

# Senior School Course Selection Guide

WIC

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WEST ISLAND COLLEGE

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## Introduction

The purpose of this handbook is to help you plan and select your courses for the 2019/20 school year at West Island College.

This document outlines information regarding the Alberta High School Diploma, credits, course prerequisites, as well as brief descriptions of courses offered at the College.

If you or your parents have any questions regarding our programs or courses, do not hesitate to contact the school at 403-255-5300, and ask to speak to the Head of Student Services.

The academic year consists of two semesters: the first semester runs from September to the end of January; the second semester, runs from February to the end of June.

## General Course Information

### What are credits?

Credits are awarded for the successful completion of a course (final mark minimum 50%). A 5-credit course represents 125 hours of instruction. A course which is pursued for a full semester is normally worth 5 credits; a course using half this time is awarded 3 credits. Credits can be earned only once in any one class.

What are prerequisites?

A prerequisite course is one that must be successfully completed prior to proceeding to the next level of that subject. For example, you must pass ELA 10-1 before taking ELA 20-1.

How are High School courses numbered?

Generally, High School courses are numbered so that Grade 10 classes are designated as "10", e.g., Social 10-1, Science 10 and Physical Education 10.

Grade 11 classes are designated as "20", e.g., ELA 20-1, Chemistry 20 and Art 20.

Grade 12 classes are designated as "30", e.g., FLA 30-1, Chemistry 30 and Math 31.

Note: Courses are not always taken in the Grade indicated by the course number; e.g., Bio 20 can be taken in Grade 10.

## Course Selection

Students are advised to plan their High School program by taking into consideration past achievements, prerequisites, requirements for a High School diploma, and post-secondary preparation.

Students should plan a program with the assistance and approval from their parents and from the College's Administration. The school timetable allows a maximum of four courses each semester. All Senior High students are encouraged to register in a full time program to take advantage of the scope of core and complementary courses offered at the College.

### Grade 10

Grade 10 students are required to take English 10-1, FLA 10-1 (if in French Immersion), Social Studies 10-1 or Études Sociales 10-1 (if in French Immersion), Mathematics 10 Common or Mathématiques 10 (if in French Immersion), Science 10, Biology 20, Physical Education 10, along with Career and Life Management, an elective course and a second language course. Students new to WIC in Grade 10 who do not have a second language from Junior High may have a slightly different program. Grade 10 students typically maintain a full course load, i.e., four courses per semester.

### Grade 11

Grade 11 students are required to take English 20-1, FLA 20-1 (if in French Immersion), Social Studies 20-1 or Études Sociales 20-1 (if in French Immersion), Math 20-1 or Mathématiques 20-1 (if in French Immersion) and, Math 30-1, and Biology 30 if needed. Grade 11 students typically maintain a full course load (four courses per semester). This will require an elective course and a second language course (FLA, French or Spanish).

### Grade 12

Grade 12 students must take English 30-1, FLA 30-1 (if in French Immersion), Social Studies 30-1 or Études Sociales (if in French Immersion). Grade 12 students will be expected to register in a minimum of 7 courses (35 credits). Exceptions are subject to Administrative approval. Course adjustments will be considered based on available space. Careful course selection is extremely important. Students are expected to attend and complete the work required to be successful in the courses they request.

# Alberta High School Diploma Requirements

Note: These are minimum requirements

COURSES	CREDITS
English 10-1, 20-1, 30-1	15
Social Studies 10-1, 20-1, 30-1	15
Mathematics (Grade 10 & 20 level)	10
Science (Grade 10 & 20 level)	10
Physical Education 10	3
CALM 20	3
Two full courses from:	
CTS, Fine Arts, Second Languages, PE 20 or PE 30	10
Two “30” level courses (in addition to English & Social Studies)	10
Additional courses	24
<b>TOTAL MINIMUM CREDITS REQUIRED</b>	<b>100</b>

## Post-Secondary Entrance Requirements

West Island College is proud of the success our students experience at post-secondary institutions locally, nationally and globally. Entrance requirements for post-secondary institutions change continually, depending on institution and program. It is important that students plan their High School program carefully, with the assistance of our university counsellors, to ensure that they graduate with the required courses and marks to enter their desired post-secondary program.

## Bilingual Diploma Requirements

In addition to the Alberta Education Diploma, WIC also offers a Bilingual Diploma (BD). The key requirement in the French Immersion stream is that students study in two languages (French & English). The bilingual Diploma is awarded to those Grade 12 students who have successfully completed 40 credits of study in which the language of instruction was French, one DELF Diploma (B1 or B2) and the AP French Language & Culture.

