aspects of operating a venture in the school.

### **Entrepreneurship 10** 3 CREDITS

ENT1010 Challenge & Opportunity  
MAM1020 Quality Customer Service  
ENT1910 ENT Project A (operate your own venture)

## **Legal Studies**

Law is the foundation upon which our society is built. Legal Studies courses are a starting point for students to learn the basis for our laws and practical information about them. This course is designed to make students aware of the system that affects so many aspects of our lives. Explore workplace and consumer law in the context of how they are relevant to you and discuss the legal relationship between the government and its citizens. You will also look at the criminal justice system and explore law-related careers. The objective of this course is to change your perspective, to have students make informed decisions and reason logically - not to study legal decisions to prepare you for the courtroom.

### **Legal Studies** 3 CREDITS

LGS1010 Private Law  
LGS1020 Family Law  
LGS3080 Criminal Law

## AGRICULTURE 10

### NO PREREQUISITES.

Do you love plants? In this introductory course, students will learn about plant growing techniques, plant production and climate zones. Students will grow plants, learn how to plan a garden and explore landscaping designs.

## BROADCAST VIDEO 15 / 25 / 35 (5 CREDITS EACH)

This is an exciting new program that has specifically been written to move our school to the forefront of high school broadcasting.

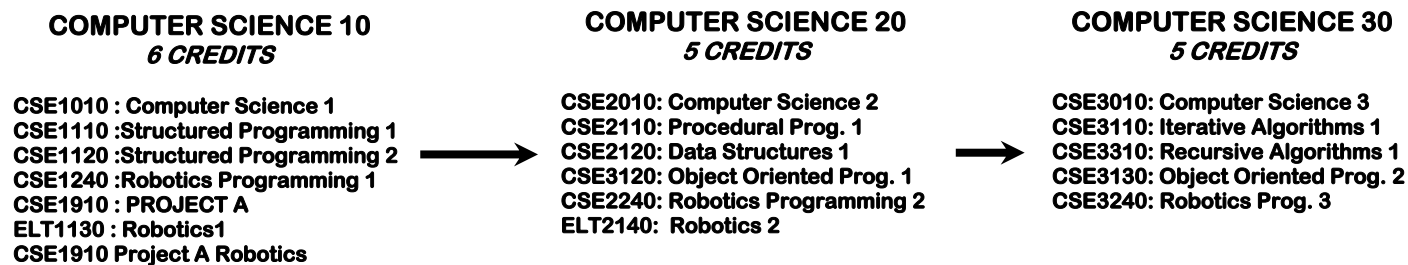
It is a program that is focused on the combination of journalism (writing for broadcast) and television production. Working in an environment equipped with professional quality broadcast equipment students will utilize skills that they develop to produce documentaries, shorts, news broadcasts, promotional videos, sporting events, public service announcements and much-much-more. Students will learn the fundamentals of writing, reporting, and television production which will allow them to seamlessly transition to college broadcasting programs and into the broader world of broadcast journalism. In a world that is quickly becoming inundated with “alternative facts” broadcast journalists are more important than ever.

**\*A course fee will be charged**

## **COMPUTER COURSES**

### COMPUTER SCIENCES

Computer Science 30 is now regarded by all three of the major universities in Alberta as an entry level Science course on par with Chemistry, Physics, Biology, and Math 31.



### Computer Science 10-20-30

This course is all about the art and the Science of computer programming and robotics. At the Introductory level, students learn some of the basic concepts and terminology of computer Science in general. We start learning how to program with Python. We also experiment with programming robots. At the Introductory level, students have 3 options – [1] a 3-credit quarter course in robotics, [2] a 3-credit quarter course in programming, or [3] a 5-credit semester combined robotics/programming course. Programming languages taught are: Python, JAVA, Robot C and C++. Robotics systems include: VEX IQ, VEX, and Arduino.

CSE30 is the Advanced level where the course progresses into more advanced computer studies & computer Science. The heart of the course is a continuation of object oriented design & programming. Students continue their work using Java to prepare for entry into post-secondary education.

**\*Course fees will be charged for all level courses.**



## GRAPHIC DESIGN 10 – 3 CREDITS

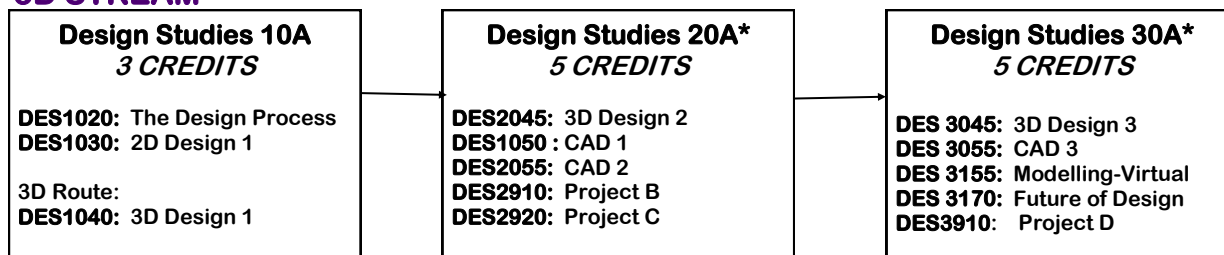
In Graphic Design 10 students will learn the fundamental elements of design for various media and a foundational multidisciplinary experience. They will also learn the principles of typography and its use in today's world, as well as the tools necessary to create vector and raster graphics on computers.

