

Senior School Registration Guide



Introduction

The purpose of this booklet is to help you plan your courses for the school year at West Island College. It contains information regarding the Alberta High School Diploma, credits, prerequisites and course sequences, as well as brief descriptions of courses offered at the College.

If you or your parents have 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 Senior School, or the Head of Student Services.

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

General Course Information

What are credits?

Credits are awarded for the successful completion of a course (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 will be 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., Chemistry 30, Math 31 and Drama 30.

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

Registration and Course Selection

Students are advised to plan their High School program by taking into consideration past achievement, prerequisites, requirements for a High School diploma, and post-secondary plans. Students should plan a program with assistance and approval from 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 program to take advantage of the scope of core and complementary courses offered at the College.

Grades 10 Course Selection

In Grade 10 at West Island College, students are encouraged to take English 10-1, Social Studies 10-1, Mathematics 10 Common, Science 10, Biology 20, Physical Education 10, along with Career and Life Management, an option and a second language course (FLA, French or Spanish). 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 are expected to maintain a full course load, i.e., four courses per semester.

Grade 11

In Grade 11 at West Island College, students are encouraged to take English 20-1, Social Studies 20-1, Math 20-1, Math 30-1, FLA 20 (if in French Immersion) and Biology 30. Grade 11 students are expected to maintain a full course load, i.e., four courses per semester. This will require additional options to those already suggested.

Grade 12

In Grade 12 at West Island College, you must take English 30-1, Social Studies 30-1, and FLA 30 (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 to do 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 & 11 level)	10
Science (Grade 10 & 11 level)	10
Physical Education 10	3
CALM	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

TOTAL MINIMUM CREDITS REQUIRED 100

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 to ensure that they graduate with the required courses and marks to enter their desired post-secondary program.

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

Academic Counselling

West Island College Student Services works 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:

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

Post-Secondary Advising

WIC’s 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 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

Course Offerings

English

The English Language Arts 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 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.

ELA 10-1

5 Credits

Prerequisite: ELA 9 (50%+)

Reading, writing, speaking, listening, viewing and representing are integral strands in this course. Outcomes include responding personally, critically, and creatively to literature as well as oral, print, visual and multimedia texts. Analytical and extrapolative skills are emphasized in this course. Students will study the following texts: a novel or book-length non-fiction, at least one feature film, a Shakespeare 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 analytical and extrapolative skills as students respond critically, personally and creatively. Textual materials include oral, print, visual and multimedia. Students will study the following texts: a novel, a book-length non-fiction or feature film, a Shakespeare play, a variety of poems, short stories, visual texts and essays.

ELA 30-1

5 Credits

Prerequisite: ELA 20-1 (50%+)

Students use a variety of texts and respond personally, critically and creatively. Analytical and extrapolative skills development enables students to handle the rigours of the diploma examination and subsequent university courses and other post-secondary work. Students will study the following texts: a novel or book-length non-fiction, at least one feature film or modern play, a Shakespeare play, a variety of poems and short stories, essays and visual texts. A study of popular non-fiction including news stories, feature articles, reviews, interviews and other forms of informative and persuasive text is also required.

English 35 AP

3 Credits

Prerequisite: ELA 30-1 (Recommended 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.

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 processes 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 /Études Sociales 10-1

5 Credits

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 /Études Sociales 20-1

5 Credits

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 /Études Sociales 30-1

5 Credits

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 passed 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 (50%+)

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 (50% +, 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**

Prerequisite: Math 31 (Recommended 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%+)

Biology 30 consists of four units of study:

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

Biology 35 AP

3 Credits

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

Biology 35 AP expands the scientific and related technological knowledge and skills provided by Biology 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: Phylogeny and Classification of Organisms, Genetics and Plant Physiology.

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

Prerequisite: Chemistry 30 (Recommended 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

Prerequisite: Physics 30 (Recommended 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

French Immersion Program

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 45 credits in courses taught in the French language over three years, 15 of which must be earned in French Language Arts.

French Language Arts 10 **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.

French Language Arts 20 **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.

French Language Arts 30 **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.

Second Language Program

French 30 **5 Credits**

Prerequisite: French 9 (50%+)

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.