COURSES	CREDITS
FLA 10-1, 20-1, 30-1	15
Études Sociales 10-1, 20-1, 30-1	15
Mathématiques 10-1, 20-1, 30-1	10

AP French Language & Culture (Grade 11)

Diplôme d'Étude en Langue Française – DELF  
B1 (Grade 9) & B2 (Grade 12)

## Advanced Placement Program

The Advanced Placement Program (AP), is a program which enables students to pursue college-level studies while still in High School. Based on their performance on rigorous AP examinations, students can earn credit, advanced placement, or both for college/university. The AP program allows High School students to take courses that are challenging, rigorous, and in-depth—exactly the kinds of courses they will face once in university.

## Student Services at West Island College

It is the mission of West Island College's Student Services to foster physical, emotional and academic well-being through learning and personal education planning. The academic and personal supports offered at WIC continue the College's tradition of learning beyond traditional curricular lines establishing the support networks and skills necessary to help students reach their full potential.

Our counsellors work with students to help them adopt a perspective that places a high priority on understanding their educational goals and how to successfully attain them, including but not limited to:

- Setting goals
- Course advising
- High School program planning
- Diploma requirements
- Support of success in courses

## Post-Secondary Advising

The Directors of Post-Secondary Advising are available to provide support and help ease the anxiety students may feel when planning for their future education. The Directors of Post-Secondary Advising are available to:

- Help students and parents understand post-secondary entrance requirements, review student plans and provide resources to help in decision-making
- Write reference letters, answer questions about application and scholarship processes, and host post-secondary representatives

## ADLC- Alberta Distance Learning Centre

ADLC is an online form of educational delivery of Alberta Education courses. West Island College facilitates this under extenuating circumstances, including timetable conflicts that prevent a student from taking a course needed for post-secondary admission or when a student would like to register for an options course that WIC does not offer. Students should consult with Student Services to discuss. Students are often given the choice of all learning being done solely online or with paper modules and coordinating the writing of exams at WIC. Students are assigned an online teacher who will provide assistance and answer questions. The assignments, assessments, grade and weighting of marks are independent of faculty and administration at WIC. A student who is registered in ADLC must complete a form obtaining approval of Student Services and the Head of Senior School. Registration fees must be paid to WIC by the student prior to registration.

## Summer School

When a student does not successfully obtain credits from a course taken at WIC, or a student wishes to upgrade their mark in a particular course, summer school is the recommended course of action. Students register through Chinook Learning to retake a class over four weeks during July. Courses are available at a number of schools within the Calgary Board of Education, located throughout the city. Students must have a prerequisite form completed by Student Services in order to register. Students are responsible for all costs associated with summer school.

## Course Offerings

### English

The English Language Arts (ELA) 10-1, 20-1, 30-1 sequence is for students who intend to go to university, or other post-secondary institutions.

### Expectations

Students at all levels will be expected to demonstrate a measured skill level in critical and creative thinking, reading, writing, listening, viewing and representing a wide variety of texts. Students are expected to maintain a regular routine of study and to complete all assignments. Maintaining a consistent routine of reading for pleasure is highly recommended.

### ELA 10-1

5 Credits

Prerequisite: ELA 9 (50%+)

There are 6 integral strands in all Alberta ELA classes: reading, writing, speaking, listening, viewing and representing. Course outcomes include using elements of these strands to respond personally, critically, and creatively to a variety of written, oral, print, visual and multimedia texts. This course also emphasizes cultivating analytical and extrapolative skills. Students will study a novel or book-length non-fiction, at least one feature film, a Shakespearean play, a variety of poems and short stories, a variety of visual texts and several essays.

### ELA 20-1

5 Credits

Prerequisite: ELA 10-1 (50%+)

This course requires students to continue to hone their analytical and extrapolative skills as they respond critically, personally and creatively to a variety of different oral, print, visual and multimedia texts. Students will study the following texts: a novel, a book-length non-fiction or feature film, a Shakespearean play, and a variety of essays, poems, short stories, and visual texts.

### ELA 30-1

5 Credits

Prerequisite: ELA 20-1 (50%+)

Students will respond to a variety of different texts in personal, critical and creative formats. In preparation for the rigours of the diploma exam and subsequent university courses, students will continue to cultivate their analytical and extrapolative skills. Required texts include the following: a novel; a book-length non-fiction or feature film; a Shakespearean play; a variety of poems, short stories, visual texts and essays; and a variety of news stories, feature articles, reviews, interviews and other informative and persuasive texts.

