

REGISTRATION SUPPLEMENT 2018-19



Western Canada High School

641-17th Avenue S.W.,
Calgary, Alberta T2S 0B5

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(A-G)

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The Assistant Principals are responsible for working with students whose surnames begin with the above indicated letters.

SCHOOL CONTACT INFORMATION

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STUDENT NAME: _____

WHAT'S INSIDE

ACKNOWLEDGEMENTS	35
CALM (CAREER AND LIFE MANAGEMENT)	17
CAREER CENTRE	28
CAREER AND TECHNOLOGY CENTRE	28, 34
CAREER AND TECHNOLOGY STUDIES	29 - 33
CERTIFICATES	7
CBE FINE AND PERFORMING ARTS CERTIFICATE	
INTERNATIONAL LANGUAGES CERTIFICATE	
CBE INTERNATIONAL CERTIFICATE	
CBE GREEN CERTIFICATE	
EDUCATIONAL SUPPORT SERVICES	8 - 9
ENGLISH LANGUAGE LEARNERS	
LEARNING STRATEGIES PROGRAM	
SHELTERED ELL COURSES	
ENGLISH	10 - 11
ENGLISH OPTIONS (JOURNALISM, FILM STUDIES)	
FINE AND PERFORMING ARTS	23 - 27
ART	
BAND	
CHOIR	
DANCE	
DRAMA	
ELECTRONIC MUSIC	
PD IN THE ARTS	
FRENCH IMMERSION PROGRAM - GENERAL INFO	7
INTERNATIONAL BACCALAUREATE PROGRAMME (IB)	5
INTERNATIONAL AND CLASSIC LANGUAGES	18 - 22
FRENCH AS A SECOND LANGUAGE (FSL)	
FRENCH IMMERSION (FLA)	
INTERNATIONAL BACCALAUREATE FRENCH IMMERSION PROGRAMME	
INTERNATIONAL BACCALAUREATE (IB) FRENCH AS A SECOND LANGUAGE	
INTERNATIONAL BACCALAUREATE (IB) SPANISH AB INITIO, SL & HL	
LATIN	
SPANISH LANGUAGE ARTS & CULTURE	
MATHEMATICS	14 - 15
PHYSICAL EDUCATION	16 - 18
PHYSICAL EDUCATION	
SPORTS MEDICINE	
SPORTS PERFORMANCE	
YOGA	
PRINCIPAL'S MESSAGE	3
RAP	28
SCIENCE	15
SOCIAL STUDIES	11 - 13
SOCIAL SCIENCE OPTIONS	
STUDENT ACTIVITIES	4
WELCOME	4
WORK EXPERIENCE	28

STUDENT REGISTRATION GUIDE WESTERN CANADA HIGH SCHOOL



PRINCIPAL'S MESSAGE

Welcome to Western Canada High School!

Western Canada High School is one of the best schools in Canada. It has a distinguished history in our city that began in the early 1900's. Students who have graduated from Western Canada High School have become part of that legacy. Honouring its tradition of excellence, Western Canada High School continues to prepare and empower students to be knowledgeable, confident and lifelong learners, capable of enhancing their lives and the quality of our world.

The school year also provides students with the opportunity to share their passions and skills to enhance the Western school culture. Besides their commitment to academic studies, students can get involved in school life through participation in athletics, fine arts, clubs and social events. As you begin this next chapter in your life, we encourage you to get involved and explore the possibilities.

The contents of this guide are important as you select the courses that will meet your educational needs and build a foundation for your future. While choosing your classes, I am asking you to keep in mind our school motto: *Intelligentia, Vires, Virtus* (Knowledge, Strength, Courage). Pick classes that will challenge you and will allow you to test your strength and your courage. We look forward to working with you in the next years to build a better world.

Martin Poirier,
Principal

Western Canada High School

WELCOME

The purpose of this Registration Supplement is to help students plan their educational path by selecting courses for the 2018-2019 school year at Western Canada High School. Please refer to the Calgary Board of Education Detailed High School Course Guide online:

(<http://www.cbe.ab.ca/programs/high-school/Documents/Detailed-High-School-Course-Guide.pdf>).

Students are encouraged to make use of the information in this guide to plan a program of studies that will meet their academic needs, Alberta High School Diploma requirements, and their own educational and career goals.

Students, along with their parents/guardians, who may have questions regarding our programs or courses, are asked to call the school at 403-228-5363, local 2122, and request to speak with a guidance counsellor.

In addition to academics, students are encouraged to become involved in our extra-curricular clubs, activities and athletics programs. Below is a sample of what we offer:

STUDENT ACTIVITIES

Student Clubs / Activities

Anime Club
 Amnesty International
 Chess Club
 Culture Club
 Dance Club
 Debate Club
 Drama Club
 Environment Club
 Franco-Western Club
 Geography Club
 GSA Club (Spectrum)
 Interact Club
 Jam Club
 Junior Achievement
 Link-ages
 Math Club and Contests
 Mock Trial
 Model U.N.
 Peer Tutoring
 Photography Club
 Science Club
 Science Competitions
 Science Challenge Exams
 SKIP
 Speech Club
 Students' Union and Rowdies
 Study Space
 WCHS Leadership Committee
 Wellness Club

Yearbook Committee
 Youth in Action

Athletic Teams

Badminton
 Basketball - Boys - Jr.
 Basketball - Boys - Sr.
 Basketball - Girls - Jr.
 Basketball - Girls - Sr.
 Cheer Team
 Cross Country
 Football - Jr.
 Football - Sr.
 Field Hockey - Jr. Girls
 Field Hockey - Sr. Girls
 Rugby - Boys - Jr.
 Rugby - Boys - Sr.
 Rugby - Girls - Jr.
 Rugby - Girls - Sr.
 Soccer - Boys
 Soccer - Girls
 Swim and Dive
 Track and Field
 Volleyball - Boys - Jr.
 Volleyball - Boys - Sr.
 Volleyball - Girls - Jr.
 Volleyball - Girls - Sr.
 Wrestling

COURSE SELECTION

Grade 10 students are expected to maintain a minimum of 8 full courses.

Grade 11 students will take a minimum of 7 courses (35 credits) including CALM.

Grade 12 students will be expected to register in a minimum of 6 courses (30 credits). Rare exceptions are subject to administrative approval. Students must carry a minimum of 3 courses in each semester to be considered a full-time student at Western Canada High School.

Students are granted an opportunity to take each course for which they are qualified, once. Should space be available, students may be granted a second opportunity if, in the judgment of their administrator, they have made **their best effort** to be successful in the first case.

THE INTERNATIONAL BACCALAUREATE PROGRAMME (IB)



Western Canada High School is pleased and proud to offer the internationally recognized International Baccalaureate (IB) Programme. Founded in 1968, this challenging programme is offered in over 140 countries and recognized by post-secondary institutions worldwide.

The majority of students who IB at Western will take their IB courses in English; however Western also offers an IB Bilingual Diploma in French, and an IB Diploma in with a concentration in International Languages, French and Spanish.

Students who register as IB Diploma students, in addition to their academic courses, take the core components of the IB programme. This includes an extended essay in a subject area of their choice, the CAS (creativity - action - service) portfolio, as well as the Theory of Knowledge course.

Students who register as IB Courses Candidate students (partial IB) mix IB courses with Alberta Education courses.

In order to enter the IB Programme at Western, students must prepare an expression of interest package (deadline is mid-January of the Grade 9 year) to register in the WCpreIB Grade 10 Programme. At the end of Grade 10, students may register for IB courses based on the advice of teachers and student preferences. Students must combine a serious work ethic and a strong love of learning to succeed in this academically rigorous and academically rewarding programme.

For further information on the IB Programme at Western, please consult the Western Canada High IB webpage (<http://schools.cbe.ab.ca/b816/pages/ib/ib.html>) or contact us.

HIGH SCHOOL DIPLOMA REQUIREMENTS

COURSES	CREDITS
English Language Arts - 30 level (ELA 30-1 or 30-2)	15
Mathematics - 20 Level (Math 20-1, 20-2 or 20-3)	10
Science - 20 Level (Sci. 20, Sci. 24, Bio. 20, Chem. 20 or Phys. 20)	10
Social Studies - 30 Level (SS 30-1 or SS 30-2)	15
Physical Education 10 - 3 credits	3
Career and Life Management 20 (CALM) - 3 credits	3
Ten credits in any combination from: CTS, Second Languages, Fine Arts, PE20/30	10
Ten credits in any 30 level course (in addition to 30-level English and Social)	10
Additional Courses (minimum)	24
TOTAL MINIMUM CREDITS REQUIRED	100

Note: The criteria for participating in the school's graduation ceremony in late spring is that students are enrolled in courses leading to completion of all diploma requirements listed above by the end of June of their graduation year.

GENERAL COURSE INFORMATION (FAQs)

What are credits?

Credits are awarded for the successful completion of a course (minimum 50%). A subject taken for a full semester is normally worth 5 credits. A subject using half this time may be awarded 3 credits. Career and Technology Studies (CTS) coursework awards individual credits for specific modules throughout a course. Credits can be earned only once in any one course.

What is a prerequisite?

A prerequisite course is one that must be successfully completed before proceeding to the next level in the course path. For example, students must pass ELA 10-1 before taking ELA 20-1.

How are high school courses numbered?

In most cases, high school courses are numbered so that Grade 10 classes are numbered in the 10s, *e.g.*, *Social 10-1, Science 10 and Sports Med 15.*

Grade 11 classes are numbered in the 20s, *e.g.*, *ELA 20-1, Science 24 and Art 20.*

Grade 12 classes are numbered in the 30s, *e.g.*, *Chemistry 30, Math 31 and Work Experience 35.*

Career and Technology Studies courses are not necessarily numbered by grade, but are numbered with lower numbers associated with introductory levels, and higher course numbers for the intermediate and the advanced levels.

