



LCHS
LEDOUC COMPOSITE

2026/2027 High School

Course Selection Handbook

Please note:

All of the headings that are bolded and underlined are live links to the LCHS website with more detailed information. You can also access this information directly at: <https://lchs.blackgold.ca/high-school-programs>

Table of Contents

<u>Pathways at the High School</u>	3
<u>Alberta Diploma Requirements</u>	4
<u>Core Courses</u>	5
<u>Knowledge and Employability (KAE)</u>	10
<u>Certificate of High School Achievement Requirements</u>	12
<u>French Immersion Program</u>	13
<u>Complementary Courses</u>	15
• <u>Fine Arts</u>	16
• <u>CTS (Career & Technology Services)</u>	20
• <u>Second Languages</u>	27
• <u>Other Complementary Courses</u>	28
<u>Off-Campus Education</u>	34

High School Pathways

1. High School Diploma

Students work toward the completion of 100 high school credits and must meet several course requirements.

2. Certificate of High School Achievement

This is for students who have completed the KAE (Knowledge and Employability) program. Students work toward the completion of 80 high school credits and must meet several specific course requirements and work experience.

3. Certificate of School Completion

This is for students who have completed the Inclusive Education program.

ALBERTA HIGH SCHOOL DIPLOMA REQUIREMENTS

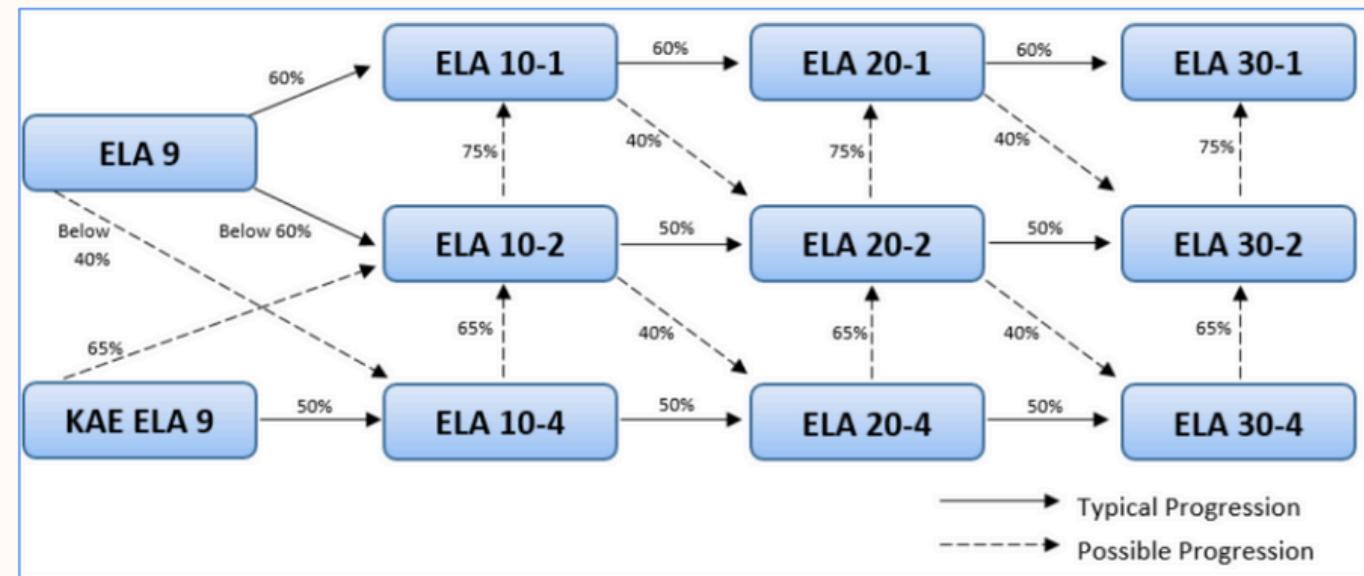
100 credits that include the following:

ENGLISH - 30 LEVEL	English Language Arts 30-1 or English Language Arts 30-2
SOCIAL STUDIES - 30 LEVEL	Social Studies 30-1 or Social Studies 30-2
MATH - 20 LEVEL	Math 20-1, Math 20-2, or Math 20-3
SCIENCE - 20 LEVEL	Science 20, Science 24, Biology 20, Chemistry 20 or Physics 20
PHYSICAL EDUCATION 10	3 OR 5 CREDITS
CALM	3 CREDITS
10 CREDITS IN ANY COMBINATION FROM:	CTS, Fine Arts, Second Language, Second Languages, Physical Education (20 or 30)
10 CREDITS IN ANY 30 LEVEL COURSE (IN ADDITION TO ENGLISH 30 AND SOCIAL 30)	

ENGLISH LANGUAGE ARTS (ELA)

The English Language Arts (ELA) program is designed to cultivate literacy and communication skills essential for academic success, the workplace, and active, thoughtful citizenship. The program's overarching purpose is to develop students' ability to understand, interpret, and create meaning in a complex, text-rich world.