### English 35 AP

3 Credits

Recommended Prerequisite: English 30-1 (Final mark of 80% or Administrative approval)

English 35 AP engages the students in the careful reading and critical analysis of literature. As they read, students consider a work's structure, style, and themes as well as elements such as the use of figurative language, imagery, symbolism and tone. Writing is an integral part of the course. Writing assignments focus on the critical analysis of literature and include expository, analytical, and argumentative essays.

# French Language Arts

The French Immersion Program at West Island College is designed for continuing French Immersion students entering the Senior High School from a Junior High French Immersion program. To obtain a French Immersion Bilingual Diploma, students must earn 40 credits in courses taught in the French language over three years, 15 of which must be earned in French Language Arts.

## **FLA 10-1** **5 Credits**

Prerequisite: French Language Arts 9 (50%+)

The focus of this course is reading comprehension, writing, listening and speaking, at an advanced level. The language of instruction in the classroom is French. Students may study up to two novels, one play and numerous other texts for reading comprehension. Oral and written assignments are assigned throughout the term.

## **FLA 20-1** **5 Credits**

Prerequisite: French Language Arts 10 (50%+)

The focus of this course is on reading comprehension, writing, listening and speaking, although at a more advanced level. The language of instruction in the classroom is French. Students may study up to two novels, one play and numerous other texts for reading comprehension. Oral and written assignments are assigned throughout the term.

## **FLA 30-1** **5 Credits**

Prerequisite: French Language Arts 20 (50%+)

In the final year of the FLA program, students again focus on reading comprehension, writing, listening and speaking, all at an advanced level. The language of instruction in the classroom is French. Students will analyze various types of literary texts as well as perfecting their writing skills. Students may study up to two novels, one play and numerous other texts for reading comprehension. Oral and written productions are assigned throughout the term.

# Social Studies

The Social Studies 10-1, 20-1, 30-1 sequence is for students who intend to go to university or other post-secondary institutions. This program is offered in both the French and English languages.

## **Expectations**

Students at all levels are expected to develop the key values,

attitudes, knowledge, understanding, skills and competencies necessary to become active and responsible citizens who are engaged in the democratic process and aware of their capacity to effect change in their communities, society and world.

## **Social Studies** **5 Credits**

### **/Études Sociales 10-1**

Prerequisite: SS/ES 9 (50%+)

Students explore multiple perspectives on the origins of globalization and the local, national and international impacts of globalization on identity, lands, cultures, economies, human rights and quality of life.

## **Social Studies** **5 Credits**

### **/Études Sociales 20-1**

Prerequisite: SS/ES 10-1 (50%+)

Students explore the complexities of nationalism in Canadian and international contexts. They will study the origins of nationalism and the influence of nationalism on regional, international and global relations. The infusion of multiple perspectives will allow students to develop understandings of nationalism and how nationalism contributes to the citizenship and identities of peoples in Canada.

## **Social Studies** **5 Credits**

### **/Études Sociales 30-1**

Prerequisite: SS/ES 20-1 (50%+)

Students investigate the history and principles of various ideologies, with the overriding theme of liberalism and the perspective it provides on all other ideologies. Students must develop skills involving source interpretation and the development of arguments which are assessed on the Diploma Exam.

# Mathematics

The Mathematics 10C, 20-1, 30-1 sequence is for students who intend to go to university or other post-secondary institutions. This program is offered in both the French and English languages to the Grade 11 level.

## **Mathematics/Mathématiques 10C** **5 Credits**

Prerequisite: Math 9 (50%+)

This is a common Grade 10 mathematics course for students who have successfully completed Grade 9 Math. Topics include measurement, trigonometry, polynomial operations and factoring, linear relations, functions and systems of equations.

## Mathematics/Mathématiques 20-1 5 Credits

Prerequisite: Math 10C (Recommended 70%+)

Topics include sequences and series, quadratic functions and equations, absolute value and radical expressions and equations, factoring polynomials, radical and rational expressions and equations, trigonometry (angles, primary trigonometric ratios, cosine law and sine law), reciprocal functions, linear and quadratic inequalities in one and two variables.