THE FRENCH IMMERSION PROGRAM



The French Immersion Program at Western Canada High School is designed for both “early” and “late” immersion students coming from junior high schools. To obtain a **Calgary Board of Education Certificate of Achievement in French Immersion**, students must take 45 credits in courses taught in French over three years. Fifteen credits must be obtained in French Language Arts. Students may obtain the remaining 30 credits by taking courses in Mathematics and Social Studies. All of these follow the regular Alberta Curriculum but are taught in French.

As well as taking immersion courses, students follow the regular program in order to obtain a high school diploma. It is possible for students to obtain the French Immersion Certificate of Achievement as well as the IB Diploma in French.

Students should take at least one French Immersion course in every semester.

CERTIFICATES

CBE FINE AND PERFORMING ARTS CERTIFICATE

Students are encouraged to speak with their Guidance Counsellor, their teacher and the Learning Leader of Fine Arts if they are interested in attaining this certificate. For more information, go to: www.westerncanadafinearts.com/pdac/overview

INTERNATIONAL LANGUAGES CERTIFICATE

Students who obtain 30 credits (15 in French Language Arts or French as a second language and 15 in Spanish) are eligible candidates for this certificate.

CBE INTERNATIONAL CERTIFICATE

Western Canada High School offers the “International Certificate” through the Calgary Board of Education. The International Certificate is a way of recognizing and valuing the significant contributions, work, and experiences of an international nature that students have accomplished throughout their 3 years of high school.

CBE GREEN CERTIFICATE

The Green Certificate Program is for students working in Agricultural Production Specializations such as equine, cow/calf, field crop, etc. Students can earn up to 16 high school credits and a Level I (Technician) Green Certificate recognized by agribusiness in Alberta. For more information, students should contact the Off-Campus Coordinator.

EDUCATIONAL SUPPORT SERVICES

LEARNING STRATEGIES PROGRAM

The Learning Strategies Program is designed to support students who have been formally assessed by a psychologist and are identified with Alberta Education Special Needs Codes. These students register in the regular program but also have the option of taking Learning Strategies courses, depending on the need for learning support. Students who have not been formally assessed and coded but require academic assistance, may be enrolled in the Learning Strategies course at the discretion of the Learning Strategies Learning Leader.

The Learning Strategies Learning Leader assists teachers and students in developing strategies to meet specific individual needs as outlined in the students' Individual Program Plans (IPPs). The Learning Strategies courses focus on curriculum support, reading comprehension, effective writing techniques, note-taking skills, time management and organizational skills, study skills, test writing strategies and transition planning for the workplace or post-secondary education. The Learning Strategies courses also explore the use of assistive technology software.

Learning Strategies 15 **5 credits**

Prerequisite: None

Learning Strategies 25 **5 credits**

Prerequisite: Learning Strategies 15

Learning Strategies 35 **5 credits**

Prerequisite: Learning Strategies 25

ENGLISH LANGUAGE LEARNERS (English as a Second Language)

After assessment by the Calgary Board of Education (CBE) at Kingsland Centre, students are directed to Western Canada High School to be placed at the appropriate English Language Learner (ELL) level. Selection of classes and options depends upon individual interest, suitability, and class availability. Promotion to the next level depends primarily on student achievement in reading and writing.

Some students may be placed in regular classes that include English language support, such as sheltered English classes at the 10 and 30 levels, Social Studies 10 Sheltered and Science 10 Sheltered.

ELL Level 2

20 Credits

This course is designed for the English language learner who has little or no knowledge of English. It introduces the student to school and Canadian culture, with an emphasis on the language necessary to navigate one's way through everyday situations and requirements for life in Canada. The course includes ELL Introduction to Science and ELL Introduction to Canadian Studies. All forms of media and interactions are used to help the student gain English language proficiency.

ELL Level 3A

5 Credits

This course is for intermediate level English language learners to improve their listening, speaking, reading and writing skills. The course includes study of a variety of expository and literary texts to develop vocabulary and familiarity with the language. Verbal and written expression of personal and critical response to text is taught. The student will have a grade-equivalency reading score of 3 to 4 for this course.

ELL Level 3B**5 Credits**

This course will help intermediate level English learners improve their listening, speaking, reading and writing skills. The course includes study of literary texts, response to literature, vocabulary development, and various types of writing. It will prepare the learner for ELL Level 4. The student will have a grade-equivalency reading score of at least 4 to 5 for this course.

ELL Level 4A**5 Credits**

This course is designed for the high-intermediate English language learner to improve listening, speaking, reading and writing skills. Students study a variety of expository and literary texts to develop analytical skills through oral and written response. There is an emphasis on vocabulary development and practice writing various forms of text. The student will have a grade-equivalency reading score of at least 5 to 6 for this course.

ELL Level 4B**5 Credits**

This course will help high-intermediate level English learners improve their listening, speaking, reading and writing skills. The course includes the study of literary texts, response to literature, vocabulary development as well as the understanding and use of figurative language. The course is designed to prepare the learner for an ELA 10 course. The student will have a grade-equivalency reading score of at least 6 to 7 for this course.

SHELTERED ELL COURSES:**Social Studies 10-1 Sheltered****5 Credits**

Prerequisite: Grade-equivalency reading level of 5+/enrollment in or completion of ELL Level 4

Students will complete the Social Studies 10 program. Credits may be awarded for either Social Studies 10-1 or 10-2.

Science 10 Sheltered**5 Credits**

Prerequisite: Grade-equivalency reading level of 5+/ELL 4A or ELL 3B and teacher recommendation

Course content and expectations are the same as the regular Science 10 course with added support for the English language learner. (Credits are given for Science 10.)

ELA 10-1 Sheltered**5 Credits**

Prerequisite: Grade-equivalency reading level of 7+/enrollment in or completion of ELL Level 4B

Course content and expectations are the same as the regular ELA 10-1 course with added support for the English language learner. Upon successful completion, credits for ELA are given for ELA 10-2 or ELA 10-1.

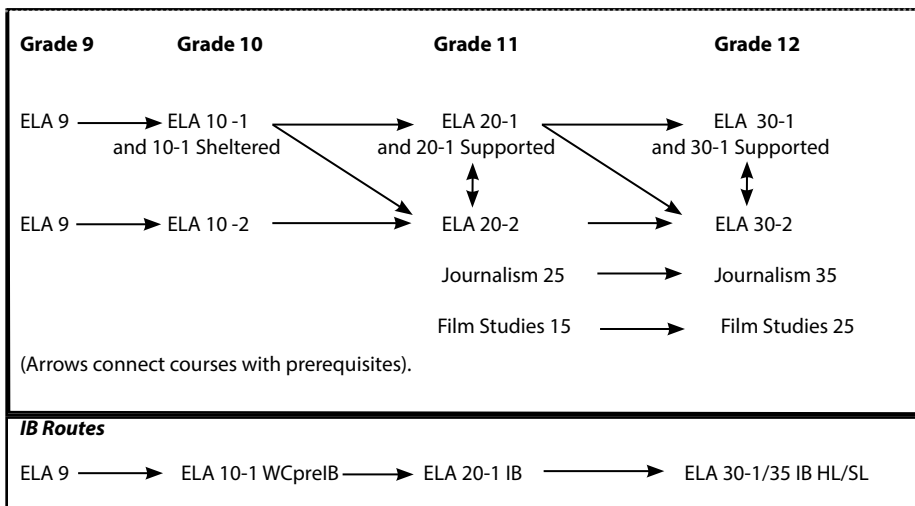
ELA 20-1 (Supported)**5 Credits****Prerequisite ELA 10-1**

Course expectations are the same as the regular ELA 20-1 course. Students are supported through targeted scaffolding of required outcomes to prepare for successful completion of the course.

ELA 30-1 (Supported)**5 Credits****Prerequisite ELA 20-1**

Course content and expectations are the same as the regular ELA 30-1 course. Students are supported through targeted scaffolding of required outcomes to prepare them for successful completion of the course and the ELA 30-1 Diploma Exam.

ENGLISH



THREE PROGRAM ROUTES ARE OFFERED IN ENGLISH:

ELA 10-1, 20-1, 30-1

This sequence is intended for students whose educational/career paths require post-secondary entrance.

IB Route: ELA 10WCPrelB, ELA 20IB, ELA 30IB, ELA 35IB (HL/SL)

This sequence is intended for students whose educational/career paths require post-secondary entrance and who wish to challenge themselves beyond the Alberta Program of Studies or meet international post-secondary admission requirements. Students may earn IB credit at Higher Level or Standard Level, but this choice is made in the final semester during ELA 35IB. A mark of over 80% is recommended to remain in this program.

ELA 10-2, 20-2, 30-2

This sequence is intended for students whose educational / career paths do not require post-secondary entrance; however, these courses are accepted by some post-secondary institutions for some programs. Students who earn less than 65% in ELA 9, ELA 10-1, or ELA 20-1 are strongly encouraged to commit to this program to achieve success.

Transferring Programs

Since student interest and academic performance sometimes change, it is possible to switch programs with an appropriate grade and teacher recommendation. The best place to make a route or program change is continue from ELA 20-2 to ELA 20-1, so that the student is adequately prepared to attempt ELA 30-1.

ENGLISH OPTIONS

Journalism 25

5 Credits

No prerequisite

This course develops professional writing skills. Students will write stories and articles about current events and the world

in general. Grammar, mechanics and style will be taught and evaluated. Analysis of art, photography and film will also be featured.

Journalism 35

5 Credits

Prerequisite: Journalism 25

This course continues to allow students to develop professional writing skills as well as their publishing skills.