Credits Offered:

**COM1005** Visual Composition I  
**COM1025** Typography  
**COM1035** Graphic Tools

## DESIGN STUDIES

### 3D STREAM

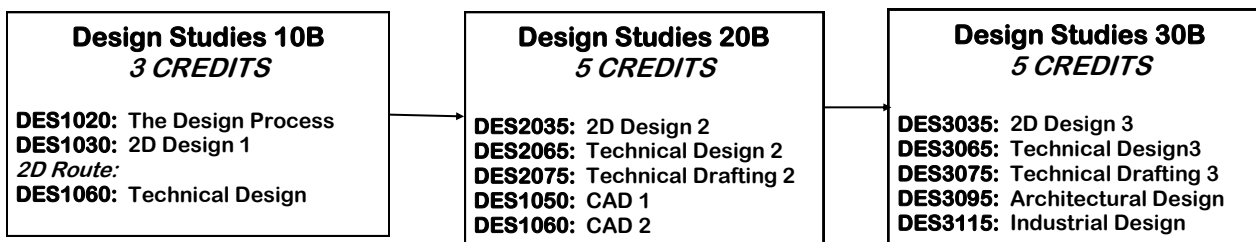


**Students in Design Studies have a choice!**

In this course students create many types of models and animations that you might see on the “big screen” or in video games. With the **3DS MAX 2019** program, students create a model, such as a car, warrior, robot, spacecraft, dragon, lighthouse, weapon, and so forth. The range of objects that are built is endless!

Students who follow this path have the chance to develop their artistic skills at local or regional colleges, and then move on to larger visual effects studios, animation studios, or some part of the 3D entertainment industry. Graduates of this program have gone on to work at Pixel Blue, Bioware, and other studios in California, Montreal, and Vancouver. **Design Study 20 and 30 will have a course fee charged.**

### 2D STREAM



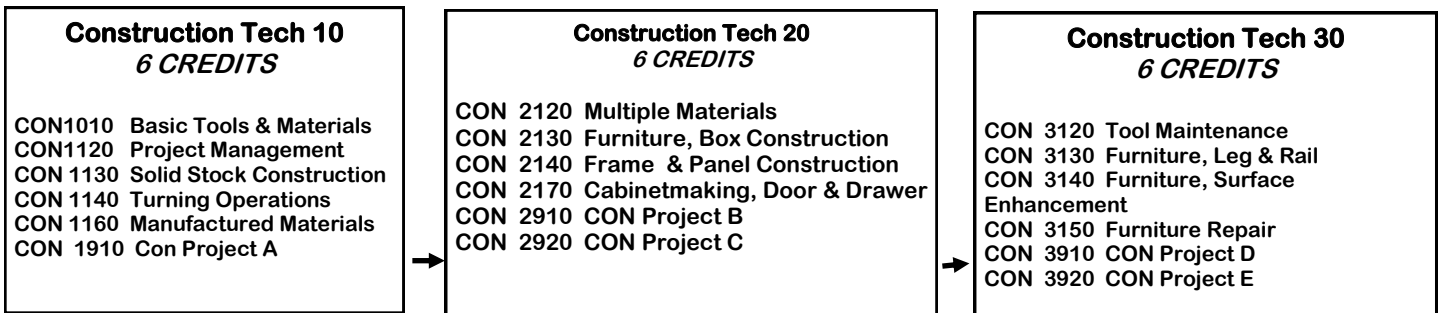
This 2D Stream Students Learn **AutoCAD 2019**, which is the premiere drawing/drafting/blueprinting program. If you love to create house plans, work with interior design, or dream about remodeling, then this is the program for you!