## Mathematics 30-1 5 Credits

Prerequisite: Math 20-1 (Recommended 70%+)

Topics include exponential and logarithmic functions and equations, trigonometric and circular functions and equations, trigonometric identities, operations on, and compositions of functions, inverses of relations, permutations, combinations and binomial theorem.

## Mathematics 31 5 Credits

Prerequisite or co-requisite: Math 30-1 (Recommended 70%+)

This course is for students who want an introduction to Calculus. It is intended for students who will pursue more education in mathematics, or science at university. Students must possess a high degree of motivation towards mathematics, have excellent work habits and have a strong math background. Content includes pre-calculus, limits, derivatives, integration and applications.

## Mathematics 35 AP 3 Credits

Must be taken in same school year as Math 31.

Recommended Prerequisite: Math 31 (Final mark of 80% or Administrative approval)

Mathematics 35 AP provides students with exceptional ability, or interest the opportunity to pursue more advanced levels of study in Calculus. This course has a broad scope and is a highly demanding intellectual course.

# Science

## Science 10 5 Credits

Prerequisite: Science 9 (50%+)

Science 10 is an integrated academic course that is necessary for the understanding and application of the fundamental concepts and skills common to Biology, Chemistry and Physics. It is the prerequisite course leading to Biology 20, Chemistry 20 and Physics 20.

- Science 10 consists of four units of study:

- Matter and Energy in Chemical Change (Chemistry)
- Energy Flow in Technological Systems (Physics)
- Cycling of Matter in Living Systems (Biology)
- Energy Flow in Global Systems (Environmental Science)

## Biology 20 5 Credits

Prerequisite: Science 10 (50%+)

Biology 20 consists of four units of study:

- Energy and Matter Exchange in the Biosphere
- Ecosystems and Population Change
- Photosynthesis and Cellular Respiration
- Human Systems

## Biology 30 5 Credits

Prerequisite: Biology 20 (50%+)

This course build on knowledge & skills learned in Science 10 & Biology 20 and consists of four main units of study.

- Nervous and Endocrine Systems
- Reproduction and Development
- Cell Division, Genetics and Molecular Biology
- Population and Community Dynamics

A strong lab component is incorporated to support theoretical concepts.

## Biology 35 AP 3 Credits

Recommended Prerequisite: Biology 30 (Final mark of 80% or Administrative approval)

Biology 35 AP is a university level course that expands on the scientific knowledge and skills provided by Biology 20 and 30. It dives deep into four major themes: Energy & Matter, Evolution, Information Transfer & Storage, and Biological Interactions. In addition, there is a strong lab component that will develop students' science skills & critical thinking. This course prepares students well who intend to pursue biology, kinesiology, or health sciences at the post-secondary level.

## Chemistry 20 5 Credits

Prerequisite: Science 10 (50%+)

Chemistry 20 consists of four units of study:

- The Diversity of Matter and Chemical Bonding

- Forms of Matter: Gases
- Matter as Solutions, Acids and Bases
- Quantitative Relationships in Chemical Changes

## Chemistry 30 5 Credits

Prerequisite: Chemistry 20 (50%+)

Chemistry 30 consists of four units of study:

- Thermochemical Changes
- Electrochemical Changes
- Chemical Changes of Organic Compounds
- Chemical Equilibrium Focusing on Acid-Base Systems

## Chemistry 35 AP 3 Credits

Recommended Prerequisite: Chemistry 30 (Final mark of 80% or Administrative approval)

Chemistry 35 AP expands the scientific and related technological knowledge and skills provided by Chemistry 30 that will enable students to further understand and interpret their world. It also provides an important introduction to a range of fundamental topics such as: atomic theory and atomic structure, chemical bonding, nuclear chemistry, gases, liquids and solids, solutions, reaction types, stoichiometry, equilibrium, kinetics and thermodynamics.

## Physics 20 5 Credits

Prerequisite: Science 10 (50%+)

Physics 20 consists of four units of study:

- Kinematics
- Dynamics
- Circular Motion, Gravitation and Energy
- Periodic Motion and Waves

## Physics 30 5 Credits

Prerequisite: Physics 20 (50%+), Math 20-1 (50%+)

Physics 30 consists of four units of study:

- Momentum and Impulse
- Forces and Fields
- Electromagnetic Radiation
- Atomic Physics

## Physics 35 AP 5 Credits

Recommended Prerequisite: Physics 30 (Final mark of 80% or Administrative approval)

Physics 35 AP expands the scientific and related technological knowledge and skills provided by Physics 30 that will enable students to further understand and interpret their world. It also provides an important introduction to a range of fundamental concepts not included in the Physics 30 course, such as thermodynamics, electrical circuit theory and fluid dynamics.