FILM STUDIES

Film Studies is designed to be enjoyable and challenging to students with an interest in film. Film Studies 15-25 will engage students in a comprehensive analysis of the history and evolution of the technical and artistic aspects of filmmaking. They will develop a critical appreciation of film to become informed consumers of film.

Film Studies 15

5 Credits

Prerequisite: None

This course is designed to introduce students to three areas of film study. In the first part, central concepts of film will be explored such as mise en scene, sound, lighting, camera shots, angles and movement. The

second part of the course will continue to work with these concepts, as well as delving more deeply into theoretical issues including concepts of genre, pre-production/production and post-production, roles of filmmakers and Canada's influence in film. The third part of the course focuses on the application of basic film making concepts and techniques through filming and editing. Students will also create an original script and storyboard for a short film, and produce it on DVD.

Film Studies 25

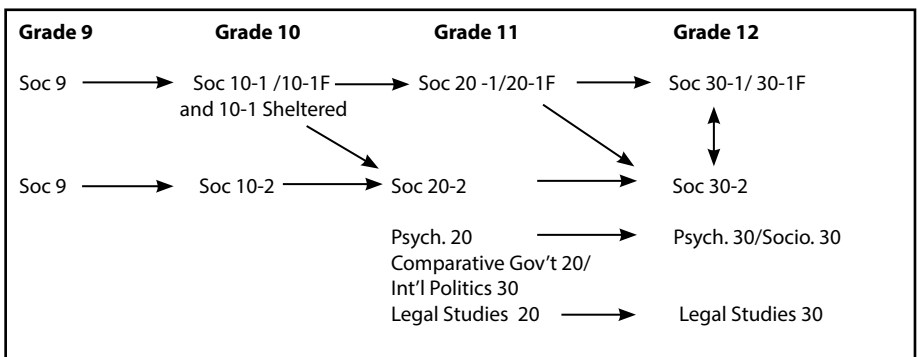
5 Credits

Introductory and Intermediate Level

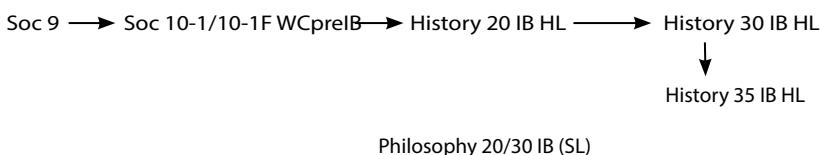
Prerequisite: Film Studies 15

This course builds upon the skills and techniques acquired in Film Studies 15. The emphasis of Film Studies 25 will be placed on further developing social, cultural, historical and technical forces impacted and reflected by film. Students will be challenged to master critical, analytical and technical aspects of filmmaking. They will also create an original script and storyboard for a short film, and produce it on DVD.

SOCIAL STUDIES



IB Route:



(Arrows connect courses with prerequisites)

THREE PROGRAM ROUTES ARE OFFERED IN SOCIAL STUDIES:

Western Canada High School offers a diverse Social Studies program in both French and English. Students should choose the program best suited to their educational/career path.

Social Studies 10-1, 20-1, 30-1

These courses are intended for students whose career/educational paths require post-secondary entrance. This program is offered in both the French and English language.

IB Route: Social Studies 10 WCpreIB, 20IB, SS30IB, 35IB

These courses are intended for students whose career/educational paths require post-secondary entrance and who wish to challenge themselves beyond the expectations of the regular Alberta Program of Studies. Students should have a passion for the study of history. These courses are offered in both the French and English language. A mark of over 80% is recommended to remain in this program. Courses require extensive reading. Strong literacy skills are required.

Social Studies 10-2, 20-2, 30-2

These courses are accepted by some post-secondary institutions for particular program entrance requirements. They are intended for students whose career/ educational paths do not require the higher level program or who have experienced difficulty with Social Studies. Students who receive less than 3 in Soc 9 and students who receive less than 60% in Soc 10-1 or Soc 20-1 are strongly encouraged to commit to this program to meet with success.

SOCIAL SCIENCE OPTIONS

These courses are offered to students wishing to explore the Social Sciences. They cannot be used to fulfill Social Studies credit requirements for Alberta Education.

Comparative Governments 20

3 Credits

Prerequisite: 70%+ in Soc 10-1

The objective of Comparative Governments 20 is to compare and contrast the Government of Canada with governments of the United States and another country selected by the student. There will be a field experience component for this course (i.e. Model United Nations Symposium). The course will be offered online with a weekly in-class meeting. Students considering this course should be self-directed learners. Students are also encouraged to participate in the Model UN club.

International Politics 30

3 Credits

Prerequisite: 70%+ in Soc 10 -1

The objective of International Politics 30 is to give the student an understanding of the development and importance of international relations. Examining such concepts as the nature of power, the balance of power, territorial rivalry, ideological rivalry, international conflict and international economic relations brings about this understanding. There will be a field experience component for this course (i.e. Model United Nations Symposium). The course will be offered online with a weekly in-class meeting. Students considering this course should be self-directed learners. Students are strongly encouraged to also participate in the Model UN club.

General & Personal Psychology 20**6 credits****Prerequisite:** Soc 10-1 or Soc 10-2

Psychology 20 explores all facets of human behaviour and is divided into 2 courses: General and Personal Psychology.

General Psychology (3 credits)

traces the historical schools of psychological thought and examines principles of learning, thinking, clinical disorders and their treatment.

Personal Psychology (3 credits)

explores theories of personality, development, personality testing, intelligence and biological influences on behaviour.

Psychology 30 & Sociology 30**6 Credits****Prerequisite:** Gen. or Pers. Psych 20**Abnormal Psychology 30 (3 credits)**

builds on the knowledge gained in Psychology 20. Examine the history of experimental psychology in addition to conditioning, personality, mental illness, development and the application of psychology in our world. Define, explore and understand consequences of "abnormal" behavior and psychological conditions through group work and a research project.

Applied Sociology 30 (3 credits)

students will objectively analyze phenomena around them to better understand society and its influence on their lives as well as their roles in societal change. Topics include culture, the role of the institution, social movements, deviance and a project topic of the students' choice.

Legal Studies 2**5 Credits****Prerequisite:** None

Legal Studies 20 presents students with basic and practical information about how Canada's legal system works and its impact on you as a citizen. Take part in debates and research real cases over the Internet. Guests will speak on issues relevant to youth. The course includes: Introduction and History of Law, Family Law, Employment Law, Contract Law and Tort Law.

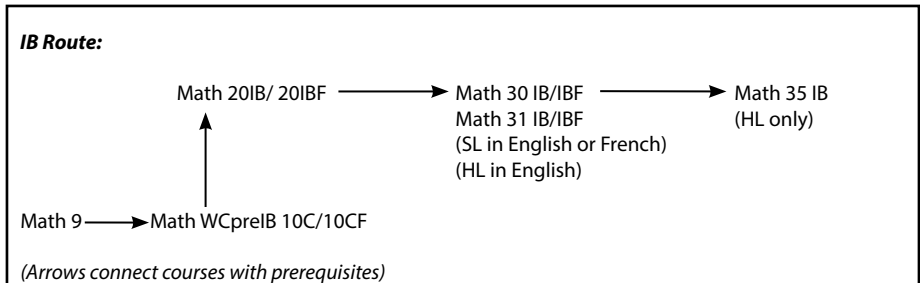
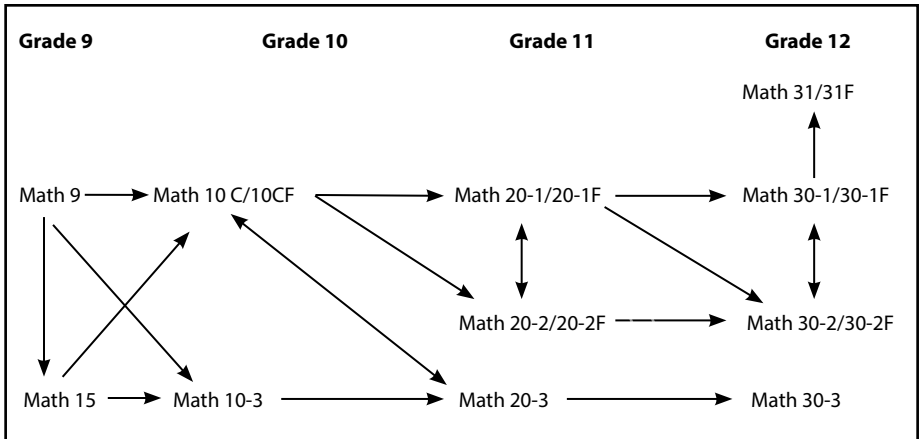
Legal Studies 3**5+ Credits****Prerequisite:** Legal Studies 2

Recommended for students who wish to further study select topics of law and current affairs. Students will develop good reasoning skills and an awareness of the legal issues and procedures with which both citizens and employees must deal. They will be given the opportunity to do an in-depth independent study of a topic of their choice. The course includes: Criminal Law II; Conflict Resolution; Real Property Laws, Wills, Estates; Consumer Law; Environmental Law; Business/ International Law; World Legal Issues.

Philosophy 20 & 30 IB(SL)**6 Credits****Prerequisite:** ELA 10-1 WCpreIB or Soc 10-1 WCpreIB, or special request

Philosophy 20 and 30 are available to students who wish to earn credit in Philosophy IB Standard Level or to motivated and confident students outside the IB program. Completion of this course provides credit in two Alberta Education Social Science courses: Contemporary Western Philosophy 20 and Philosophies of Man 30. The course is a discussion-based course that examines themes related to human nature, human freedom, mind and body, personhood, ethics, epistemology, philosophy of science, and philosophy of religion.