English Language Arts (ELA) Course Sequencing Chart



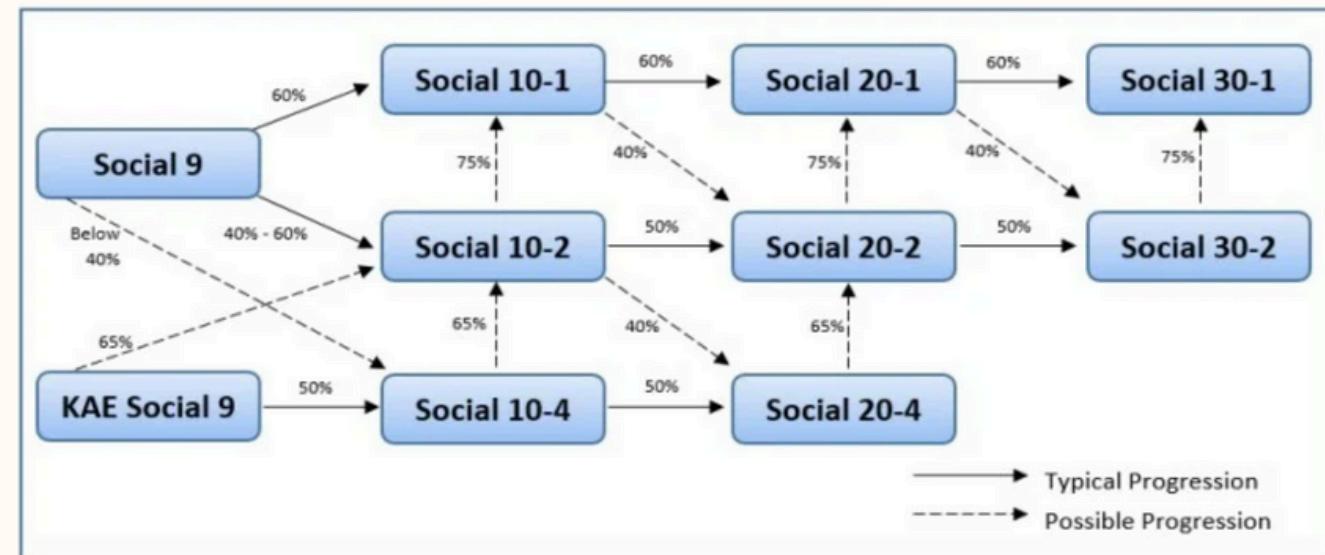
Students must successfully complete English 30-1 or English 30-2 to meet graduation requirements for a High School Diploma.



SOCIAL STUDIES

The Social Studies program is designed to cultivate the knowledge, critical thinking skills, and attitudes necessary for students to become responsible, active, and informed citizens in a diverse and complex world. It aims to develop a comprehensive understanding of human societies, cultures, and global interdependence. The program's overarching vision is to enable students to make informed and ethical choices that contribute to the public good.

Social Studies Course Sequencing Chart



Students must successfully complete Social Studies 30-1 or Social Studies 30-2 to meet graduation requirements for a High School Diploma.

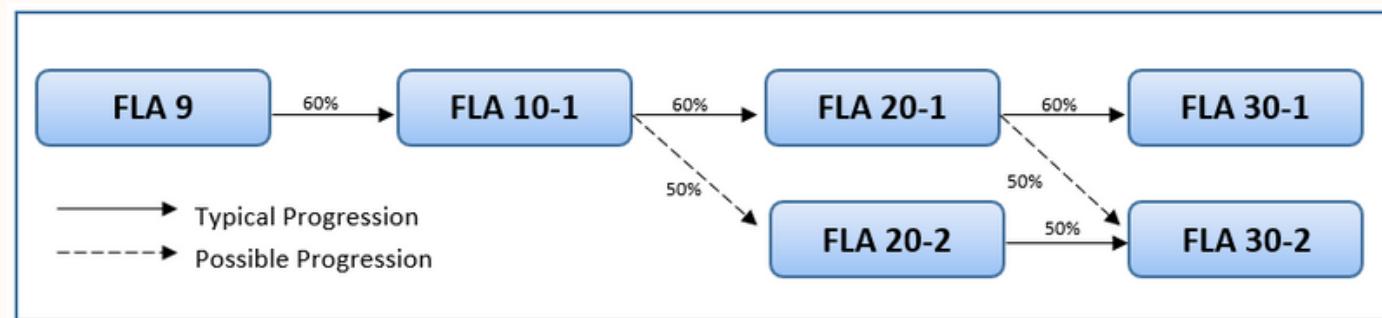
French Immersion Courses Offered:

Etudes Sociales 10-1, 10-2, 20-1, 20-2, 30-1, 30-2



FRENCH LANGUAGE ARTS (FLA)

French Language Arts (FLA) Course Sequencing Chart



French Language Arts (FLA) is the core language and literature curriculum designed for students in the French Immersion program. It is distinct from "French as a Second Language" (FSL), which is an elective for students in the English stream, and "Français," which is the curriculum for Francophone schools.