Note: Students who studied FSL at WIC in Junior High School will be registered in French 30 and, upon successful completion, will receive credit but no mark for French 10 and 20.

Spanish 30 **5 Credits**

Prerequisite: Spanish 9 (50%+)

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.

Note: Students who studied Spanish in Junior High at WIC will be registered in Spanish 30 and, upon successful completion, will receive credits but no mark for Spanish 10 and 20.

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/Western World History 30 **6 Credits**

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 / Experimental Psychology 30 **6 Credits**

No Prerequisite

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

Pre-requisite: Psychology 30 (Recommended 80% or Administrative approval)

Psychology AP is designed to continue and extend the study of the systematic and scientific study of the behavior and mental processes of human beings. Students will assess some of the varied approaches adopted by psychologists, including the biological, behavioral, 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 is a key component 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	Low Organized Games
Badminton	Raquetball
Basketball	Rugby
Bowling	Slow-Pitch
CPR (compulsary) and First Aid	Soccer
Cross Training	Squash
Curling	Swimming
Dance (compulsory)	Table Tennis
Field Games	Tennis
Fitness	Track and Field
Floor Hockey	Ultimate Frisbee
Football	Volleyball
Inline Skating	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	Sailing
Canoeing	Slow-Pitch
Fitness	Swimming
Flag Football	Table Tennis
Golf	Track and Field
Hiking	Tennis
Kayaking	Ultimate Frisbee
Leadership Component	Wall Climbing
Low Organized Games	Weight Training
Raquetball/Squash	
Rugby	

Sports Medicine 15 **5 Credits**

No Prerequisite

Sports Medicine is a hands-on course offering practical application and science-based knowledge. Sports Medicine 10 is a 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 expanding use of the creative imagination. No previous art training is required. Basic skills in drawing, painting, design and craftsmanship are developed through a variety of assignments.

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 skills and techniques. Students can look forward to working with paint, fabric dye and sculptural materials. Students are encouraged to choose the direction which best suits their learning needs for each project; this encourages the organization of a working Artist Portfolio.

Art 30

5 Credits

Prerequisite: Art 20 (50%+)

Many projects at this level are individually assigned to students depending on their interests and portfolio needs. Emphasis is placed on portfolio development. Artists at this level often undertake larger, more advanced and skilled projects. Entrance requirements are a focus for students applying to post-secondary art institutions.

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.

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

In this introductory course, students explore various forms of physical and contemporary theatre styles as a form of self-expression and self-reflection. High energy theatre games, Commedia dell'arte, character development and collaboration with Drama 20 / 30 students will help students hone their performance skills. Students may also attend workshops with professional theatre artists, and attend plays as a class.

Drama 20

5 Credits

Prerequisite: Drama 10 (50%+)

Students in Drama 20 will immerse themselves in the world of theatre through scene study, playwriting, and other units designed to improve acting technique, writing skills, and directing skills. Students will participate in workshops with professional theatre artists, attend plays together and work with professionals creating the set for the annual theatre production. Drama 20 students also perform in Drama 30 directing projects giving them more opportunities to hone their craft as performers.

Drama 30

5 Credits

Prerequisite Drama 20 (50%+)

This challenging course takes drama students to a pre-professional level. Students work as mentors for Drama 10 and 20 students as well as learning about the world of directing and taking charge of their own production. Drama 30 students will have the opportunity to present the projects to the community at the end of the semester.

Students take part in workshops in stage combat, attend plays as a class and are also encouraged to see theatre on their own and take part in theatre outside of school and the classroom.

Technical Theatre 15/25/35

5 Credits Each

This course teaches students about the backstage work in theatre: lighting, sound design, set design and construction, hair and make-up design, publicity, and stage management. Students work directly on the December production and the 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 are not necessarily interested in being performers.

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

Business Institute

Purpose

To provide each and every student the opportunity to engage in a business program with the intention of preparing them to have success at the post-secondary level.