MATHEMATICS



FOUR PROGRAM ROUTES ARE OFFERED IN MATHEMATICS:

To address diverse needs, abilities and interests of students, WCHS offers five different sequences of mathematics. Each course in a sequence is worth 5 credits, except for Math 35IB(HL), which is 3 credits. Students must successfully complete a minimum of two high school math courses (including one at the Grade 11 level) to earn an Alberta High School Diploma.

Routes:

The IB route (Standard Level and Higher Level) combines the International Baccalaureate and Alberta Education program of studies. The courses in this rigorous path are intended for motivated and talented students who wish to pursue mathematics beyond the Alberta curriculum. Students entering Math WCpre-IB in September 2015 and who receive teacher recommendation will take Math 20IB in second semester of Grade 10 and Math 30IB and Math 31 IB in Grade 11. IB is offered in English and French.

The Pre-Calculus (-1 or dash 1) route is intended for students whose post-secondary studies will include calculus such as engineering, science or business. This route is both more theoretical and algebraic than the Principles (-2 or dash 2) route. Both routes can lead to post-secondary studies, however Math 30-2 may not be accepted for some post-secondary programs. Math 31 is for programs requiring Calculus. Offered in English and French.

The Principles (-2 or dash 2) route is intended for students who wish to pursue post-secondary studies which do not require calculus such as arts programs and medical technologies. Topics will include relations and functions, equations, probability and trigonometry.

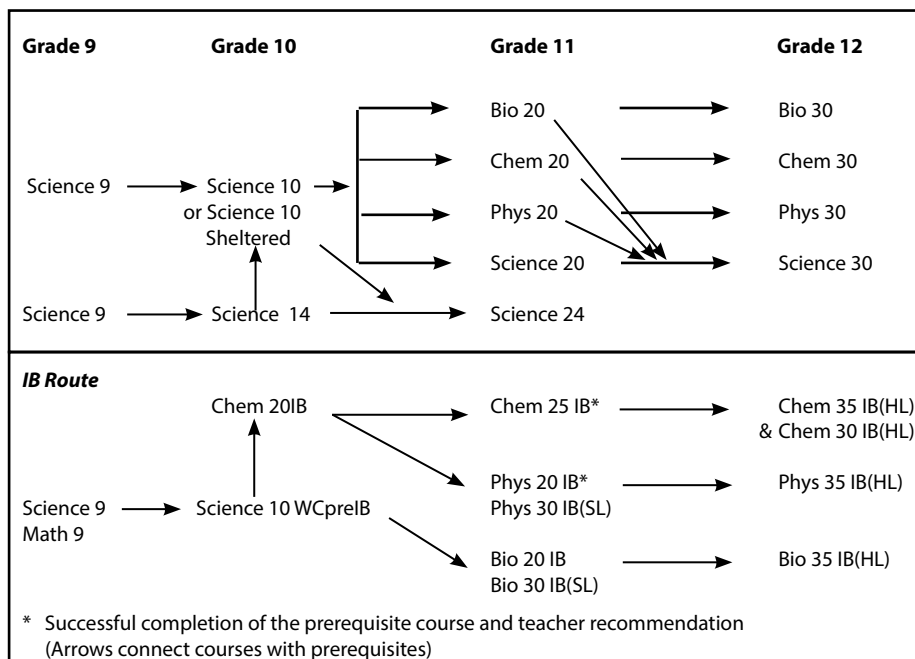
The focus in this route is on the practical applications of mathematical thinking. Offered in English and French.

The Apprenticeship and Workplace (-3 or dash 3) route provides students with the skills and knowledge for the first three levels of most trades or direct entry into the work force after high school. The course topics include measurement, geometry, basic trigonometry as well as personal finance and logical reasoning. Offered in English.

It is strongly recommended that students, in consultation with their parents/guardians, research the entrance requirements for post-secondary programs so that students are enrolled in the appropriate program.

Math 15 is for students intending to take Math 10C, and who have demonstrated basic achievement of grade 9 level expectations, but who have been challenged by algebra, exponents, fractions and problem-solving. This course develops competency in mathematical thinking, enhances numeracy and problem-solving skills, and sets students up for success in future courses in mathematics. Offered in English.

SCIENCE



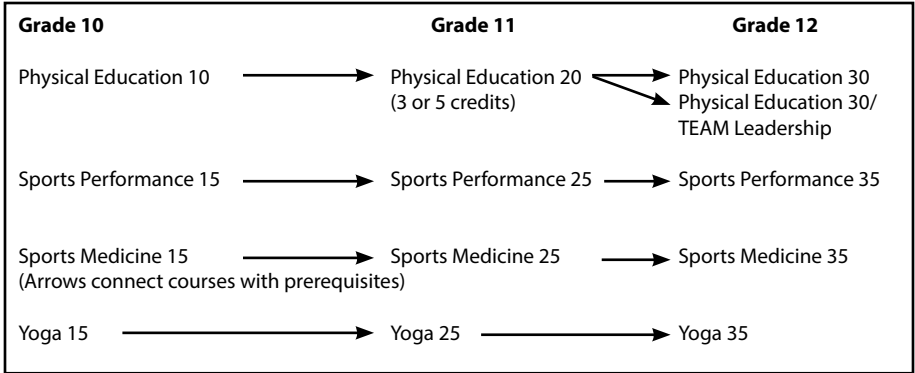
THREE PROGRAM ROUTES ARE OFFERED IN SCIENCE:

The Diploma Path (10,20, 30 course sequences)

The Diploma Path (14, 24 Level)

IB Route (Standard Level and Higher Level) combines the International Baccalaureate and Alberta Education program of studies. The courses in this route are intended for motivated and talented students wishing to pursue science beyond the Alberta curriculum. Students entering Science 10 WCpre-IB in September 2015 and who receive teacher recommendation will take Chem 20IB in the second semester of Grade 10.

PHYSICAL EDUCATION and CALM



Physical Education 10 **5 Credits**
Prerequisite: None
 Fee: \$50.00

PE 10 is a compulsory course for Grade 10 students as it is a required course for the Alberta High School Diploma. Students select activities in which to participate. The fee associated with this program covers: lock, guest presenters and off-campus activities.

Physical Education 20 **5 Credits**
Prerequisite: Physical Education 10
 Fee: \$200.00

The PE 20 program shifts from traditional activities to a program centered on lifetime activities. Although some activities from the PE 10 program remain (individual, team, dance and fitness activities), the lifetime focus is comprised of activities that take place largely off the school campus. These include hiking, racquetball, golf, wall climbing, bowling, tennis, Zumba, canoeing, in-line skating, wave pool/aquasize, batting cages and yoga. Students are required to complete 5 service hours by the end of the course.

Physical Education 20 **3 Credits**
Prerequisite: Physical Education 10
 Fee: \$100.00

This is a one term course that is often coupled with CALM 20 in the alternate term and taken by students who have difficulty fitting all their desired courses into their timetable. Students are required to complete 3 service hours by the end of the course.

Physical Education 30 **5 Credits**
Prerequisite: Physical Education 20
 Fee: \$200.00

Many of the same team and individual activities are offered on campus in this program. Students also participate in some of the same off-site activities as they did in PE 20. In addition, students will have an opportunity to explore some different lifetime activities like squash, kayaking, curling and camping. Students are required to complete 5 service hours by the end of the course.

PHYSICAL EDUCATION OPTIONS

**Physical Education 30 and
 TEAM Leadership** **10 credits**
Prerequisite: PE 20 (3 or 5 credit) teacher recommendation
 Fee: \$225.00

Physical Education 30 Leadership is a full year course that blends a leadership class with a PE 30 course. Students will receive 10 credits for the year; 5 for the PE 30 component and 5 for the Leadership component. Students will participate in the same activities as offered in the regular PE 30 course, with the addition of a leadership hosteling trip in the Kananaskis, and a camping trip to Jarvis Bay (Sylvan Lake). For the leadership component, students will be working through Jeff Jansen's book "The Team Captain's Leadership Manual" in a class setting and they will engage in practical projects that help to develop and challenge their leadership capacity. They will get the opportunity to engage in leadership projects such as:

running tournaments, updating the school's athletic website, organizing athletic pep rallies and organizing the school's athletic banquet. This is a dynamic class for students who love to participate in physical activity all year and want to develop their leadership capacity in an athletic setting.

Sports Medicine 15 **5 Credits****Fee:** \$100.00

This is an elective course composed of 5 1-credit CTS modules for those students who are interested in working as student trainers with one of the school's athletic teams. The program will cover basic first aid, CPR, anatomy and physiology, correct methods and procedures of injury assessment, taping and treatment, the care and use of equipment used in sports medicine areas and efficient running of a training room including record keeping and supply inventory. Students are required to spend 15 hours with a school sports team doing training duties and will be trained in basic first aid and CPR.

Sports Medicine 25 **5 Credits****Prerequisite:** Sports Medicine 15**Fee:** \$100.00

This is the second level of Sports Medicine and is a course composed of 5 1-credit CTS modules for those students interested in pursuing education in the fields of sports medicine, physical education, athletic therapy, occupational therapy and physiotherapy. This program will cover advanced anatomy and assessment and treatment of specific injuries to the major joints of the body. Students will be recertified in CPR and first aid. The course involves a 30-hour practicum with a school team. The program hours are split between the classroom (approx. 70%) and the practicum (approx. 30%)

Sports Medicine 35 **5 Credits****Prerequisite:** Sports Medicine 25**Fee:** \$100.00

This is a 5 credit CTS course that is composed of 1 credit modules. The course focusses on advanced sport medicine treatment and rehabilitation, along with the recognition, assess-

ment and treatment of head, neck and spinal injuries and abdominal conditions. Recertification in CPR and first aid is also included. There is a 60 hour practicum with a school team and a 6 hour job shadow with a medical practitioner. The program hours are split between the classroom (approx. 40%) and the practicum (approx. 60%).