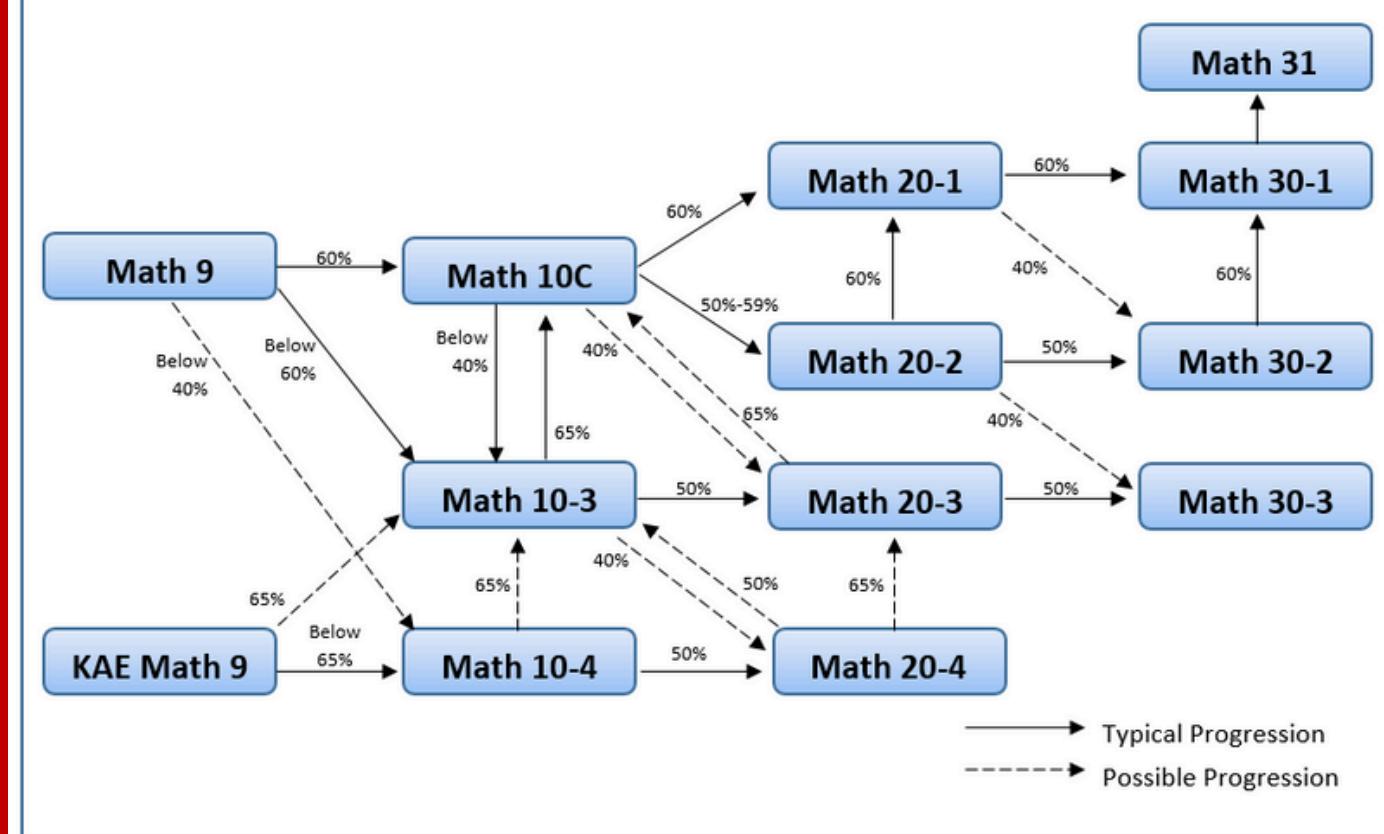
The FLA program aims to develop "functional fluency," allowing students to live, work, and study in French while fostering a sense of Francophone identity and culture.

Salut!

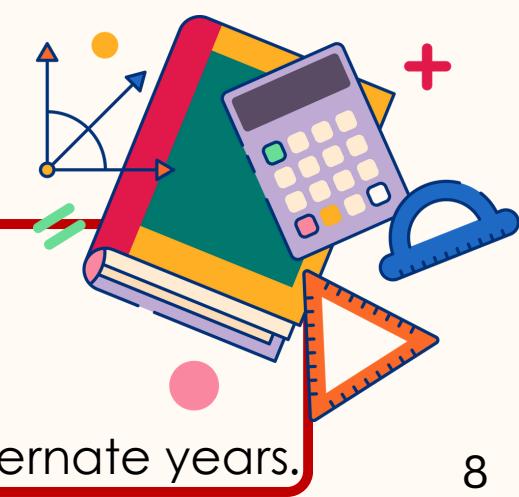
MATH

The math program aims to prepare students for further education, trades, or direct entry into the workforce by building strong numeracy and mathematical literacy. Through a range of pathways, students can explore practical, general, or advanced mathematics depending on their interests, strengths, and future plans, ensuring they gain the knowledge and skills needed for success beyond high school.

Math Course Sequencing Chart



Students must successfully complete Math 20-1, Math 20-2 or Math 20-3 to meet graduation requirements for a High School Diploma.



French Immersion Courses Offered:

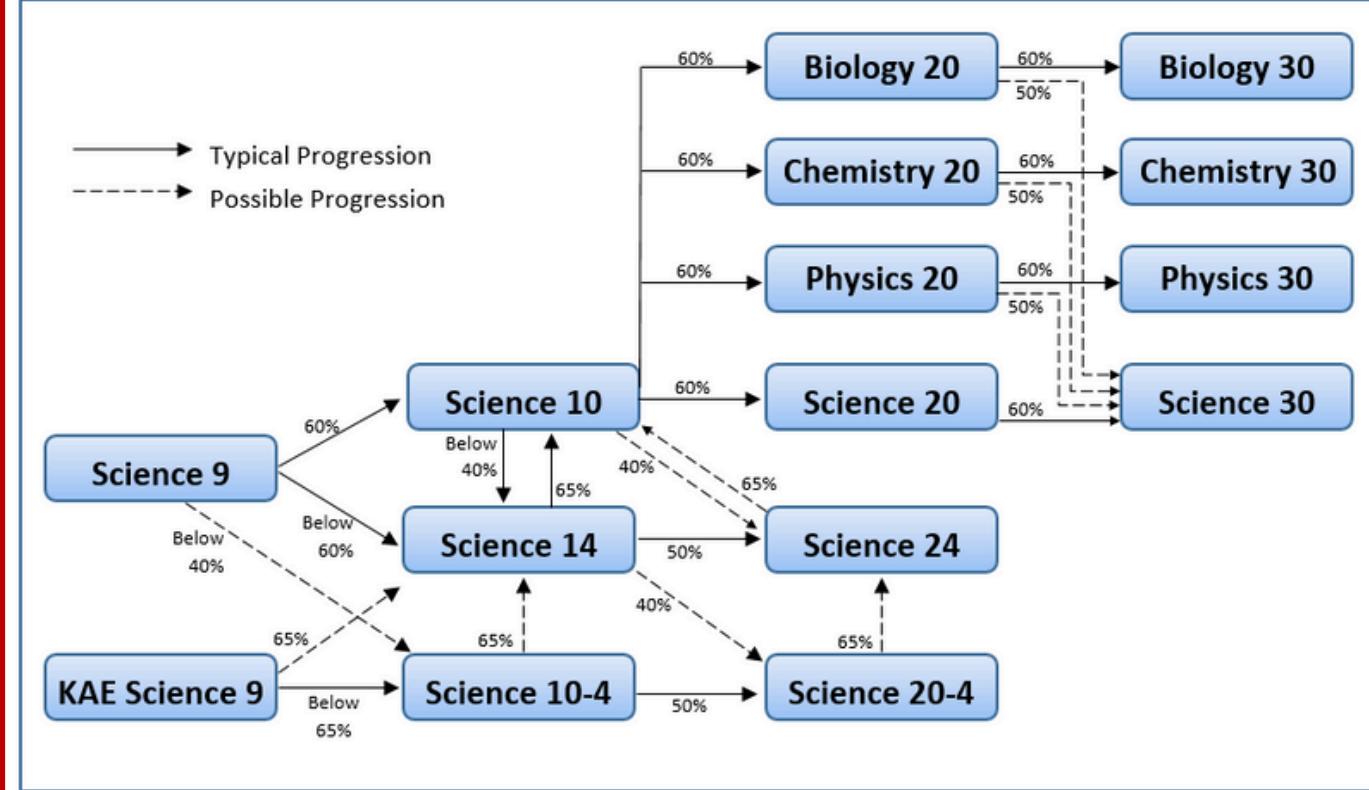
Math 10C, 20-1, 30-1, 30-2

Note: Math 30-2 is only offered in alternate years.

SCIENCE

The main purpose of the Alberta high school science program is to develop scientific literacy in all students. This literacy is intended to prepare students for both post-secondary education and for life as informed, critical-thinking citizens capable of engaging with science- and technology-related issues.

Science Course Sequencing Chart



Students must successfully complete a 20-level science course (Biology 20, Chemistry 20, Physics 20, Science 20 or Science 24) to meet graduation requirements for a high school diploma.

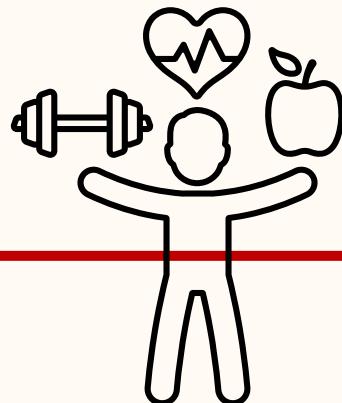
French Immersion Courses Offered:

Sciences 10, Biologie 20/30, Chimie 20/30, Sciences 30

Note: Biologie 20, Biologie 30 and Sciences 30 are offered in alternate years to Chimie 20 and 30



OTHER CORE COURSES



CALM

CALM focuses on helping students develop the knowledge, skills, and attitudes needed to make informed decisions and take responsibility for their personal, social, and career well-being.

CALM is a graduation requirement.

Students in CALM can also earn two additional credits in:

HCS3000 - Workplace Safety Systems (1 credit)

CTR1010 - Job Preparation (1 credit)

PHYSICAL EDUCATION 10

Physical Education 10 focuses on developing students' knowledge, skills, and attitudes for maintaining an active, healthy lifestyle. The course emphasizes physical fitness, movement competence, personal health, and the social and emotional benefits of physical activity.

Physical Education 10 is a graduation requirement.

Physical Education 10 is offered as a 3 credit or 5 credit course.



KNOWLEDGE AND EMPLOYABILITY (KAE) PATHWAY

The Knowledge and Employability (KAE) program is a specialized course sequence designed to support students who learn best through hands-on, experiential activities and who are typically working below grade level. The overall purpose is to provide a relevant and successful path to high school completion and a smooth transition into the workplace or further vocational training.

Students in the high school KAE program are working toward a **Certificate of High School Achievement**.