At the Introductory Level, students will learn how to use this industry standard program. Once those skills have been developed, then the fun part of creating different scenarios begins. Before you can build it, you need to learn how to plan and how to show those plans. At the Advanced level, students will be creating a portfolio of finished professional blueprints which can be used for advanced credit at post-secondary institutions such as SAIT. Some students design houses, furniture, lighthouses, gazebos, greenhouses, churches, and other buildings; and then show them on the computer or on the screen to larger audiences. Sometimes they will design a video clip/animation of “walking through” houses and buildings that they design, complete with special lighting and other visual effects. **Design Study 20B and 30B will have a course fee charged.**

**This is a very popular program and students who successfully finish it do very well at post secondary colleges and universities. Students taking Design Studies have won awards and scholarships at the local, provincial, and national levels.**

## CONSTRUCTION TECHNOLOGY

In Construction Technology, students can earn up to 18 credits learning how to safely transform common wood materials into useful products, and gain knowledge in all areas of carpentry and construction. Students will be able to design or adapt plans for projects, and build them using proper construction techniques. Students are able to take all projects home after completion.



## COSMETOLOGY

Personal Grooming is a basic essential practice for every individual in order to achieve personal wellness. Strands in CTS Cosmetology help build skills essential for entrance in the Beauty Industry. In the 30 level students will have the opportunity to implement all the skills they have learned and work on clients.

**Cosmetology 10**  
*7 CREDITS*

HSA3900 Apprenticeship Safety / HSA3431 Hair & Scalp Analysis / HSA3436 Shampoo & Condition Hair / HSA3511 Drying Hair / HSA3516 Setting Wet Hair / HSA3521 Styling Dry Hair / HSA3506 Styling, Perming, Colouring Tools & Equipment



**Cosmetology 20A**  
*12 CREDITS*

HSA3406 Work Environment / HSA3421 Consulting & Draping / HSA3416 Haircutting Tools & Equipment / HSA3441 Principles of Haircutting & Styles / HSA3446 Customizing Haircuts / HSA3451 Demonstrate the Principles of Haircutting  
 HSA3491 Facial & Nape Hair Theory / HSA3536 Hair Wrapping 1 / HSA3541 Hair Wrapping 2 / HSA3566 Colouring Hair 1  
 HSA3571 Colouring Hair 2 / HSA3526 Updo & Upstyle Styling Tech.



**Cosmetology 30A**  
*11 CREDITS*

HSA3426 Salon Operations / HSA3411 Head Anatomy & Physiology / HSA3501 Style Hair / HSA3456 Demonstrate Haircutting on Various Types of Hair / HSA3461 Razor Cutting & Shear Cutting / HSA3486 Haircutting Techniques / HSA3496 Facial & Nape Hair / HSA3546 Chemical Waving & Neutralizing Solutions 1 / HSA3556 Chemical Relaxers & Neutralizing Solutions 1 / HSA3576 Colouring Hair 3 / HSA3581 Colouring Virgin Hair & Regrowth



**Cosmetology 30C**  
*12 CREDITS*

HSA3531 Style Hair Using Accessories / HSA3466 Clipper Cutting / HSA3471 Texturizing Techniques / HSA3476 Various Haircuts / HSA3481 Customizing Techniques / HSA3551 Chemical Waving & Neutralizing Solutions 2 / HSA3561 Chemical Relaxers & Neutralizing Solutions 2 / HSA3586 Colouring Hair Using Special Effects / HSA3591 Lighten Virgin Hair & Regrowth / HSA3596 Lighten Hair Using Special Effect / HSA3601 Colour Corrections / HSA3606 Specialized Services & Standards

# FITNESS & SPORT MEDICINE

Fitness and Sport Medicine is a participation course geared towards individuals interested in working in the following athletic fields:

- Athletic Trainer
- Physiotherapy
- Personal Trainer

Upon completion of this course students will have a solid foundation in designing fitness programs for athletes, an understanding behind the psychology of sport, and receive certifications from the Sports Medicine Council of Alberta.



## Fitness & Sport Medicine 10

*Prerequisite: None*

**Focus:** In this course, you'll explore important aspects of health and well-being related to physical activity and nutrition. We'll start by understanding how to prevent, assess, and manage injuries that might happen during recreational and sporting events. You'll learn techniques to keep yourself and others safe while enjoying various activities.

**Certification:**

- Athletic Injury Management Certificate of Achievement

## Fitness & Sport Medicine 20

*Prerequisite: Fitness & Sport Medicine 10*

**Focus:** In this course, you're going to delve into the world of sports medicine and first aid! You'll become familiar with first-aid supplies and learn to identify them like a pro. From bandages to wraps, you'll know how to handle common injuries that may occur during sports or recreational activities. It's like having your own toolkit for keeping people in the game.