Sports Performance 15 **5 Credits****Prerequisite:** None**Fee:** \$85.00 (incl. Fitness Centre pass)

Sports Performance is a physically intense course composed of 5 1-credit CTS modules. It is intended to help students reach their athletic potential. Students will work to improve their speed, power, agility, flexibility, endurance and core stability. Students will participate in a variety of fitness programs designed to emphasize the attributes needed for their sport. Students will also explore topics related to sport performance including nutrition, sport psychology, training techniques and current trends in the fitness and sport development industry.

Sports Performance 25 **5 Credits****Prerequisite:** Sport Performance 15**Fee:** \$85.00 (incl. Fitness Centre pass)

Continuation of the curriculum offered in Sports Performance 15.

Sports Performance 35 **5 Credits****Prerequisite:** Sport Performance 25**Fee:** \$85.00 (incl. Fitness Centre pass)

Continuation of the curriculum offered in Sports Performance 25.

CALM 20 **3 Credits**

Career and Life Management is a compulsory course required for the Alberta High School Diploma. It is typically offered in Grade 11, and can be completed in the classroom or online.

Yoga 15**3 or 5 Credits**

Yoga 15 is a foundational course designed for students with no prior yoga experience. Students will study yoga as a way of enhancing physical health, focus and concentration, self-awareness and stress management. The focus of this course will be asana practice which refers to poses and postures designed to develop flexibility, muscular strength and muscular endurance. Emphasis will be placed on correct alignment, safe practice and accessibility. The course will also introduce students to the historical roots of yoga, and provide a basic understanding of relevant anatomy and physiology. Students must provide their own yoga mat.

Yoga 25**3 or 5 Credits****Prerequisite:** Yoga 15

Students will deepen their study of yoga. More advanced postures (asanas) and breathing techniques will be practiced and poses will

be held for longer periods to increase endurance. Students will learn about the categories of yoga asanas, and how to sequence them in a practice in order to design a personalized home practice. Through continued practice the many benefits of yoga will continue to be experienced. Students must provide their own yoga mat.

Yoga 35**3 or 5 Credits****Prerequisite:** Yoga 25

Students will continue to advance their study and practice of yoga, through refinement of basic asanas and breathing techniques and through the introduction of more challenging postures. Styles of yoga will be further investigated, as will yoga philosophy. Students will have a chance to study the biomechanics and kinesiology of asanas in more depth. The many benefits of yoga will continue to be experienced. Students must provide their own yoga mat.

INTERNATIONAL AND CLASSIC LANGUAGES

SPANISH LANGUAGE AND CULTURE

	Grade 10	→	Grade 11	→	Grade 12
Beginner	Spanish L&C 10	→	Spanish L&C 20	→	Spanish L&C 30
JR. High or some background:	Spanish L&C 20	→	Spanish L&C 30	→	Spanish 30 IB/H (optional)

(Arrows connect courses in each sequence/stream)

	Grade 10	→	Grade 11	→	Grade 12
IB/H Route:					
Beginner/ ab initio:	Spanish 10 WCpreIB/H ab initio	→	Spanish 20 IB/H	→	Spanish 30 IB/H (SL)
JR. High or some background/ Language B:	Spanish 20 IB/H	→	Spanish 30 IB/H (SL)	→	Spanish 31 IB/H (SL)
Students from Spanish Bilingual schools or Spanish speaking students:	Spanish 30 IB/H (SL)	→	Spanish 31 IB/H (SL)	→	Spanish 35 IB (HL)

(Arrows connect courses in each sequence/stream)

Spanish 10 - Entry level in the Spanish Program for students with little or no Spanish.

Spanish 10 WCpreIB/H - Entry level for students with little or no Spanish but who have studied in French Immersion or those who speak other Latin-based languages.

FRENCH AS A SECOND LANGUAGE (FSL)

	Grade 10	→	Grade 11	→	Grade 12
Beginner:	FSL10 3-Y		FSL 20 3-Y		FSL 30 3-Y
JR. High French or some background:	FSL 20 3-Y		FSL 30 3-Y		FSL 30 IB/H (optional)
(Arrows connect courses in each sequence/stream)					
IB/H Route:					
	Grade 10	→	Grade 11	→	Grade 12
Beginner/ ab initio:	FSL 10 WCpreIB/H ab initio		FSL 20 IB/H		FSL 30 IB/H ab initio
JR. High French or some background:	FSL 20 IB/H		FSL 30 IB/H		FSL 31 IB/H
(Arrows connect courses in each sequence/stream)					
<i>French 10 – Entry level in the FSL Program for students with little or no French background. French 20 – Entry level for students who have successfully completed Junior High School FSL program.</i>					

FRENCH LANGUAGE ARTS (FLA)

	Grade 10	→	Grade 11	→	Grade 12
	FLA10		FLA 20		FLA 30
(Arrows connect courses in each sequence/stream)					
IB/H Route:					
	Grade 10	→	Grade 11	→	Grade 12
	FLA10 WCpreIB /H		FLA 20 IB/H (HL)		FLA 30 IB/H (HL)
(Arrows connect courses in each sequence/stream)					
All former French Immersion students, who do not wish to continue in French Immersion in high school, may challenge French 30 - 9Y and take Spanish 10 IB/H should they choose to study a language.					

LATIN

	Grade 10	→	Grade 11	→	Grade 12
	Latin 10		Latin 20		Latin 30

JAPANESE

	Grade 10	→	Grade 11	→	Grade 12
	Japanese 10		Japanese 20		Japanese 30

SPANISH

STUDENTS WHO HAVE HAD PREVIOUS EXPERIENCE STUDYING SPANISH SHOULD INDICATE ON THEIR REGISTRATION CARDS HOW MANY YEARS THEY HAVE STUDIED IT AS WELL AS THEIR CURRENT GRADE.

They will be invited to take a challenge/placement exam in June in order for us to confirm their placement in the correct course.

Spanish Language and Culture 10
5 Credits Prerequisite: None

Spanish Language and Culture 20
5 Credits
Prerequisite: Spanish 10 or equivalent

Spanish Language and Culture 30
5 Credits
Prerequisite: Spanish 20 or equivalent

International Baccalaureate (IB) and Honours Spanish Language and Culture

This course sequence is intended primarily for potential IB students or honours students who wish to take the Diploma or Course Candidate Program but who have little or no instruction in Spanish.

Students who have experience in French Immersion should take this course if they wish to study Spanish.

Spanish 10 WCpreIB/H ab initio 5 Credits
Co-requisite: Register in at least one other WCpre-IB course or have studied in French Immersion

Spanish 20 IB/H ab initio 5 Credits
Prerequisite: Spanish 10 WCpreIB or equivalent

Spanish 30 IB/H(SL) ab initio
5 Credits
Prerequisite: Spanish 20IB/H or equivalent

Language B Spanish 31 IB/H Advanced (Standard Level) 5 Credits
Prerequisite: 3 - 5 years Spanish instruction or SP30 IB/H or SP 30 with teacher recommendation

Language B Spanish 35 IB/H (HL)
5 Credits
Prerequisite: Spanish 31 IB/H / Spanish speaker / or teacher recommendation

FRENCH AS A SECOND LANGUAGE (FSL)

FSL 10 - 3Y 5 Credits
Prerequisite: None

FSL 20 - 3Y 5 Credits
Prerequisite: FSL 10 or equivalent - French in Junior High

FSL 30 - 3Y 5 Credits
Prerequisite: FSL 20 or equivalent

INTERNATIONAL BACCALAUREATE (IB) FRENCH (FSL)

The ab initio program of the International Baccalaureate programme is for students with very little or no experience in French. Students wishing to follow the ab initio option will take FSL 10 WCpreIB/H, FSL 20 IB/H, and FSL 30 IB/H.

The language B program of the International Baccalaureate is for students who have had between 3 to 5 years of experience in French. Students wishing to follow the Language B option will take FSL 20 IB/H, FSL 30 IB/H (SL), and FSL 31 IB/H.

FSL 10 WCpreIB/H ab initio 5 Credits
Prerequisite: No previous or limited French instruction

FSL 20 IB/H 5 Credits
Prerequisite: FSL 10 WCpreIB or 4 to 6 years of French

FSL 30 IB/H(SL) ab initio 5 Credits
Prerequisite: FSL 20 IB/H

FSL 31 IB/H - Language B (SL) 5 Credits
Prerequisite: FSL 30IB/H (SL)

FRENCH LANGUAGE ARTS (FLA) - FRENCH IMMERSION

French Language Arts 10 **5 Credits** **Prerequisite:** FLA Grade 9

French Language Arts 20 **5 Credits** **Prerequisite:** FLA 10

French Language Arts 30 **5 Credits** **Prerequisite:** FLA 20

INTERNATIONAL BACCALAUREATE FRENCH IMMERSION PROGRAMME

Throughout the three courses of this program, students will focus on readings, research, projects and discussions dealing with their chosen branch for the IB Programme.

French Language Arts 10 WCpreIB/H
5 Credits

Prerequisite: FLA Grade 9

French Language Arts 30 IB/H (HL)
5 credits

Prerequisite: FLA 20 IB/H (HL)

French Language Arts 20 IB/H (HL)

5 credits

Prerequisite: FLA 10 WCpreIB

FLA 20 IB/H and 30 IB/H (HL)	Theory of Knowledge component:
<p>Language B – Higher Level (HL)</p> <ul style="list-style-type: none"> • Literature - a minimum of 2 works • Core: Social relationships, Communication and media, Global issues • 2 options: Health, Customs and Traditions, Leisure, Cultural diversity, Science & Technology 	<ul style="list-style-type: none"> • investigates the link between the four ways of knowing: reason, emotion, perception and language • the language acquisition course seeks to enhance intercultural understanding

LATIN

The learning of Latin opens up a door to a different way of thinking. Writers of Latin, whether of the Roman era or later, were bound by the structure of their language to different forms of expression than those of English or French writers. Reading the classical Latin writers reveals to the student the socio-political foundations of Western civilization and its origins in ancient civilization. These courses are a great prep for medical school.