Program Overview

Students may start participating in the program in Grade 7 and will be required to meet a number of criteria to be eligible for the West Island College Business Institute Certificate. The current program consists of five modules:

Module A: Business Institute Courses

Module B: Business / Leadership Experience

Module C: Business Clubs and Activities

Module D: Post-Secondary Partnership with University of Calgary Haskayne School of Business

Module E: Project-Based Business Plan

Business Institute Courses

Business 10

6 Credits

No Prerequisite
Grade 10, 11, 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. Course topics will include Enterprise and Innovation, Financial Management, and Marketing and Management. There will be six one-credit Career and Technology Studies (CTS) courses offered in this class with part of the course is designed to encompass the Junior Achievement program, which helps young people appreciate and better understand the role of business in our society. Students will organize and operate an actual business enterprise, involving the creation of a business plan and the drafting of a final shareholders' report. A major marketing assignment is included in this program

of studies. Accounting will make up a large component of the course, addressing concepts such as income statements, cash flows, financial statements, balance sheets, journal entries, general ledgers, trial balances, and accrual accounting.

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

Prerequisite: Economics 30 (Recommended 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

Prerequisite: Economics 30 (Recommended 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.

Health Sciences Institute

Purpose

To provide each and every student the opportunity to engage in a health sciences program with the intention of preparing them to have success at a post-secondary level.

Program Overview

Students may start participating in the program in Grade 7 and will be required to satisfy a number of criteria in order to be eligible for the West Island College Health Science Institute Certificate. The current program consists of five modules:

Module A: Health Science Institute Courses

Module B: Health Science and Leadership Experiences

Module C: Health Science Clubs and Activities

Module D: Post-Secondary Experiences at the University of Calgary

Module E: Community Service Learning

Health Science Institute Courses

Students will be required to complete any four of the following 30-level courses as well as one of the following Advanced Placement (AP) courses in order to be eligible for the Health Science Institute certificate. Students may substitute one 30-level course requirement by taking a Sports Medicine and Sports Performance course instead. Approved health science courses include:

Biology 30

Chemistry 30

Physics 30

Psychology 20/30

Mathematics 30-1

Sports Performance 15/25

Sports Medicine 15

Biology 35 AP

Chemistry 35 AP

Physics 35 AP

Psychology 35 AP

Engineering Institute

Purpose

To provide each and every student the opportunity to engage in an engineering program with the intention of preparing him/her to have success at a post-secondary level.

Program Overview

Students may start participating in the program in Grade 7 and will be required to meet a number of criteria in order to be eligible for the West Island College Engineering Institute Certificate. The current program consists of five modules:

Module A: Engineering Institute Courses

Module B: Engineering and Leadership Experiences

Module C: Engineering Clubs and Activities

Module D: Post-Secondary Experiences at the University of Calgary

Module E: Project-Based Learning

Engineering Institute Courses

Students will be required to complete any six of the following courses in order to be eligible for the Engineering Institute Certificate; one of these courses must be an Advanced Placement (AP) course. Approved Engineering courses include:

Business 10 (Accounting)

Mathematics 30-1

Physics 30

Mathematics 31

Biology 30

Chemistry 30

Biology 35 AP

Chemistry 35 AP

Physics 35 AP

Mathematics 35 AP

Liberal Arts Institute

Purpose

To empower students by providing an approach to learning that offers a broader knowledge of the world while simultaneously preparing them to be successful at a post-secondary level.

Program Overview

Students may start participating in the program in Grade 7 and will be required to meet a number of criteria in order to be eligible for the West Island College Liberal Arts Institute Certificate. The current program consists of four modules:

Module A: Liberal Arts Institute Courses

Module B: Liberal Arts and Leadership Experiences

Module C: Liberal Arts Clubs and Activities

Module D: Enrichment Activities

Liberal Arts Institute Courses

Students will be required to complete any three of the nine courses offered in order to be eligible for the Liberal Arts Institute Certificate; one of these courses must be an Advanced Placement (AP) course. Approved Liberal Arts courses include:

World Religions 20/30

General Psychology 20/Experimental Psychology 30

International Politics 30

Western World History 30

English 30-1

Law 30 (or Independent Law Courses through ADLC)