**Certifications:**

- Sport Medicine Council of Alberta Sport Nutrition
- Sport Taping & Strapping Certificate of Achievement

## Fitness & Sport Medicine 30

*Prerequisite: Fitness & Sport Medicine 20*

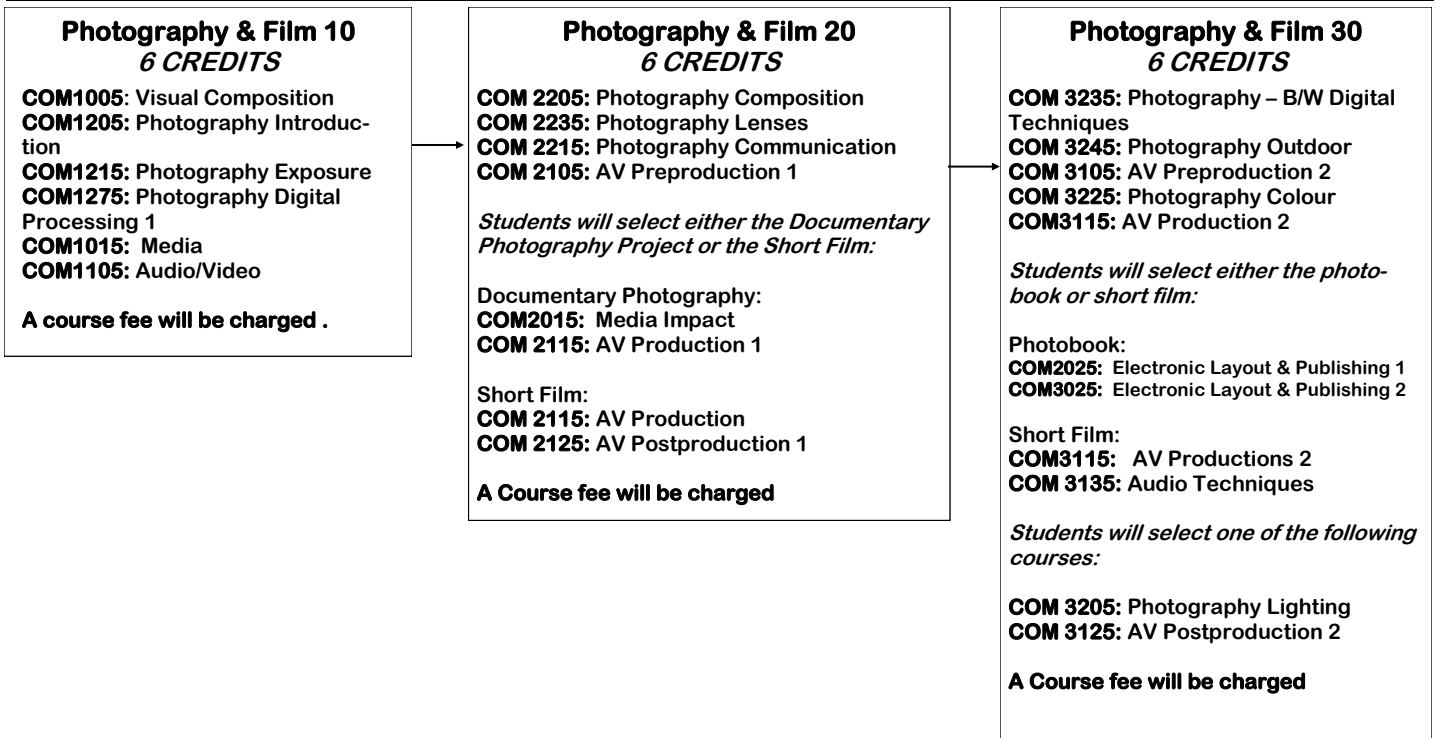
**Focus:** You'll learn how our muscles and bones work together, understanding the musculoskeletal system. Gain insights into the principles of training and conditioning, helping you design effective workout routines. But it doesn't stop there – we'll also explore the principles of fitness leadership. Picture yourself guiding a group through exercises with different focuses, tailoring your classes to the needs and interests of the participants.

**Potential Field Trips includes:**

- Aquasize, Yoga, and Zumba

The 30 level course can be used to apply to numerous post-secondary programs; such as Bachelor of Kinesiology at the University of Alberta

## PHOTOGRAPHY & FILM

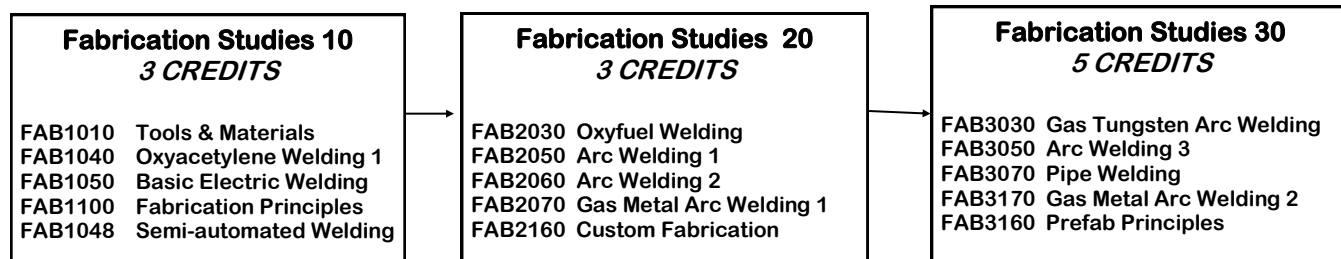


Learn how to make amazing photographs, colour correct your own pictures in Adobe Photoshop, create your own short film and grow as an artist in this unique and creative course. In Photography and Film (PF) you will be given opportunities to learn the basics to advanced levels of photography and film. PF is two thirds photography and the other third focuses on making films.