# International Languages

## Second Language Program

### 3 Year Program

## French 30 15 Credits

Prerequisite: French 9 (85%+)

Note: Students who studied French at WIC in Junior High School will have the option to register in French 30 – 3Y and, upon successful completion of a challenge exam, will receive 5 credits each but no mark for French 10 and 20. This will show as a pass or fail on their final transcript.

This is an accelerated program where students will have the opportunity to improve their communication skills in the French language. Themes to be covered include sports, art and artists, housing, fashion and traveling. Comparisons, superlative, object pronouns and verb tenses: (the imperfect, the future, and the conditional) will also be studied.

## Spanish 30 15 Credits

Prerequisite: Spanish 9 (85%+)

Note: Students who studied Spanish at WIC in Junior High School will have the option to register in Spanish 30 – 3Y and, upon successful completion of a challenge exam, will receive 5 credits each but no mark for Spanish 10 and 20. This will show as a pass or fail on their final transcript.

This is an accelerated program where students will continue their study of Spanish to improve and develop their speaking, listening, reading and writing skills. Themes to be covered include: arts, entertainment and literature, music, relationships (friends/ clubs/ activities/sports/hobbies), celebrations (cultural), driving, folk tales, legends and fables, children's games/ childhood activities, technology, the world of work, and the environment.

Grammatical topics covered include: preterite, imperfect, future, conditional and subjunctive tenses. Commands, indirect object pronouns, comparatives and superlatives will also be covered.

## 6 Year Program (new)

### French 10

5 Credits

Prerequisite: French 9 (60%+)

This is the fourth year of a six-year continuous program. Students wishing to continue studying and improving their language skills, and specifically the oral component throughout their high school years are encouraged to take this program. Students will gain a deeper understanding of more advanced grammatical topics and gain a wider range vocabulary.

### French 20

5 Credits

Prerequisite: French Language Arts 10 (50%+)

This is the fifth year of a six-year continuous program. Students wishing to continue studying and improving their language skills, and specifically the oral component throughout their high school years are encouraged to take this program. Students will gain a deeper understanding of more advanced grammatical topics and gain a wider range vocabulary.

### French 30

5 Credits

Prerequisite: French 20 (50%+)

This is the sixth year of a six-year continuous program. Students wishing to continue studying and improving their language skills, and specifically the oral component throughout their high school years are encouraged to take this program. Students will gain a deeper understanding of more advanced grammatical topics and gain a wider range vocabulary.

### Spanish 10

5 Credits

Prerequisite: Spanish 9 (60%+)

This is the fourth year of a six-year continuous program. Students wishing to continue studying and improving their language skills, and specifically the oral component throughout their high school years are encouraged to take this program. Students will gain a deeper understanding of more advanced grammatical topics and gain a wider range vocabulary.

### Spanish 20

5 Credits

Prerequisite: Spanish 10 (50%+)

This is the fifth year of a six-year continuous program. Students wishing to continue studying and improving their language skills,

and specifically the oral component throughout their high school years are encouraged to take this program. Students will gain a deeper understanding of more advanced grammatical topics and gain a wider range vocabulary.

### Spanish 30

5 Credits

Prerequisite: Spanish 20 (50%+)

This is the sixth year of a six-year continuous program. Students wishing to continue studying and improving their language skills, and specifically the oral component throughout their high school years are encouraged to take this program. Students will gain a deeper understanding of more advanced grammatical topics and gain a wider range vocabulary.

## Language Challenge Assessment Policy

A challenge assessment is a means of receiving credits and a final mark for a second languages course in which students already possess the knowledge, skills and attitudes identified in the Program of Studies and when it is in the student's best interest.

## Social Science Options

These courses are offered as challenging options to students who have an interest in the Social Sciences. They are not intended as alternatives to the regular Social Studies classes, nor can they be used to fulfill Social Studies credit requirements for Alberta Education.

### International Politics 30

6 Credits

### /Western World History 30

No Prerequisite

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 and balance of power, territorial rivalry, ideological rivalry, international conflict and international economic relations brings about this understanding.

Western World History 30 emphasizes the general narrative of European history from approximately 1450 to today. The course includes an examination of the political, social, economic, intellectual, cultural, and diplomatic history of modern Europe.