European History 35 AP

English 35 AP

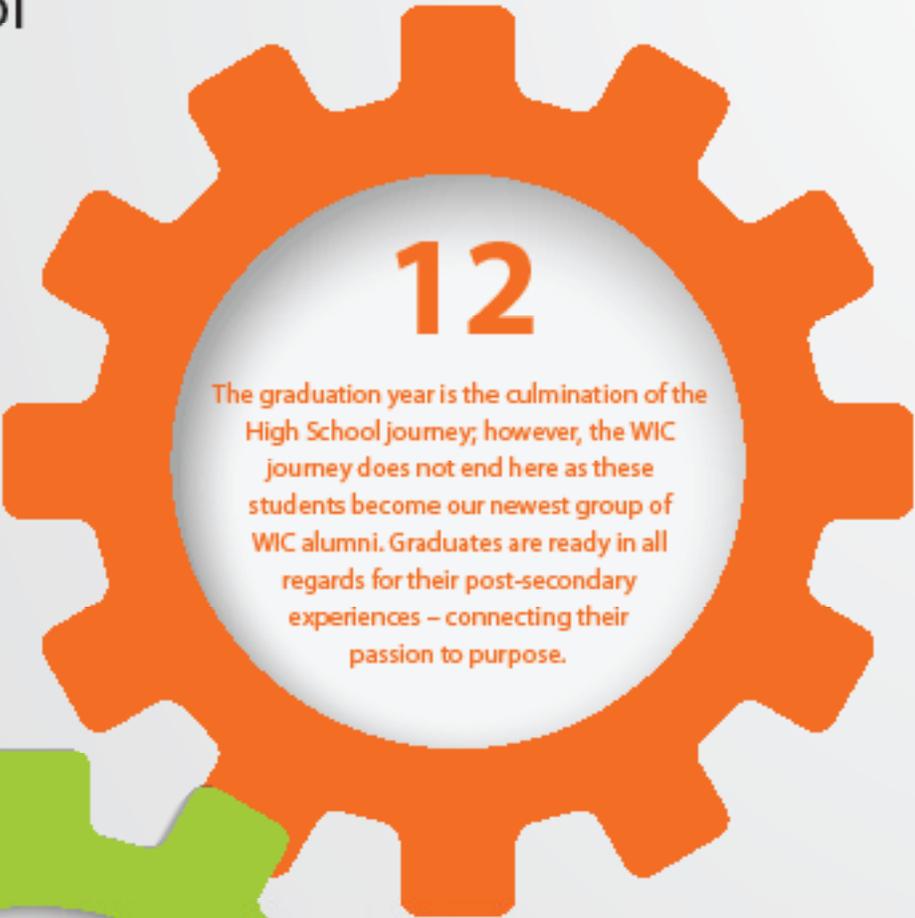
Psychology 35 AP

International Studies

West Island College's International Studies Program combines character education and service learning in a unique global classroom experience. West Island College students travel around the globe participating in service learning projects. Each year, the program builds on our humanitarian reach internationally and allows our students the opportunity to experience the increasing globalization of politics and economics first hand. Through participation in this program, senior high students can earn a maximum of 10 credits towards High School completion. Credits in this program are currently awarded for:

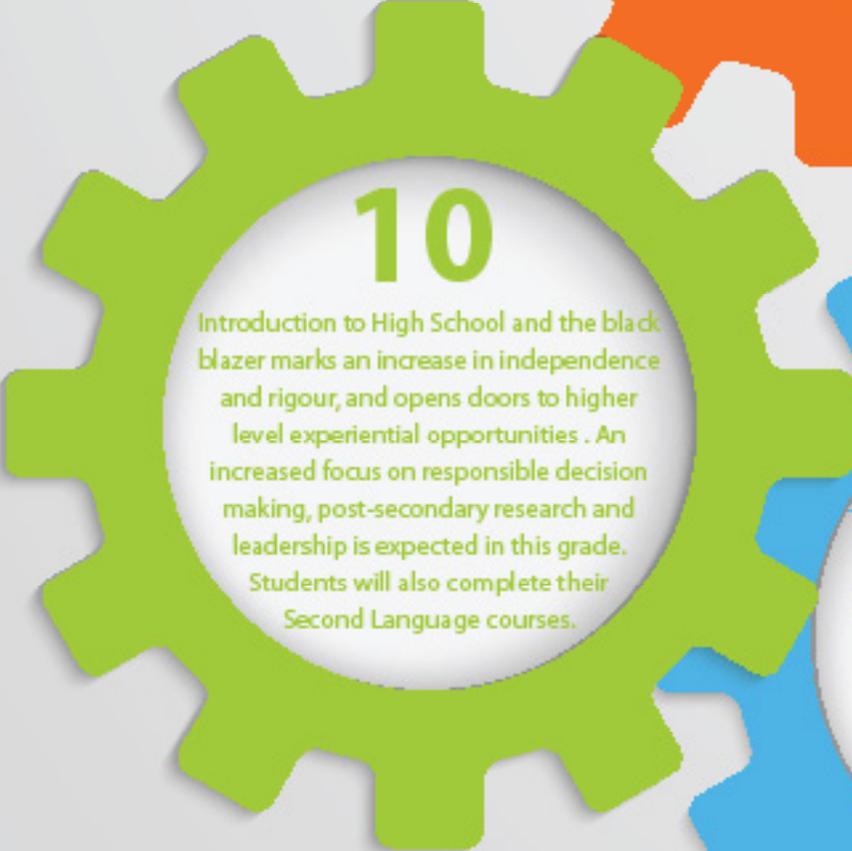
- General Sociology 20
- Political Thinking 20

Senior School



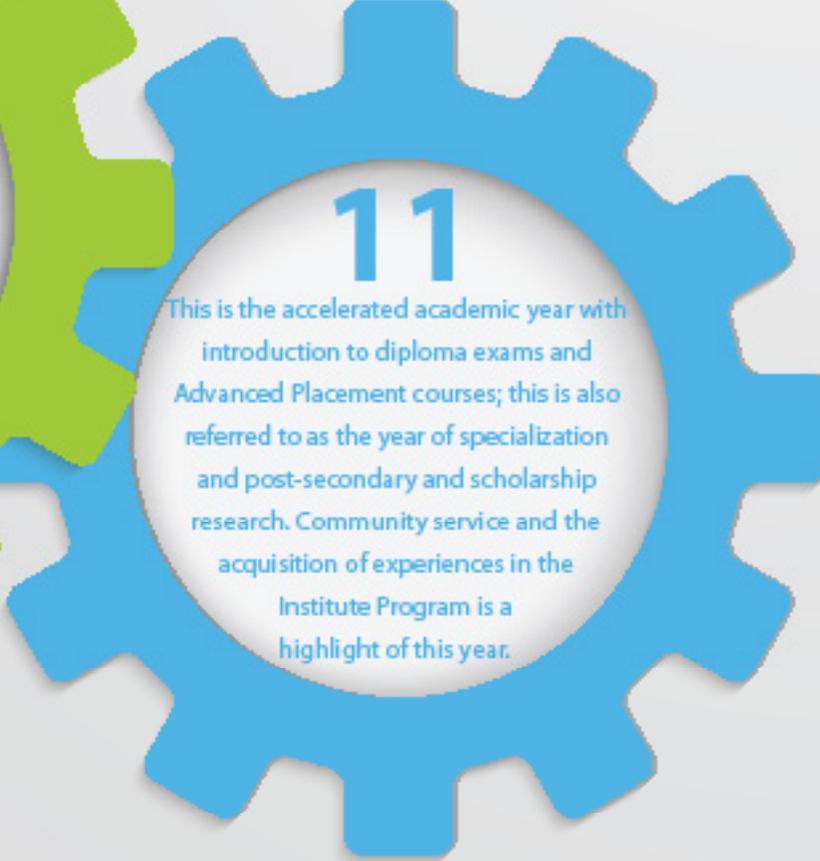
12

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.



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.



11

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: _____
-------------	--------------

Date: _____

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

- English 30-1
- Social Studies 30-1
- Mathematics (grade 10 & 11 level)
- Science (grade 10 & 11 level)
- Physical Education 10
- CALM

- Two Courses from: CTS, Fine Arts, Second Languages, PE 20 or PE 30
- Two "30" Level courses (in addition to English and Social Studies)
- Additional courses

CREDITS

- 15
- 15
- 10
- 10
- 3
- 3

- 10
- 10
- 24

TOTAL CREDITS REQUIRED

100