**Photography and Film 35** is an advanced five credit course designed to build upon those elements in PF 30. The course focuses on building one's portfolio for public exhibition and presentation and pushes the student to achieve a level of excellence and sophistication in their creative development (note: It is recommended that students interested in PF 35 have an average of 80% or higher and no more than three unexcused absences in PF 30. As PF 30 is a prerequisite to PF 35, PF 30 cannot be taken as a co-requisite. Qualifying students must complete and submit an Advanced Creative Courses Student Application, and will be enrolled pending teacher approval.). **A course fee will be charged in PF 10, 20, 30 and 35.**

## FABRICATION STUDIES (WELDING)

Fabrication Studies is a program which allows students to gain skills/knowledge in the welding trade. Various processes used in the cutting and joining of metals will be explored. Safe workplace procedures, basic skill development and project work in the lab will be emphasized in this program. **(A course fee will be charged for all levels.)**



## FOODS/CULINARY ARTS

**Are you a Foodie? Do you enjoy cooking and baking, and of course, EATING? Then this course is for you.** Choose your own recipes, learn safe and sanitary practices, develop a better understanding of a healthy active lifestyle, diet and nutrition, and of course basic food presentation and preparation techniques. Students who enroll in Foods 10, 20, 30 can expect to participate in some amazing culinary experiences while further developing their culinary skills in cooking and baking. Students will work in small groups of 4 students in one of the 7 kitchens in the Foods Lab. Each module is based on 12-15 classes and is designed to give students the opportunity to plan, prepare, and present their culinary creations. Whether students are searching for recipes, working on nutritional theory, or “hands on” in the kitchens, they are developing strong team building skills, time management, and safe and sanitary practices.

### Foods 10 –3 CREDITS

FOD1010 Food Basics (Mandatory)

Then 2 more of the following:

FOD1020 Contemporary Baking  
 FOD1030 Snacks & Appetizers  
 FOD2180 Vegetables & Fruits

### Foods 20—5 CREDITS

Any five of the following:

FOD2040 Cakes & Pastry  
 FOD2050 Bread Products  
 FOD2060 Milk Products & Eggs  
 FOD2070 Soups & Sauces  
 FOD2090 Creative Cold Foods  
 FOD2100 Basic Meat Cookery  
 FOD2130 Vegetarian Cuisine  
 FOD2140 Rush Hour Cuisine  
 FOD2170 International Cuisine  
 FOD2190 Grains, Legumes, Pulses & Nuts

### Foods 30—5 CREDITS

Any five or more of the following:

FOD3030 Creative Baking  
 FOD3040 Yeast Products  
 FOD3050 Advanced Soups & Sauces  
 FOD3070 Short-Order Cooking  
 FOD3080 Advanced Meat Cookery  
 FOD3100 Entertaining With Food  
 FOD3110 Food Processing  
 FOD3160 Regional Cuisine

**A course fee will be charged for all levels.**

# MEDICAL SERVICES PROGRAM

Our program aims to assist students in making informed decisions about their future career choice. Our program prepares students for working in any human or animal medically related field.

## Medical Services 10 *5 to 7 credits*

*Potential certification - Intermediate First Aid Level C CPR with AED*

Medical Services 10 is designed to give students an understanding of their own personal health and wellness. Emphasized areas include human anatomy and physiology, diseases of the body, and current treatments in the medical field. The body systems knowledge developed in Medical Services 10 is also an asset for students taking Biology 20. This course is a prerequisite for Medical Services 20 and 30.

## Medical Services 20 *6 credits*

Medical Services 20 explores the practice of the health care aide all the while gaining insight into the healthcare industry. Students perform work assignments related to the role of a health care aide including taking vital signs, making hospital beds, providing skin care, positioning patients and feeding clients using a variety of diets. At the grade eleven level topics include ethics in medicine, legal rights and the importance of confidentiality. Medical terms and asepsis protocols are also taught. Application of nursing theory in several of these areas are practiced in class.