KAE Courses Offered:

ELA 10-4, 20-4, 30-4 (often in an ELA 20-2 classroom)
Social 10-4, 20-4
Math 10-4, 20-4
Science 10-4, 20-4

CERTIFICATE OF HIGH SCHOOL ACHIEVEMENT REQUIREMENTS

80 credits that include the following:

ENGLISH LANGUAGE ARTS (ELA)	ELA 20-2 or ELA 30-4
SOCIAL STUDIES	Social Studies 20-4 or Social Studies 10-2
MATH	Math 20-4 or Math 10-3
SCIENCE	Science 20-4 or Science 14
PHYSICAL EDUCATION 10	3 OR 5 CREDITS
CALM	3 CREDITS
AND, EITHER:	
5 CREDITS 30-LEVEL CTS COURSES <u>and</u> 5 CREDITS WORK EXPERIENCE 35	
OR 5 CREDITS IN 30-Level RAP	

FRENCH IMMERSION PROGRAM

The French Immersion Program is an optional educational stream designed for students whose first language is typically not French. The program's central purpose is to produce graduates who are functionally bilingual while ensuring they achieve all the learning outcomes of the standard Alberta curriculum. This is achieved by using French as the primary language of instruction for a significant portion of the school day across several core subjects.

LCHS Graduation Certificate in French

Indicates the successful completion of the French Immersion Program. The criteria for this certificate are:

- 40 credits in French Immersion courses.
- FLA 30-1 or FLA 30-2
- A 30-level French Immersion course other than FLA.

FRENCH IMMERSION PROGRAM

Core Courses offered in French*:

- French Language Arts 10-1, 10-2, 20-1, 20-2, 30-1, 30-2
- Études Sociales 10-1, 10-2, 20-1, 20-2, 30-1, 30-2
- Mathématiques 10C, 20-1, 30-1, 30-2
 - (Mathématiques 30-2 is only offered in alternate school years. It will be available for registration in the 2026 - 2027 school year).
- Sciences 10, 30
 - (Sciences 30 is only offered in alternate school years. It will not be available for registration in the 2026 - 2027 school year).
- Biologie 20/30
 - (Biologie 20/30 are only offered in alternate school years. They will not be available for registration in the 2026 - 2027 school year).
- Chimie 20/30
 - (Chimie 20/30 are only offered in alternate school years. They will be available for registration in the 2026 - 2027 school year).

*Some courses will only run if registration requests are high enough.

Alphabetical List of Complementary Courses

Abnormal Psychology	Creative Writing	General Psychology	Outdoor Education
Aboriginal Studies	Cultural and Physical Anthropology	Instrumental Jazz	Personal Finance
Accounting for Business	Drama	Instrumental Music (Band)	Personal Psychology
Advanced Acting	Entrepreneurship	International Politics	Photography
Applied Sociology	Experimental Psychology	Leadership	Physical Education (20/30)
Art	Fabrication Studies (Welding)	Learning Strategies	Psychology
Band (Instrumental Music)	Fitness & Sport Medicine	Legal Studies	Spanish Language and Culture
Choral Music	Foods	Mechanics	Technical Theatre
Community Volunteerism	Forensic Science	Medical Services	Textile Arts
Computer Science	French as a Second Language	Mentorship & Peer Support	World Religion
Construction Technology	General Music (Guitar)	Musical Theatre	Yearbook
Cosmetology			

FINE ARTS COURSES

Art

Band

- Instrumental Music
- Instrumental Jazz

Choral Music (Choir)

Drama

General Music (Guitar)

Theatre Arts

- Musical Theatre
- Advanced Acting
- Technical Theatre

Art 10-20-30-35

The Alberta High School Art curriculum is designed to develop students' visual literacy, creative expression, critical thinking, and aesthetic awareness. Its primary purpose is to move students beyond simply creating images to becoming thoughtful, skilled, and articulate participants in the world of visual culture.

The program supports students in achieving four main goals across the domains of production, aesthetics, history, and criticism.

Course fee required.



Instrumental Music (Band) 10-20-30

Instrumental Music provides students with an in-depth, hands-on experience in a Concert Band setting. Students rehearse and perform a variety of repertoire while strengthening tone, technique, ensemble playing and musicianship skills using concert band instruments. Learning how to read sheet music is a key part of this class.

Classes are held Tuesdays and Thursdays after school from 3:30 - 5:00pm, and the course runs for the entire year.

This course is designed as a continuation of Junior High Band, though motivated beginners are welcome!

Course fee required.



Instrumental Jazz 10-20-30

Instrumental Jazz offers students the opportunity to refine musicianship through personal practice, rehearsal and performance in a Jazz Ensemble. This class will explore the rhythmic patterns, chord textures and harmonies specific to pop, rock, swing and Latin music. Students will engage in creativity and innovation through improvisation and soloing. Jazz Ensemble will rehearse outside of regular school hours through the use of noon hour rehearsals (decided by group at the start of the year) and private study. Practice and performance is required.

Course fee required.



Choral Music (Choir) 10-20-30

Choral Music provides an opportunity for students to sing with our Leduc Composite High School Choir. A variety of musical styles are explored through three and four part harmony. Classes are held Mondays & Wednesdays after school from 3:30 - 5:00 pm, and the course runs for the entire year.

Course fee required.



Drama 10-20-30

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. **Course fee required.**



General Music (Guitar) 10-20-30

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. By the end of this class, students who 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. **Course fee required.**

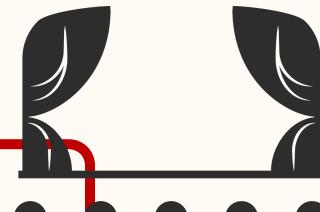
Theatre Arts

Drama must be taken concurrently.