## European History 35 AP

3 Credits

Prerequisite: Western World History 30 (Recommended 80% or Administrative approval)

European History 35 AP covers Western history from the Renaissance until the present – with a focus on social, intellectual and art history and the development of source interpretation skills. In addition to covering all topics at a university level, the AP course emphasizes university level skills of essay writing, debate and seminar discussion.

## General Psychology 20

6 Credits

### /Experimental Psychology 30

No Prerequisite

Psychology 20 is designed to help one understand more fully the reasons that underlie human behaviour. This general psychology course traces the historical schools of psychological thought and examines principles of learning, thinking, frustration and conflict, and explains behaviour disorders and their treatment.

Experimental Psychology 30 builds on the knowledge gained in Psychology 20. Students will examine the history of experimental psychology, conditioning, personality, mental illness and the application of psychology in our world.

## Psychology 35 AP

3 Credits

Recommended Prerequisite: Psychology 30 (Final mark of 80% or Administrative approval)

Psychology AP is designed to continue and extend the study of the systematic and scientific study of the behaviour and mental processes of human beings. Students will assess some of the varied approaches adopted by psychologists, including the biological, behavioural, cognitive, humanistic, psychodynamic, and sociocultural perspectives. The course stresses critical thinking, reading and writing within the context of scientific methodology, and questioning.

## Religious Meanings 20 /World Religions 30

6 Credits

No Prerequisite

Religious Meanings 20 explores the ways humankind searches for religious meaning through text, practice, experience and ritual. By the end of the course, students will identify the origins and tenets of various religions, relate the practices and rituals of religions to the lives of individuals, and explain the difference between sacred writings and oral teachings. This course allows students

to develop skills in researching and investigating religious related topics.

World Religions 30 will introduce students to an exploration of religions around the world: Buddhism, Christianity, Hinduism, Islam, Judaism and Sikhism.

## Physical Education

In the new millennium, it has become increasingly evident that personal health and fitness are key components in today's society. A well-balanced physical education program, contributes to the development of the physical, intellectual, social and emotional aspects of the individual student. WIC's PE program is co-educational.

## Physical Education 10

3 Credits

No Prerequisite

PE 10 is a compulsory course for Grade 10 students as it is a required course for the Alberta High School Diploma.

There are fees associated with this program which cover guest presenters and off-campus activities. Students can expect to engage in several activities which may include, but are not limited to:

- Aikido
- Badminton
- Basketball
- Bowling
- CPR and First Aid
- Cross Training
- Curling
- Dance (compulsory)
- Field Games
- Fitness
- Floor Hockey
- Football
- Inline Skating
- Low Organized Games
- Racquetball
- Rugby
- Slow-Pitch
- Soccer
- Squash
- Swimming
- Table Tennis
- Tennis
- Track and Field
- Ultimate Frisbee
- Volleyball
- Yoga

## Physical Education 20

5 Credits

Prerequisite: Physical Education 10 (50%+)

## Physical Education 30

5 Credits

Prerequisite: Physical Education 20 (50%+)

The focus of the Physical Education 20/30 program is centered on a series of lifelong activities. This focus is comprised of activities that take place mostly off campus. The program is designed to

provide students with exposure to a wide variety of potential lifelong activities. These activities may include:

- Bowling
- Canoeing
- Fitness
- Flag Football
- Golf
- Hiking
- Kayaking
- Leadership Component
- Low Organized Games
- Racquetball/Squash
- Rugby
- Sailing
- Slow-Pitch
- Swimming
- Table Tennis
- Track and Field
- Tennis
- Ultimate Frisbee
- Wall Climbing
- Weight Training

## Sports Medicine 15 5 Credits

No Prerequisite

Sports Medicine is a hands-on course offering practical application and science-based knowledge. Sports Medicine is comprised of five one-credit CTS modules for a total of 5 credits for the course. Sports Medicine is a logical beginning for those students who are interested in such career pathways as Athletic Therapy, Physiotherapy, Occupational Therapy, Nursing, Chiropractic, Medicine, Kinesiology, Physical Education, Fire Fighter, Pro Athlete/Coach, Paramedic (EMR/EMT), Fitness Instructor, Massage Therapy, Nutrition or any other of the many Medical and Sport Sciences.

## Sports Performance 15 5 Credits

No Prerequisite

## Sports Performance 25 5 Credits

No Prerequisite

Sports Performance is a series of one credit CTS courses bundled together which can assist students to reach their athletic potential in their chosen sport(s). Students should be athletes at a competitive level who are serious about improving their speed, power, agility, flexibility, endurance and core stability. Athletes will participate in a variety of fitness programs designed to emphasize the attributes needed for their sport. They will also explore other avenues related to sport performance including nutrition, training techniques and understanding of the current trends in the fitness and sport development industry.