## Medical Services 30 *5 credits*

*Potential certification - Medical First Responder with Basic Life Support CPR - St. John Ambulance*

The main purpose of complementary education is to help students research and identify their educational and occupational goals. At the Medical Services 30 level, students are exploring career opportunities, practicing knowledge and skills and acquiring credible experiences in order to apply to post-secondary institutions. Opportunity for certification in Medical First Responder and Basic Life Support CPR which is a 40 hour advanced first aid course. Advanced healthcare skills also taught include patient transfers, ambulation with adaptive devices as well as mental health and wellness knowledge and skills. Working as a team, practicing empathy and cooperating with peers is foundational in this course.

### **Beyond Medical Services . . .**

- Jobs in the healthcare field are in high demand and offer competitive pay and benefits.
- Many healthcare providers find job satisfaction in their chosen career because they make a difference in other people's lives.
- Flexibility of choosing when to work or whether or not you want to deal with the nasty stuff.
- Opportunities for advancement, acquiring new skills and travel.
- Provides fulfilling fast paced work
- Job security.
- Future ready.



# SOCIAL SCIENCES

## ABORIGINAL STUDIES 10

No Prerequisite 3 CREDITS

*Hello; Tân'si (Cree) ~ Edlánet'é (Chipewyan) ~ Dahneh Dha' (Dene) ~ Nezu dágóts'e (South Slavey) ~ Masi (Dogrib) ~ Ah (Inuit) ~ Oki (Blackfoot) ~ Aanin (Ojibwe) ~ Aba Washded (Stoney) ~ Tawnshi (Mehif) ~ Wa-é ák-wé (Tlingit) ~ Kwe', (Mi'Kmaq) ~ Bonjour (French)*

You are about to embark on an exciting journey which will help you better understand the following question: *how do Indigenous cultures view the world around them?*

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

The four themes in Aboriginal Studies 10 are:

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

## ABORIGINAL STUDIES 20

Prerequisite: Aboriginal Studies 10  
3 CREDITS

Using the foundational knowledge learned in Aboriginal Studies 10, students will continue their discovery of Aboriginal cultures and contexts within Canada.

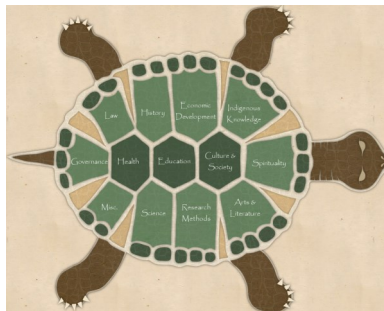
Aboriginal Studies 20 focuses on indigenous people from a Canadian and Albertan perspective. It includes the study of policies, legislation, conflict and cultural change. The four themes in Aboriginal studies 20 are: The Métis, Treaties, Legislation and policies, and schooling in the contexts of cultural change.

## ABORIGINAL STUDIES 30

Prerequisite: Aboriginal Studies 20  
5 CREDITS

This course completes the series of courses dedicated to the culture, knowledge and history of indigenous peoples in Canada. This course can be used as an alternate Humanities course when applying to some post secondary schools.

In Aboriginal Studies 30, students will gain a greater understanding of the current issues facing Aboriginal peoples worldwide. This course will enable students to demonstrate an understanding of the issues of Aboriginal rights and self-government, Aboriginal Land Claims, Aboriginal peoples in Canadian society and Aboriginal world views.



## CREATIVE WRITING

### Creative Writing 15

**3 CREDITS**

Creative Writing 15 will allow motivated students to write in a variety of specific creative writing genres as they build their own writing portfolios. This process-based course will build upon increasing sophistication in students' understanding and application of writing. Students will have opportunities to understand the artistry and technique of different forms of creative writing, develop techniques for both individual and collaborative editing, and explore methods for sharing completed work digitally, orally, and in print. This fast paced and challenging three-credit course will enable students to create original pieces of creative writing in a variety of specific genres while establishing a collaborative creative writing community with their fellow classmates.

### Creative Writing 25

**5 CREDITS**

Creative Writing 25 builds on the skills of its prerequisite course, Creative Writing 15, to explore increasingly varied forms of creative writing, both traditional and non-traditional. Through a process-based model, students will work to expand their writing strategies and portfolios in increasingly complex ways, including strategies for publication. Through this three-credit course, students will refine their strategies for crafting their own unique writers' voices, making their writing come to life with increased attention to specific aspects of the writing process, to create a creative community of writers.

### Creative Writing 35

**5 CREDITS**

Creative Writing 35 builds on the skills of its prerequisite course, Creative Writing 25, to refine personal writing skills such as voice, revision, and form. The course explores a variety of genres including fiction, mixed media, poetry, memoir, and more. Students will continue to use a workshop, process-based model to expand their writing strategies with an increased focus on collaboration with professional writing communities, including publishers. Through this course, students should emerge with a sophisticated understanding of writing, but - more importantly - an understanding of their own writing voice and style.