Musical Theatre 15-25-35

Musical Theatre combines drama, vocal and instrumental music, art and dance to enhance the depth and breadth of expression. Students also become heavily involved in scenic design, set construction, costumes, props, and promotions for the production. After school rehearsals for this block 5 course begin heavily in

November. **Course fee required.**



Advanced Acting 15-25-35

Advanced Acting expands the specific skills related to performance and is designed to extend the foundation skills outlined in Drama. 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 LCHS's regular performance series.

Course fee required.

Technical Theatre 15-25-35

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, costumes, construction, prop making, stage management, front of house and marketing will also be included. **Course fee required.**

CTS (CAREER & TECHNOLOGY SERVICES) COURSES

CTS classes involve taking a series of 1-credit courses.

Accounting for Business

Community Volunteerism

Computer Science

Construction Technology

Cosmetology

Entrepreneurship

Fabrication Studies (Welding)

Fitness & Sport Medicine

Foods

Leadership

Legal Studies

Mechanics

Medical Services

Mentorship & Peer Support

Outdoor Education

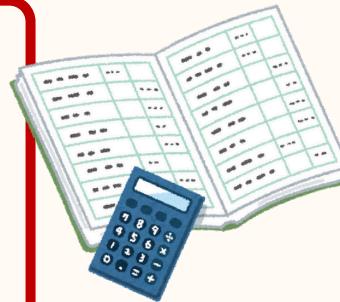
Personal Finance

Photography

Textile Arts

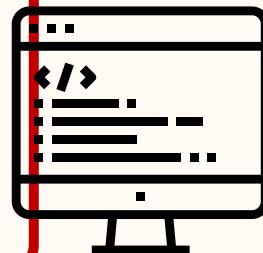
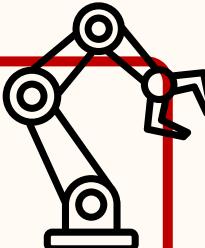
Accounting for Business 10

Students are introduced to the terminology and processes unique to financial accounting. 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.



Computer Science 10-20-30

These courses are about computer programming and robotics. Students learn some of the basic concepts and terminology of Computer Science in general. Students start learning how to program with Python and experiment with programming robots. In higher grades, students will learn object-oriented programming with C++ or Java.



Community Volunteerism

This course emphasizes service learning through hands-on experiences such as mentorship, volunteer work, and collaboration with local organizations, including animal shelters, senior living facilities, and the City of Leduc. Students serve as positive role models while contributing to a strong, connected school and community environment. Students will meet outside of regular class times



Course fee required.

Construction Technology 10A/10B-20-30

Students learn 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.

Course fee required.



Cosmetology 10-20-30AB-30C

Cosmetology is designed to provide students with both the technical skills and theoretical knowledge needed for success in the beauty industry, as well as personal grooming practices. Students receive hands-on training in a variety of skills and salon safety while also developing professionalism and strong communication skills. **Course fee required.**



Entrepreneurship 10

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. Students wrap up each course with a project focusing on key aspects of operating a venture in the school..

Fabrication (Welding) 10-20-30

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.

Course fee required.



Foods 10-20-30

Are you a Foodie? Do you enjoy cooking and baking, and of course, EATING? Then this course is for you. Have some choice in your own recipes, learn safe and sanitary practices, develop a better understanding of a healthy active lifestyle, diet and nutrition, and basic food presentation and preparation techniques are developed in this course.

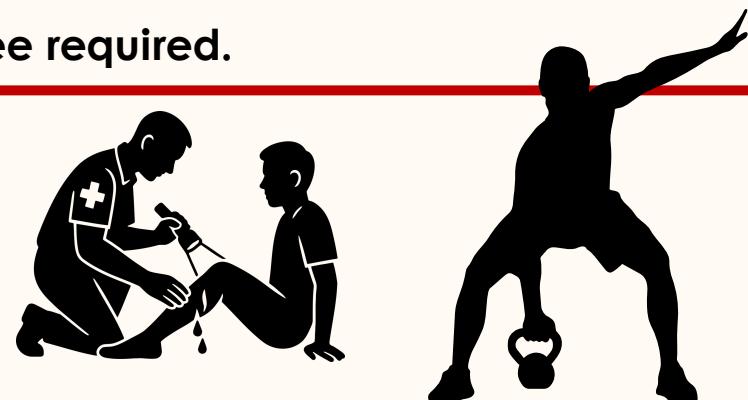
Course fee required.



Fitness & Sport Medicine 20-30

Fitness and Sport Medicine is a participation-based course geared towards individuals interested in working in areas such as athletic trainer, physiotherapy or personal trainer.

Course fee required.



Leadership 10

The focus of the Leadership course is to provide students with the knowledge and skills necessary for effective communication, teamwork, and service to others in the school and community. Students will be introduced to different leadership styles through group work and the exploration of leadership. Students will develop skills to effectively communicate and will write, develop and share a speech/presentation with the class.



Legal Studies 20

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.



Mechanics Junior-Senior

The mechanics program offers students the ability to develop skills and knowledge in the world of automotive service and mechanical repair. Students earn high school credits while exploring the potential career paths associated with mechanics. Mechanics is offered in a Junior/ Senior format. Once students have completed one of the preparatory Junior programs, they will be able to take the Senior program.

Course fee required.