## CALM 20 3 Credits

Career and Life Management is a compulsory course required for the Alberta High School Diploma. At West Island College, CALM is

offered in Grade 10 in conjunction with PE 10.

The CALM curriculum is organized into three major units:

- Personal Choices
- Resource Choices
- Career and Life Choices

Emphasis is placed on individual decision-making and goal setting throughout the course.

Included in the Personal Choices unit is a human sexuality component. Parents will receive information about this unit and the option of an alternative to the classroom instruction should they so choose.

## Fine Arts

### Visual Arts Program

## Art 10 5 Credits

No Prerequisite

This course is designed to be enjoyable and challenging to students with an interest in visual art. Emphasis is placed on skill development, media exploration, and conceptual understanding. Students will build on their own abilities and will be introduced to how to think and behave as an artist while recognizing the existence and value of art within society.

## Art 20 5 Credits

Prerequisite: Art 10 (50%+.)

Art 20 will allow students to explore and expand their creativity through an advanced understanding of various mediums, skills, and techniques. Emphasis is placed on inquiry and developing critical thinking skills in order to evaluate student's own art and art in the world around them. Art history is incorporated into project assignments and field trips to support curriculum focus are included where possible.

## Art 30 5 Credits

Prerequisite: Art 20 (50%+)

Art 30 builds on the two previous levels of media use and skill building. Students who are serious about creativity and critical thinking are encouraged to participate. Emphasis will be on a more personal, cultural, historical and political context when

creating work. Art History, research, written work, and critiques are included. Students enrolled in Art 30 will be studying more art history than students enrolled in Art 20 and field trips to support curriculum focus are included where possible.

## Art 31

5 Credits

Prerequisite: Art 30 (50%+)

This course examines the impact of international influences and technology on modern art and, in turn, modern art's impact on society. It emphasizes the contemporary point of view of society and explores contemporary practicing artists. When possible, students are encouraged to attend gallery shows as well as to participate in field trips to galleries and cultural events.

## Music Program

### Band 10/20/30

5 Credits

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

This is an advanced course in High School instrumental music which builds directly on the skills developed throughout the Junior High School band program. Technical, theoretical, historical and ensemble aspects of instrumental musicianship will be covered. Students enrolled in the Senior Band program will be timetabled outside of the regular timetable in the AM block.

## Theatre Arts Program

### Drama 10

5 Credits

No Prerequisite

Creativity and collaboration are the cornerstones of this course. Professional guest artist workshops and field trips to see live theatre enrich our community and pave the way for future artists. Spontaneous acting, character development and creation are practiced through improv, movement and half-mask. Students will study ancient Greek text and create their own Greek Theatre scenes using classic conventions. Using contemporary theatre scripts students will refine their acting skills. The course culminates with students devising their own theatre experimental performances.

### Drama 20

5 Credits

Prerequisite: Drama 10 (50%+)

Building on foundational skills learned in Drama 10, artists in Drama 20 will further push personal process and take risks during

performance. Roots of physical comedy is explored through the modality of clown. Speech and text from Shakespeare will be studied and remixed to create a contemporary performance. Students will learn the art form of playwrighting by creating scenes for the Drama 10 class to perform. In addition to viewing life theatre and collaborating with guest artists, students will experiment with contemporary performance creation and site-specific theatre creation.

### Drama 30

5 Credits

Prerequisite Drama 20 (50%+)

Furthering their artistic expression students in Drama 30 will elevate their personal practices and prepare themselves for high-level performances. Drama 30 hinges on mentorship and forging important professional relationships with artists. Students in Drama 30 are leaders in the program and community paving the way for other emerging artists. Poetry and movement performances, studying and performing Contemporary Canadian Theatre and auditioning and acting on camera are key tenets of this course. The course culminates with designing and directing a 15-minute scene for the Drama 30 Directing Showcase.

### Advanced Acting 15/25/35

5 Credits Each

Prerequisite: completion of a successful audition

Students enrolled in Advanced Acting will be immersed in an intensive actor program that centers around the production of a play. Students will only be admitted to the class through a successful audition and will then be expected to commit to after school rehearsals and preparation time. The course culminates with live theatre performances for peers and the community. Students will explore theatre through a variety of techniques based on a professional theatre model and depending on the style of the play we are producing at the time. Students will learn about ensemble work, theatre etiquette, creative process, the importance of focus and commitment in rehearsal and performance and will be expected to contribute to the building of the theatre community at WIC.