## WORLD RELIGION

**No Prerequisite 3 CREDITS**

Given the current political climate of today's world, a timely "set of options" are now being offered at OSS. This Alberta Education approved course will explore, from a secular, academic, objective perspective, the meaning and development of religion, the concept of faith, and the basic beliefs and practices of the major world religions. The authorized text, *Great Religions of the World*, covers Judaism, Christianity, Catholicism, Islam, Hinduism, Buddhism, Sikhism, and the Baha'i faith. Issues for discussion will include tolerance, common roots, East/West differences, and the separation of church and state. The course is being offered to students so they have the opportunity to explore and understand how others in our world think, believe, and share; in hopes of encouraging co-operation and global harmony.



Psychology provides a frame of reference for students to understand themselves, others, and social relationships. Addressing issues in psychology helps students in understanding, interpreting, and participating in society with increasing insight and skill. Students will develop skills that help them become engaged thinkers as they explore why people act in certain ways under given circumstances. Students, as ethical citizens strive to improve the human condition, will learn to better understand human behaviour, the relationship between human behaviour and problems and issues in society, as well think critically about solutions that may improve and maintain the mental health of Albertans.

## **PERSONAL PSYCHOLOGY 20**

**NO PREREQUISITE 3 CREDITS**

Psychology is the science of behavior, and psychologists learn how to predict, understand, explain, and control behavior. Learning about topics such as personality, social behavior, intelligence, sensation and perception, love, relationships and lifespan development can help you to better understand yourself as well as the other people in your life. Psychology can help you become a better communicator, a better leader, and even a better friend.

## **GENERAL PSYCHOLOGY 20**

**NO PREREQUISITE 3 CREDITS**

Psychology is all around you and touches on every aspect of your life! Who you are now, how you will be in the future, how you interact with family, friends, and strangers; these are all things that psychology can help you better understand. During this course students will gain a broad understanding of many topics of study, including: learning and thinking, memory, social psychology, conflicts and disorders, as well as career opportunities

## **ABNORMAL PSYCHOLOGY 35**

**PREREQUISITE—GENERAL PSYCH 20 OR PERSONAL PSYCH 20—3 CREDITS**

Often considered one of the most fascinating branches of this multidimensional field, abnormal psychology is a study that deals with better understanding the wide range of psychological disorders that impact human behaviors. We will discuss how mental disorders are defined, how abnormal behavior is distinguished from normal behavior, historical and modern perspectives that influence the way we view abnormal psychology today, and models used to understand the development and expression of mental disorders. "Normal behaviour and abnormal behaviour are continuous with each other...So, I think the best reason for studying abnormal behaviour is that we learn to understand ourselves." - George Albee

## **EXPERIMENTAL PSYCHOLOGY 30**

**NO PREREQUISITE. SCIENCE 10 IS RECOMMENDED**

Through study and independent research projects, students will gain an understanding of scientific methods, intelligence and intelligence testing, personality, and statistical analysis and various therapies used in the treatment of psychological disorders. As well, students will be required to complete an independent research project including design, data collection, analysis and interpretation.

## **FORENSIC SCIENCE**

### **Forensic Science 25/35**

**Forensic Science** is the application of science (chemistry, physics, and biology) to the criminal and civil laws that are enforced by police agencies in a criminal justice system.

Students will apply learned principles to actual case studies and continue to develop an understanding of the intricacies of investigating crime scenes in addition to proper collection, preservation, and laboratory analysis of various samples. Students will develop a basic understanding of the fundamental forensic science techniques through practical applications and a hands on approach. The emphasis will be on projects, labs and assignments including, but not limited to: fingerprinting, evaluation of trace evidence (hair and fiber), body fluids, blood and blood spatter, polygraphs and genetics, forensic entomology and anthropology, toxicology, ballistics, criminal profiling, explosives, ballistics and arson investigation. As a lab and activity based course, along with a variety of guest speakers, the in-class work is heavily stressed.

PLEASE BE AWARE - Some course material is graphic-this course may not be suitable for all students.