Latin 10 **5 credits**

Nouns, Adjectives, Adverbs, Verbs – positive degree – complementary infinitives – commands (imperative active) – Sum interrogative words, simple questions – Pronouns (first, second, quis, quid) – Numerals one to ten – Expressions of place – Early History of Rome and civilization.

Latin 20 **5 credits**

Prerequisite: Latin 10

Nouns, Adjectives, Adverbs, Verbs – comparison degree (regular and common irregular) – all tenses of all conjugations in passive voice – third person – Demonstratives (hi/ilille) –

Datives (with adjectives, verbs, - Double Relative pronoun – Ablative absolute – Expressions of time – Caesar's Time (history, Roman army, the people) and civilization

Latin 30 **5 credits**

Prerequisite: Latin 20

Medical terms coming from Latin-Infinitives – Indirect statement Participles, deponents and semi-deponents, Subjunctives Irregular verbs – conditional sentences – indirect questions and commands – verbs of fearing – expressions of purpose. Daily Life during the Empire (the family, the home, education, food, army).

JAPANESE

Konnichiwa! Explore the fascinating Japanese culture old and new while you learn the language. This course is intended for students who are beginning their study of Japanese language and culture in senior high school. Japanese learners will have the opportunity to travel to Japan and use their new skills. Every 3 years (2020, 2023) Western Canada High School participates in a 2 week homestay exchange with Yamate Gakuin High School in Yokohama.

Japanese 10

5 Credits

Japanese 10 is for students just beginning to study Japanese. Topics include; school, daily activities, time and weather, food, hobbies, and people around me. Language acquisition and culture are integral components.

Japanese 20

5 Credits

Prerequisite: Japanese 10

Japanese 20 focuses on daily routine, clothing, travel, food, health, weather, phone conversations, festivals, sports and other fields of experiences that meet the needs and interests of the students. Emphasis is placed on continuing to learn about the culture and language acquisition.

Japanese 30

5 Credits

Prerequisite: Japanese 20

Japanese 30 is for those students who are able to demonstrate an extensive knowledge of the language and adapt to spontaneous situations. Topics include: arts, entertainment, holidays, history, the world or work, and technology. Students will continue to become global citizens by exploring Japanese culture.

FINE AND PERFORMING ARTS

Grade 10	Grade 11	Grade 12
ART		
Art 10	Art 20	Art 30
Art 10 WCpre-IB	Advanced Art 25 Art 20 IB	Advanced Art 35 Art 30 IB
DANCE		
Dance 15	Dance 25	Dance 35
DRAMA		
Drama 10	Drama 20	Drama 30
Technical Theatre 15	Technical Theatre 25 Advanced Acting 25	Technical Theatre 35 Advanced Acting 35
MUSIC		
Band 10/15AM	Band 20/25AM	Band 30/35AM
Band 10AM	Band 20AM	Band 30AM
Jr. Jazz Band 15	Jr/Sr Jazz Band 25	Jr/Sr Jazz Band 35
Jr. Jazz Combo 10	Jr/Sr Jazz Combo 20	Sr. Jazz Combo 30
Choral 10/15AM	Choral 20/25AM	Choral 30/35AM
Choral 10AM	Choral 20AM	Choral 30AM
Vocal Jazz 15	Vocal Jazz 25	Vocal Jazz 35
Electronic Music 10	Electronic Music 20	Electronic Music 30

Western Canada High School is proud of its flourishing Fine and Performing Arts Program. Each school year, 50% of the student population is enrolled in one of the Fine Arts disciplines (Art, Band, Choir, Dance and Drama). Most of the Fine Arts offerings at Western for student's entering grade 10 do not require any previous experience or pre-requisites. The one exception is that instrumental students must have previous experience either through junior high school or through private instruction. Opportunities are provided in every facet of the Fine and Performing Arts Program for students wishing to pursue excellence at higher skills levels throughout the Fine arts disciplines.

Ahead you will find information on all of the **entry-level classes available to incoming grade 10 students**. If you are continuing on at Western, please see the chart for course sequence and pre-requisites.

If you are interested in getting involved in Western's vibrant Fine and Performing Arts Program, more information can be found on our website at: www.westerncanadafinearts.com We want to help you get involved in our program, so please do not hesitate to contact any one of the Fine and Performing Arts teachers with respect to courses offered at the school. All contact information is on the website. You may also direct any questions to the learning Leader of the Fine and Performing Arts Program, Mr. Brendan Hagan at behagan@cbe.ab.ca

ART**Art 10****5 Credits****Prerequisite:** None

This course is designed to be enjoyable and challenging to students with an interest in Art. Emphasis is placed on expanding the use of creativity and problem solving. No previous art training is required but a desire to learn and an enthusiastic attitude is expected.

Art 10 is a foundation course that introduces a variety of materials and technical skills. Through a wide variety of activities and projects, students will be expected to think and act like artists in a studio setting and stretch themselves creatively. Students will work with pencil, pencil crayon, charcoals, pen and ink, pastels, water color, print making, clay and acrylic paints. Art 10 also includes developing and expanding our visual language through history and critique.

Art 10 WCpre-IB**5 Credits****Prerequisite:** None

This course follows a similar structure as the Art 10 program, and includes an Investigative Work Book (IWB) component, to develop research skills and critical thinking to prepare students for the Visual Arts 20IB program. The Visual Arts IB courses encourage students to challenge their own creative and cultural expectations and boundaries. It is a thought-provoking course in which students develop analytical skills in problem-solving and divergent thinking, while working towards technical proficiency and confidence as art-makers. In addition to exploring and comparing visual arts from different perspectives and in different contexts, students are expected to engage in, experiment with and critically reflect upon a wide range of contemporary practices and media.

Advanced Art 25**5 Credits****Prerequisite:** Art 10

Advanced Art 25 is designed to provide highly motivated students with the opportunity to have an extended exploration of personal interest in art. This course enables students to critically view themselves in relation to the world. The extensive portfolio of original work and extended art studio experience will provide students with opportunities for focused study at the post-secondary level.

Advanced Art 35**5 Credits****Prerequisite:** Advanced Art 25

In addition to concepts explored in Advanced Art 25, students will learn to:

- explore a variety of skills and techniques needed to be a successful artist
- think and behave as artists
- explore individual creativity, imagination and problems solving
- make defending qualitative judgments about art.

BAND**Band 10 - 5 credits (One Semester) and Band 15AM (Gr. 10 Concert Band) 5 Credits (Full Year)****Prerequisite:** Previous instrumental experience (school band/private study)

This is an introductory course in high school instrumental music. This course is an ensemble based music performance course. Study of technical, theoretical, historical and ensemble aspects of instrumental musicianship will be covered. Students enrolled in the Band 10 timetabled class should also be enrolled in Band 15AM (morning Concert Band) for an additional 5-credits. Band 10 is a timetabled class which runs in the first semester only. Band 15AM is for students enrolled in Band 10. Band 15AM is the morning Grade 10 Concert Band. *Band*

15AM meets on Tuesday and Friday during the AM block before school and runs for the Full Year for 5 credits.

**Band 10AM (Gr. 10 Concert Band)
5 Credits (Full Year)**

Prerequisite: Previous instrumental experience (school band/private study)

Students who are in an immersion, WCPrelB or IB programme and cannot fit Band 10 into their timetable because of a full academic schedule, should enrol in Band 10AM. **All other students should be registered in Band 10.** Band 10AM is the morning Grade 10 Concert Band. *This course meets on Tuesday and Friday during the AM block before school and runs for the Full Year for 5 credits.*

Jr. Jazz Band 15 - 5 Credits (Full Year)

Prerequisite: Must be enrolled in Band 10/ Band 15AM or Band 10AM

The Jr. Jazz Band meets on Monday and Wednesday weekly during the PM block. Students in this program study jazz music performance. History, theory, and musicianship components are intertwined in the music lessons. Students learn many styles including swing, funk, rock, bossa nova, latin. *This is a performance-based course that meets on Monday and Wednesday during the PM block and runs the full year for 5 credits.*

**Jr. Jazz Combo 10 - 3 credits (Full Year)
(Introductory - Intermediate)**

Prerequisite: Enrolled in Band 10/Band 15AM or Band 10AM

The study of jazz through performance, jazz theory, ear training and history. Students will work on basic improvisation techniques and the interpretation of different jazz styles. Jazz combo(s) will be formed within the class and the ultimate goal is to be learning and performing jazz standards. Students will develop the ability to make

intellectual critiques of jazz music repertoire through the development of their skills as listeners. *This is a performance-based course that meets on Tuesday and Thursday during the lunch block and runs the full year for 3 credits.*

CHOIR

Choral 10 - 5 Credits (One semester)

Choral 10 is an introductory course for anyone who wants to learn to sing in both ensemble and solo settings in a wide variety of styles, including musical theatre. The course encourages the development of effective vocal technique and musicianship skills, and delves into topics relating to music theory and history.

**Choral 10AMFe (Festival Chorus) and
Choral 10AMCo (Concert Choir)
5 credits (Full Year)**

No experience is required to join one of Western's performing choral ensembles. Students will learn effective vocal technique through the performance of music in a wide variety of styles, as well as music theory, history, and musicianship as they relate to the music being performed. *These are performance-based courses that meet twice a week in the AM block. Ensemble placement will be determined by Ms. Reinhardt.*

Vocal Jazz 15 - 5 Credits (Full Year)

Prerequisite: By successful audition. Must be enrolled in the Concert Choir.