### Technical Theatre 15/25/35

3 Credits Each

\*Prerequisite is completion of a successful application process

Students in Technical Theatre will be immersed in an intensive technician training program that centers around the production of a play. Students will only be admitted to the class through a successful interview and will then be expected to commit to after school rehearsals and preparation time. The course will explore theatre through a variety of techniques based on a professional theatre model and depending on the style of the play we are

producing at the time. Students will learn about ensemble work, theatre etiquette, creative process, the importance of focus and commitment in rehearsal and performance and will be expected to contribute to the building of the theatre community at WIC. Students will participate in executing design and operations of a live theatre performance in front of their peers and community. This is the perfect course for those who love to be involved in theatrical productions but are not necessarily interested in being performers.

Note: This course is only offered outside of the regular timetable

## Business/Computers

### Entrepreneurship 10 6 Credits

No Prerequisite Grade 10, 11, and 12

This course is designed to help students develop the skills, knowledge and attitudes required to help increase their entrepreneurial and leadership skills in the business world; students will be introduced to a variety of business programs. This course is designed to help students develop the skills, knowledge and attitudes required to increase their entrepreneurial and leadership skills. There are main topics covered by this course are: accounting, marketing, organizational behaviour, business ethics, management and design thinking.

### Computer Studies 5 Credits

No Prerequisite Grade 11 and 12

Students will explore foundational concepts in computer science through collaboration, creativity, and engaging challenges. Course topics include computer history and ethics, algorithms, cryptography, data management, programming languages, web development, as well as, app and game design. Students will receive five Alberta Education Career and Technology Studies credits upon completion, and will build relevant digital skills that will aid in their future education and career pathway.

### Economics 30 6 Credits

No Prerequisite Grade 10, 11, and 12

Not everyone has to be an economist, but everyone should have some knowledge about the economy. This course is designed to create this reality, by providing each student with an overview of the main concepts of Micro and Macro Economics. Students will

also explore some personal financial management topics through readings, videos and guest presenters.

### Micro Economics 35 AP 3 Credits

Recommended Prerequisite: Economics 30 (Final mark of 80% or Administrative approval)

The purpose of Micro Economics AP is to give students a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the economic system. It places primary emphasis on the nature and functions of product markets, and includes the study of factor markets and of the role of government in promoting greater efficiency and equity in the economy.

### Macro Economics 35 AP 3 Credits

Recommended Prerequisite: Economics 30 (Final mark of 80% or Administrative approval)

The purpose of Macro Economics AP is to give students a thorough understanding of the principles of economics which apply to an economic system as a whole. Such a course places particular emphasis on the study of national income and price determination and also develops students' familiarity with economic performance measures, economic growth, and international economics.



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The graduation year is the culmination of the High School journey; however, the WIC journey does not end here as these students become our newest group of WIC alumni. Graduates are ready in all regards for their post-secondary experiences - connecting their passion to purpose. Students in French Immersion will also graduate with their Bilingual Diploma

10

Introduction to High School and the black blazer marks an increase in independence and rigour, and opens doors to higher level experiential opportunities. An increased focus on responsible decision-making, post-secondary research and leadership is expected in this grade. Students will also complete their Second Language courses.

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This is the accelerated academic year with introduction to diploma exams and Advanced Placement courses; this is also referred to as the year of specialization and post-secondary and scholarship research. Community service and the acquisition of experiences in the Institute Program is a highlight of this year.

# West Island College 3 year Planner

Name:	Grade:
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Date:
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Career Plan:

Education Plan:

### Grade 10

Course	Mark	Credit

### Grade 11

Course	Mark	Credit

### Grade 12

Course	Mark	Credit

**Alberta High School Diploma Requirements**

(Note: These are minimum requirements)

COURSES	CREDITS
English 30-1	15
Social Studies 30-1	15
Mathematics (grade 10 & 11 level)	10
Science (grade 10 & 11 level)	10
Physical Education 10	3
CALM	3
Two Courses from: CTS, Fine Arts, Second Languages, PE 20 or PE 30	10
Two "30" Level courses (in addition to English and Social Studies)	10
Additional courses	24
<b>TOTAL CREDITS REQUIRED</b>	<b>100</b>