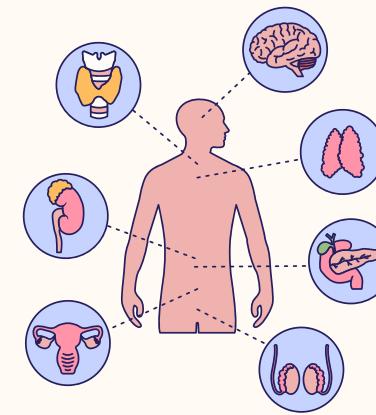




Medical Services 10-20-30

This program prepares students for working in any human or animal medically related field.

Courses will focus on anatomy, physiology and wellness. **Course fee required.**

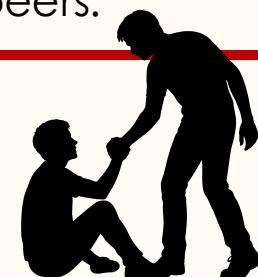


Outdoor Education 10

Outdoor Education uses 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 may include kayaking, backpacking, camping prep/camping, and climbing, offering diverse, hands-on learning experiences.



Course fee required.



Mentorship & Peer Support 10

Mentorship provides opportunities for caring youth to develop a guiding, teaching relationship with a younger person. Mentors serve as positive role models for their mentees, working to assist them with academic and social success. Mentors provide support, advice, encouragement and even friendship to their younger peers.

Personal Finance 10

Personal Finance is a starting point for students to learn more about managing and investing money.



Photography 10-20-30

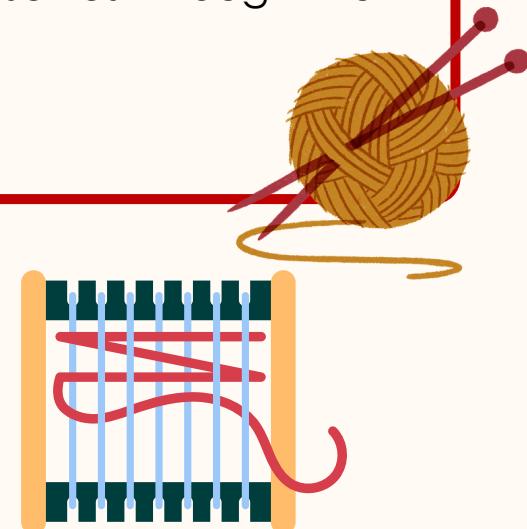
Learn how to make amazing photographs, colour correct your own pictures in Adobe Lightroom and Photoshop, and grow as an artist in this unique and creative course. In Photography you will be given opportunities to learn the basics to advanced levels of photography. **Course fee required.**



Textile Arts 10

Students will learn Textile Arts basics through many engaging projects and experiments with needle arts, including knitting, crochet, embroidery, weaving techniques and much more. As well as learning valuable life skills, students can express themselves through the textile arts.

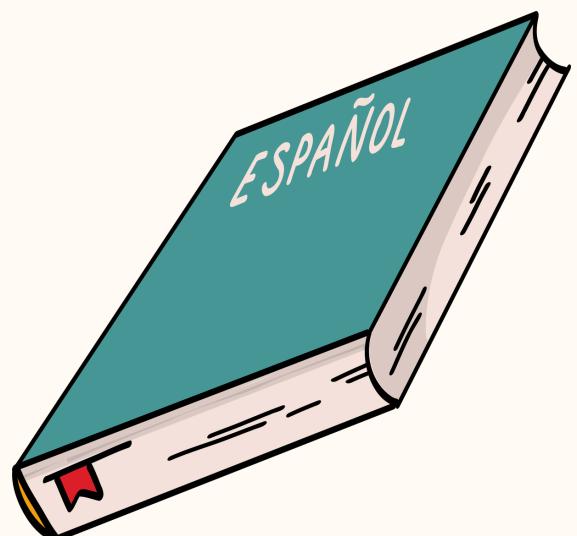
Course fee required.



SECOND LANGUAGES COURSES

French as a Second Language 10-20-30

The French as a Second Language (FSL) program is designed for students who are beginners in the French language and are typically only exposed to it in the classroom. The overall purpose of the FSL program is to equip students with functional communicative competence in French and to foster an appreciation for Francophone cultures.



Spanish Language and Culture 10-20-30

The Spanish Language and Culture program is designed to introduce students to the Spanish language and to the rich cultural diversity of the Spanish-speaking world. The program's overarching purpose is to provide students with the communicative competence necessary to interact effectively in basic Spanish and to foster an informed appreciation for the vast range of Hispanic cultures globally.

OTHER COMPLEMENTARY COURSES

Aboriginal Studies

Applied Sociology

Creative Writing

Cultural & Physical Anthropology

Forensic Science

International Politics

Learning Strategies

Physical Education

Psychology

- General Psychology
- Personal Psychology
- Abnormal Psychology
- Experimental Psychology

World Religion

Yearbook

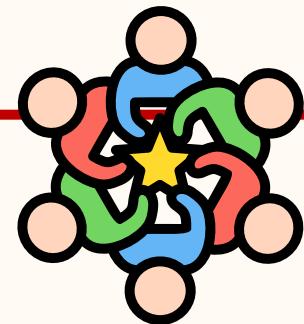


Aboriginal Studies 10-20-30

The Aboriginal Studies program is designed to provide students with a deep understanding of the diverse cultures, worldviews, and histories of First Nations, Métis, and Inuit peoples. The curriculum progresses from exploring traditional foundations and cultural expressions to a critical analysis of the impacts of colonial policies, treaties, and the residential school system. Students will engage with complex contemporary issues such as self-governance, land claims, and global Indigenous rights.