The Jazz Singers is an auditioned vocal ensemble focusing on the performance of jazz and pop repertoire and learning the art of improvisation. *This is a performance-based course that meets on Mondays and Wednesdays during the PM block.*

Electronic Music 10 - 5 Credits (One Semester)

Prerequisite: None

Throughout Electronic Music 10, students will experience music in a wide variety of methods. Music history, theory, keyboard skills, and musicianship will help students to learn to create their own music in a Mac-based computer lab, making use of Ableton Live 9 Suite and MIDI keyboards.

MUSIC FEES:

Band:

Grade 10 Concert Band (Band 15AM / 10AM)

Band Enhancement fee is \$275

Grade 11 Symphonic Band (Band 25AM / Band 20AM)

Band Enhancement fee is \$275

Grade 12 Wind Ensemble (Band 35AM / Band 30AM)

Band Enhancement fee is \$275

Instrument Rental

Students who require an instrument rental can do so at the cost of \$100 through Western Canada High School (pending availability). All Percussionists and String Bass players using school instruments are required to pay the rental fee as those instruments are provided by the school. Instrument rentals are to be completed directly with the Instrumental Music Teachers at WCHS

Choral:

Festival Chorus

Choral Enhancement fee is \$100

Mixed Choir

Choral Enhancement fee is \$100

DRAMA

Drama 10 - 5 Credits (One semester)

Prerequisite: None

In this introductory course, students look at various forms of physical and contemporary theatre styles as a form of self-expression and self-reflection. High energy theatre games, the magic world of masque and clown, the bloody and political work of Greek theatre and much more is explored in this class. Students partake in workshops with professional theatre artists, attend plays as a class, and learn about group work, leadership skills, and just how their voice as a young artist will emerge.

Technical Theatre 15

5 Credits

Students learn about all the backstage 'magic' in theatres and during theatre productions. Lighting, sound design, set design and construction, hair and make-up design, publicity, and stage management are covered. Students work directly on the December production, and the various other productions throughout the year in this hands-on learning environment. This is the perfect course for those who love to be involved in theatrical productions, but not necessarily as performers. This course is also a great companion course to any of the Drama courses and can help develop an actor with knowledge of the complete theatre process.

Advanced Acting 25

5 Credits

Prerequisite: Successful audition

Upon a successful audition for the December production, students are immersed in a full theatrical production as a performer. Participants are expected to attend after school rehearsals, memorize lines, immerse themselves in their character and perform the production with the rest of the cast. Past productions include: Fiddler on the Roof, Legoland, Midsummer's Night

**SENIOR LEVELS OF ALL OF THE ABOVE COURSES ARE AVAILABLE AT WESTERN.
PLEASE SEE THE SEQUENCE OF COURSES ON THE CHART ON PAGE 23.**

Dream and You're a Good Man Charlie Brown. Auditions for this course are in early September. Students do not need to be enrolled in another drama class or have previous experience to audition.

DANCE

Dance 15

5 Credits

Prerequisite: None

Dance 15 is course for beginners and experienced dancers. Requiring no prerequisites, it is the perfect class for those who want to deepen their understanding of dance. The focus of this course is on improved movement and dance appreciation. The course will include in depth instruction in Choreography, Jazz, Lyrical and one other dance style, either Hip Hop or Latin. There is much opportunity to be creative as student choreography and performance appropriate to the dancers' levels are integral to the course.

THE FINE ARTS CERTIFICATE

PD IN THE ARTS 35

5 Credits

(Full Year)

Students who are interested in obtaining the Fine Arts Certificate need to acquire 40 Calgary Board of Education Fine Arts credits. Students may choose 35 credits from the Fine Arts courses offered at WCHS. PD in the Arts 35 may be used to complete the 40 credits. This self-directed course allows students to reflect upon the learning experiences in the Fine Arts disciplines as well as to explore aspects of being a professional artist in art, dance, drama and music. It is designed to address the skills needed in preparation for an audition, portfolio and the personal skills required to enrol in post-secondary programs or production work. The course will consist of written work including personal reflections, journals and resumes. Students will prepare a portfolio or audition and will have an exit interview. More information will be available in each of the Fine Arts areas of specialty. *This class will meet once weekly on Tuesday at lunch.*

CAREER CENTRE

The Career Centre is located in Room 152. It houses the Off-Campus Education Coordinator and the Career Practitioner, both of whom are available to assist students with career-related questions. This includes inquiries related to career exploration, occupational research, post-secondary education research, support with work search activities, and development of work search tools.

OFF CAMPUS EDUCATION

Work Experience 15/25/35

3 - 10 credits per course

Please refer to p. 29 of the Detailed High School Course Guide.

Students with a volunteer position or part time job, with a regular supervisor or manager, can earn credits for work they are doing off campus and off school timetable. Credits earned are based on the number of hours at the worksite (25 hours of work per credit).

Note: All students will be placed in HCS3000, Workplace Safety Systems. Students are required to complete this 1 credit course before work hours can begin to be counted. Previously worked hours cannot be counted. Students should see their counsellor prior to registering in Work Experience.

Registered Apprenticeship Program (RAP)

Up to 40 credits

Please refer to p. 30 of the Detailed High School Course Guide.

The Registered Apprenticeship Program (RAP) allows students to begin an apprenticeship in one of over 53 designated trades while earning their high school diploma. The goal is to achieve the first full year of apprenticeship by Grade 12 graduation. Many trades courses are available at the CT Centre (see below) to begin the RAP process. Students should see their counsellor and the Off-Campus Coordinator prior to registering in RAP.

Unique Opportunities with the CBE

The CBE partners with a variety of businesses, non-profit organizations, and post-secondary technical institutions to offer unique opportunities and dual-credit programs that combine learning with career experiences. These are continually updated throughout the year. Check with the Off-Campus Coordinator and visit the CBE website for more information:

www.cbe.ab.ca/programs/program-options/exploring-career-choices/Pages/unique-opportunities-off-campus-education.aspx

Career and Technology Centre (CTC)

Did you know that you have access to CTS courses outside of Western Canada High School? Be a student of Western and also take a course at the CT Centre. Opportunities are waiting for you!

You are invited to consider the unique, hands-on opportunities available at the Career and Technology (CT) Centre. The CT Centre is located at the Lord Shaughnessy Campus, 2336 - 53 Avenue SW (403-777-7971).

See page 34 of this booklet for an overview of the subjects offered at the CTC.

For additional opportunities to personalize your educational experience, please see the CT Centre website: <http://www.ct-centre.ca> for a more detailed outline of course offerings and additional information.

CAREER AND TECHNOLOGY STUDIES (CTS)

INTRODUCTORY LEVEL (Grade 10, 11 or 12)	INTERMEDIATE LEVEL (Grade 10, 11 or 12)	ADVANCED LEVEL (Grade 11 or 12)
Marketing & Management, Finance, Entrepreneurship & Information Technology (BIT)		
Business 1	—————>	Business 3A/B Business 4
Business 1 WC pre-IB	—————>	IB Business 2 and 3
Media, Design & Communication Arts (MDC)		
Digital Media 1	Digital Media 2 3D Animation 2	—————> Digital Media 3 —————> 3D Animation 3
Design Studies 1	—————>	Design Studies 2
		—————> Design Studies 3,4,5
Trades, Manufacturing & Transportation (TMT)		
Robotics & Computing Sci. 1	—————> —————>	Computing Sci. 2 Robotics 2
		—————> Computing Sci. 3 —————> Robotics 3
Health, Recreation & Human Services (HRH)		
Foods 1	—————>	Foods 2
		—————> Foods 3
Sports Performance 15	—————>	Sports Performance 25
		—————> Sports Performance 35
Sports Medicine 15	—————>	Sports Medicine 25
		—————> Sports Medicine 35
		TEAM Leadership/PE 30
	Legal Studies 2	—————> Legal Studies 3
(Arrows connect courses with prerequisites)		

CTS is a recommended course for Grade 10 students at Western Canada High School. All grade 10 students are eligible to pick at least one introductory course from the strands on the chart above. Students are encouraged to pick courses in one or more areas of interest. The CTS courses allow students to continue developing their digital literacy skills that are embedded throughout their course work at the high school level. Digital and information literacies are core communication competencies in the workplace and at post-secondary educational institutions. Western Canada High School proudly offers students the opportunity to select technology-based CTS courses that support student interests and abilities. Students' choices are based on availability.

INTRODUCTORY LEVEL COURSES (Level 1)**3 - 6 Credits****Prerequisite:** None**Business 1 - Discover Business Studies!**

This course is for students interested in business and considering becoming an entrepreneur or pursuing business after high school. Learn basic management and marketing concepts, as well as retail merchandising strategies and the elements of successful entrepreneurship. (5 credits)

Business 1 WC pre-IB - IB Business Management

This course is for students enrolled in IB. Students identify basic management and marketing concepts; explore organizational structures, management theories, the nature of business, organizational planning and decision making, business impacts of globalisation, and the management of change. (5 credits)

Design Studies 1 - Discover Design! This is a general introduction course for students considering a career as an Architect, Engineer, Interior Designer, or Industrial Designer. The semester begins with technical drawing – learning the communication tools used by professionals to communicate design ideas. Students then move on to learning design software such as AutoCAD and Inventor before moving on to a final project. This project uses the design process to complete a specific challenge from the area of product, furniture or industrial design. Pre-requisite course for architectural design (5 credits)

Robotics and Computing Science 1 - Introduces student to robotics and computer programming. Students will spend approximately 9 weeks in each focus area. In Computing Science, students develop skills in the C++ structured programming language, learn basic problem solving techniques, and learn fundamental computer science concepts. During robotics at the introductory / exploratory level, students learn about robotic systems and structures. Students learn to identify and build several robots and use sensors with a variety of platforms. Students learn about electrical components, build a light-following robot, and are introduced to VEX robotics and programming using RobotC. An extensive amount of practical work occurs during each of the nine week courses. This course provides prerequisites for further studies in Robotics 2 and/or Computing Science 2. (6 credits).