**FORENSIC SCIENCE 25** 3 CREDITS

**Prerequisite: Science 10 or 24**

**FORENSIC SCIENCE 35** 3 CREDITS

**Prerequisite: Forensic Science 25**

## **YEARBOOK**

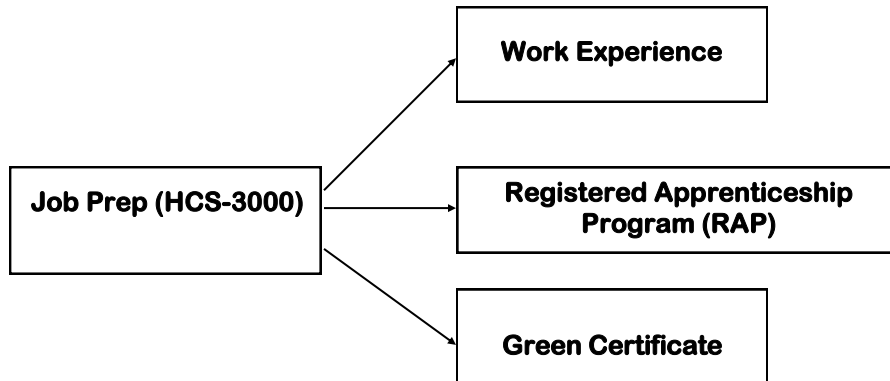
Are you interested in taking compelling photos of school sports, student life, musicals, arts and culture, academics and all the other exciting things that make up OSS?! Join the Yearbook and contribute to capturing these memories!! You will earn credits while you take photos, design your pages and get together with other students in a fun and creative environment.

**3 OR MORE CREDITS**

***IF YOU WOULD LIKE TO PURCHASE A YEARBOOK AND KEEP YOUR MEMORIES ALIVE  
PLEASE ADD THE AMOUNT TO YOUR SCHOOL FEES.***

# FOR GRADES 11 & 12 ONLY

## OFF CAMPUS WORK FOR CREDIT PROGRAMS



## WORK EXPERIENCE 15/25/35

**Prerequisite: Job Prep Module (HCS-3000)**

If a student has a steady job within the local area they may be able to earn up to 15 credits towards graduation by enrolling in the off campus work experience program. These credits may be earned over the summer months as well. Announcements will be made in September for students who wish to sign-up for Work-Ex.

## REGISTERED APPRENTICESHIP PROGRAM (RAP)

**Prerequisite: Job Prep Module (HCS-3000)**

Traditionally, apprenticeships in Alberta begin after students graduate from high school. However, some students identify their career interests at an earlier age, and are ready to get started learning and practicing their future trade while in high school. RAP students divide their time between an approved work site and their high school. They take regular courses, such as English Language Arts, Social Studies, Science and Mathematics in order to earn their Alberta High School Diploma or Certificate of Achievement. RAP students are both full-time students and registered apprentices. A student may be able to earn up to 40 credits. The student might work as a RAP apprentice for a semester, for half of each school day, for one or two days per week, or during summers, holidays and weekends.

## GREEN CERTIFICATE

The green Certificate program is delivered off campus and students may earn up to 16 credits towards graduation for successfully completing a Green Certificate Program. Students can register in any one of the nine specializations available and each specialization can be studied at three levels of increasing knowledge and proficiency.

See the Off campus coordinator to register for Green Certificate.

**Prerequisite: Farm Safety (AGR 3000)**

Cow-Calf Beef Production	Field Crop Production
Dairy Production	Irrigated Field Crop Production
Feedlot Beef Production	Sheep Production
Swine Production	Bee Keeper Production
Equine Technician	

# OSS SPORTS

## OHPAHO SECONDARY SCHOOL "HOME OF THE FALCONS"



### Sports Programs Seasons

<b>Football</b>	August to November: League 1 Team
<b>X-Country</b>	September to October: 5 meets; Zones
<b>Golf</b>	September to October (based on number of participants)
<b>Girls Flag Football</b>	
<b>Volleyball</b>	September to November League: Tournaments 4 teams- Sr. Boys, Jr. Boys, Sr. Girls, Jr. Girls
<b>Curling</b>	October to February: League and Zones
<b>Wrestling</b>	November to February
<b>Basketball</b>	November to March League: Tournaments 4 teams: Sr. Boys, Sr. Girls, Jr. Boys, Jr. Girls
<b>Rugby</b>	April to May League: 2 teams: Boys and Girls
<b>Badminton</b>	March to May: League
<b>Handball</b>	March to May: League
<b>Track and Field</b>	April to May: 4 to 6 meets
<b>Soccer</b>	April to May: League
<b>Boys Flag Football</b>	June

### Overview

Interscholastic teams are competitive, not recreational. Students will be asked to commit time and effort on behalf of the TEAM. Expectations of our student athletes are high not only on the court but also off the court as ambassadors for our school. Our coaches create an atmosphere of fun, mixed with business, for the athletes.

Funding for our athletic programs are funded by two main sources — a user fee that each participant is charged and the other is bingo revenue.

**We expect all team members to be of good standing at all times and may be removed by the coach or administration.**

*We are very proud of the programs we offer to our student athletes and hope to instill in each of our athletes that they too should be proud to be a "Falcon".*

## ***NOTES:***



# **OHPAHO SECONDARY SCHOOL**

**Home of the Falcons**

**4800 - 69 Street  
Leduc, Alberta  
T9E 0J5**

**Phone (780) 955-2847  
[oss.blackgold.ca](http://oss.blackgold.ca)**