Applied Sociology 30

Applied Sociology 30 introduces students to the scientific study of human social behaviour, social groups, and societies. It emphasizes the application of sociological theory and research methods to real-world social issues. The overall purpose is to enable students to analyze how society influences individuals and vice-versa, preparing them to understand and critically engage with contemporary social problems, institutions, and change.



Creative Writing 15-25-35

The primary purpose of the Creative Writing program is to nurture students' imaginative capacity, develop their artistic voice, and provide intensive practice in the craft and technique of various creative writing genres. The program aims to transform students from simply competent writers into conscious literary artists capable of self-directed creation and critical self-revision.



Cultural & Physical Anthropology 30

Cultural and Physical Anthropology 30 provides students with a scientific and cross-cultural understanding of humanity in all its aspects. The overall purpose is to encourage students to analyze human experience critically, understand the interconnectedness of culture and biology, and appreciate the immense diversity and adaptability of the human species.



Forensic Science 25-35

Forensic Science is where chemistry, biology, and physics meet real-life detective work. You'll step into the shoes of an investigator—examining crime scenes, analyzing evidence, and solving mysteries with real scientific tools.

From fingerprints and blood spatter to toxicology and arson investigation, this is a hands-on course packed with labs, projects, and interactive activities.



International Politics 30

International Politics 30 dives into the high-stakes world of global power, exploring how countries and the organizations, leaders, and movements that influence them shape today's headlines. From international conflicts and surprising alliances to global crises and breakthrough agreements, students get to analyze the real forces driving world affairs.



Learning Strategies 15

Learning Strategies is for anyone who wants to become a better student. Students who are strong academically can use the strategies to increase the efficiency of their studying and decrease study anxiety. Students who have struggled academically in junior high will take this course to learn skills that will help them to be more successful. Attitudes, confidence, learning style, note-taking, reading, and writing will be explored as students gain academic and life skills that will benefit them in the future.

Physical Education 20-30

Physical Education 20 & 30 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.



Psychology

General Psychology 20

Dive into the science of human behaviour. Analyze why people do what they do, develop self-awareness, and learn to think critically about the world around you.



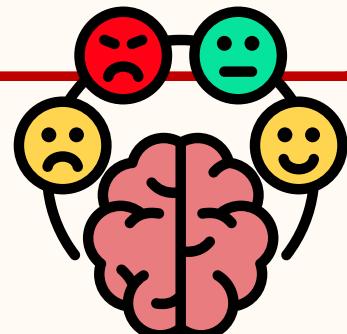
Personal Psychology 20

Focus on you. Explore self-development, build stronger relationships, and pick up practical skills to handle the challenges of growing up and navigating complex social situations.



Abnormal Psychology 35

Understand mental health like never before. Learn what causes disorders, how they're treated, and gain a scientific, compassionate perspective that challenges myths and stigma.



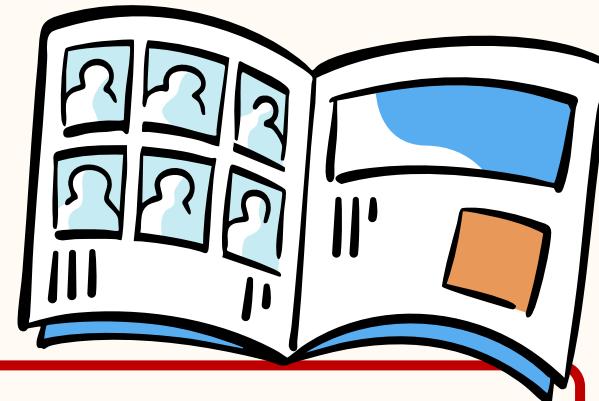
Experimental Psychology 30

Step behind the scenes of science. Learn how experiments reveal how humans and animals behave, how psychologists test their ideas, and why evidence matters more than opinions.

World Religion 30

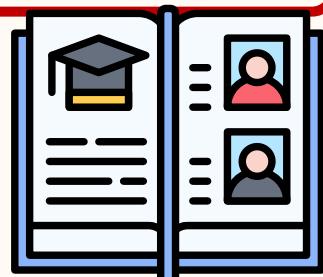
World Religions 30 is a humanities-focused course designed to provide students with a comprehensive, objective, and critical study of the major religious traditions of the world. It is a non-denominational course taught from an academic, social studies perspective.

The overall purpose is to promote global awareness, critical thinking, and respectful understanding of the diverse role religion plays in shaping human identity, culture, and history.



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 LCHS?! 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. Students will meet outside of regular class times



OFF CAMPUS EDUCATION

Students can sign up for these opportunities when they start school in the fall.

Students are responsible for finding their own placements.



Work Experience 15-25-35

The Work Experience Program allows eligible Alberta high school students to earn high school credits for work they perform on the job. The program is designed to provide students with practical, hands-on experience and help them explore career interests. The job can be either paid or volunteer.

Green Certificate Program (GCP)

GCP is an agricultural apprenticeship-style program for high school students. It is a joint effort between Alberta Education and Alberta Agriculture and Irrigation, designed to help students earn high school credits while developing practical, hands-on skills in various agricultural specializations.



RAP (Registered Apprenticeship

Program)

RAP allows high school students in Alberta to begin their apprenticeship in one of the province's designated trades before graduation. Students in RAP are simultaneously full-time high school students and registered apprentices.

This program gives students a significant head start on their career by allowing them to earn both high school credits and certified apprenticeship hours. 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.