Communications Technology - Digital Media 1 - Digital Media Design 1 - Introduces students to the use of graphic tools, visual composition, film making, and animation. The course uses a project approach for personal, in-depth exploration of new media communications. (5 credits)

Foods 1 - Students new to the Foods program at Western will begin their Foods study from the introductory level of the curriculum. In the Foods program, work is completed using student managed learning courses. Students are expected to complete a unit of work approximately every three to four weeks. Courses include food preparation labs, teacher demonstrations, viewing of audio-visual materials, written activities and research projects. Students work through each course individually and/or with classmates with the teacher as facilitator. Each level of Foods includes five required courses of study, with the opportunity for students to earn extra credits by completing more than the required courses. The courses include: Food Basics (prerequisite course), Contemporary Baking, Snacks & Appetizers. (5 credits)

INTERMEDIATE AND ADVANCED LEVEL COURSES**GENERAL BUSINESS STUDIES****Business 3A** 5 Credits**(Not offered in 2018-2019)****Entrepreneurship and Finance****Prerequisite:** Business 1

This course is for students interested in running their own business. Develop entrepreneurial skills while engaging in hands-on activities that explore basic business concepts, marketing, advertising, finance and production. Students go through the stages of running a business venture in small groups.

Business 3B 5 Credits**Global Business****Prerequisite:** Business 1

This course introduces students to basic Business and Management principles in the national and international business environment. Topics discussed include business organisation, trade theories, the basics of international monetary and political systems, Students also touch upon HR strategy, leadership and motivation in the workplace

Business 4 - The Business Organization**Advanced Level** 5 Credits**Prerequisite:** None

This is an overview course for students enrolling in business at post-secondary. Learn about national and global organizational business structures, management theories, economics and organizations as working units. Examine business decisions from a local, provincial, national and global context.

IB BUSINESS MANAGEMENT**IB Business Management 2 and 3****Intermediate and Advance Level****10 Credits****Pre-requisite:** Business 1 WC pre-IB**Co-requisites:** IB Business 2 and 3

This course is for students enrolled in IB. Students expand on skills learned in Pre-IB Business skills in the areas of business and commerce including the exploration of topics such as; Human Resources, Accounting and Finance, Marketing, and Operations Management. Students conduct and in depth analysis of a business including: its product offering; management structure and hiring; financial position; production processes; operations and marketing strategy.

COMPUTING SCIENCE**Computing Science 2** 5+ Credits**Intermediate Level****Prerequisite:** Robotics & Computing Sci. 1

Students continue to develop their mastery of concepts of computers and programming using the C++ and Java computer languages with hands-on algorithm and program development. Students will focus on writing computer programs to solve problems. Concept includes computer science concept skills, use of functions, use of arrays and structs, file writing skills, as well as the ability to program in a second language. Strong mathematical and problem solving skills are highly recommended.

Computing Science 3**Advanced Level** 5+ Credits**Prerequisite:** Computing Science 2

Students develop mastery of advanced concepts of computers and programming using the C++ and Java computer languages with hands-on algorithm and program development. Students will learn new methods of problem solving and algorithm development. Concepts include computer science concept skills, searching and sorting methods, object oriented programming, derived classes and interfaces, as well as the ability to program with derived data types in a second language.

COMMUNICATION TECHNOLOGY

3D Animation 2 & 3 **5+ Credits**
Intermediate and Advanced Level
Prerequisite: None

In this course students explore the world of 3D Modelling and Animation techniques. You will gain a better understanding of video games design, 3D modeling and computer generated design.

Completion of this course equips students with the opportunity to gain the core skills in 3D modelling and animation, in addition to creating a valuable portfolio for post-secondary studies.

Digital Media 2 & 3 **5+ Credits**
Intermediate and Advanced Level
Prerequisite: None

The New Media communications technology courses are geared towards exploration and discovery in a personalized environment. Students will specialize in:

- Film Production
- Digital Photography
- Graphic / Web Design

NOTE: This course may be taken multiple times (Levels 2 & 3 in each strand).

DESIGN STUDIES

Design Studies 2 **5 credits**
Explore Design!
Prerequisite: Design Studies 1

This course is for students interested in designing houses and / or considering a career as an Interior Designer, Architect or Architectural Technologist. Learn AutoCAD Revit and work on a submission to a local Architectural Design Competition for the chance to win a scholarship. Finally, learn about physical 3D modelling to construct a scale model prototypes using modelling material like foam core, cardboard, and cardstock. (5 Credits)

Design Studies 3 **5 credits**
Mastering Design!
Prerequisite: Design Studies 2

Students use skills from previous levels to work on self-selected projects in industrial, architectural, or engineering design. In addition, they will identify a competition of interest in the design field they would like to enter. Students then propose, create, model and present their work using approved industry standard methodologies. Advanced Level Design Studies deals with residential design, industrial design and scale model prototyping.

ROBOTICS

Robotics is a forward-looking and exciting program that incorporates robotics and computer programming with theory, practical hands-on challenges and experience. Students build and design several different robots using circuit board fabrication and platforms such as Lego Mindstorms, VEX Robotics and Arduino.

Robotics 2 **5 Credits**
Intermediate Level
Prerequisite: Robotics and Computing Sci. 1

Robotics 2 focuses on building and design of robots and also integrates fabrication and design of printed circuit boards. Students are introduced to a variety of sensors including; gyroscopic, ultrasonic distance sensors, shaft encoders. Students incorporate these sensors into custom robot designs using two main robotics/electronics platforms which are Arduino and Vex Robotics. Programming for the robots is performed in Robot C and students develop code for autonomous and remote control robot designs. Students work on a variety of robot designs and challenges including robots that can play soccer, navigate mazes, drive through obstacle courses and even climb stairs! Overall the course is exciting and is a hands on experience, the students are working with their robots and equipment every day of the course. This course provides prerequisites for Robotics 3.

Robotics 3**5 Credits****Advanced Level****Prerequisite:** Robotics 2

Robotics 3 focuses on design of robots and allows students to further develop their knowledge and skills regarding programming, robot design and subsystems using platforms such as VEX and Arduino. Students also design, program and construct other robots and custom electronics projects.

FOODS

In the Foods program, work is completed using student managed learning courses. Students are expected to complete a unit of work approximately every three to four weeks. Courses include food preparation labs, teacher demonstrations, viewing of audio-visual materials, written activities and research projects. Students work through each course individually and/or with classmates with the teacher as facilitator. Each level of Foods includes five required courses of study, with the opportunity for students to earn extra credits by completing more than the required courses.

Foods 2**5+ Credits****Prerequisite:** Foods 1

Students will continue their study of food and food preparation at the intermediate level. The courses of study include: Stocks, Soups and Sauces; Creative Cold Foods; Bread Products; International Cuisine; Cake and Pastry.

Foods 3**5+ Credits****Prerequisite:** Foods 2

Students will continue their study of food and food preparation at the advanced level. The courses of study include: Advanced Meat Cookery, Creative Baking, Yeast Products, Nutrition and Digestion, and Regional Cuisine.

CAREER AND TECHNOLOGY CENTRE (CTC)

Introduction

The Career and Technology Centre (CTC) provides continuous access to academic, industry-standard programs, certificated journeyman instructors, facilities, and equipment for students seeking industry-standard credentials in high demand, highly skilled occupations. In journeyman trades, students can simultaneously earn credits in Career and Technology Studies (CTS) while completing equivalent Alberta Industry and Training (AIT) courses for their journeyman technical training. Many other specializations are offered and described in the course overview section below.

Students may choose at *explore*, *specialize* or *credential* levels:

- *Explore level* programs are for students seeking an introduction to an occupational field they may be interested in as a career.
- *Specialized level* programs are for students seeking local certificates or detailed study of a particular occupational field in which they have previously explored.
- *Credential level* programs are for students wishing to complete the technical training of a journeyman trade.

The Centre's programs are organized by the following *Career Clusters*:

Trades, Manufacturing & Transportation

- **Auto Body** | Auto Body Apprentice and Pre-Apprentice
- **Fabrication** | Welder Apprentice and Pre-Apprentice
- **Pre-Engineering**
- **Supply Chain Management** | Logistics

Health, Recreation & Human Services

- **Cosmetology** | Hairstylist Apprentice and Pre-Apprentice
- **Culinary Arts** | Cook Apprentice and Pre-Apprentice
- **Health Sciences** | First Responder

Natural Resources

- **Environmental Stewardship**
- **Oil and Gas Exploration**

Business, Administration, Finance, Information & Technology

- **Enterprise and Innovation**
 - **Financial Management**

Media, Design & Communication Arts

- **Communication Technology** | Broadcasting
- **Design Studies**



ACKNOWLEDGEMENTS

WESTERN CANADA HIGH SCHOOL
STUDENT REGISTRATION GUIDE
Published December 2017

Every effort has been made to ensure the accuracy of information in this guide at the time of publication. Western Canada High School reserves the right to make changes to the information contained herein, without prior notice. The courses outlined in this Registration Guide will run if sufficient enrolment levels are met.

The most up-to-date version of the WCHS Registration Guide is available on the school website: <http://schools.cbe.ab.ca/b816/>



Calgary Board
of Education

learning | as unique | as every student

In addition to the CBE values, Western Canada High School prepares and empowers students to be knowledgeable, confident, life-long learners capable of enhancing their lives and the quality of our world.



Sincere appreciation is extended to Western Canada Learning Leaders and teaching colleagues for their time and contributions to this Registration Supplement.

NOTES: