



Blyth Academy
High School (Grades 10-12)
Course Handbook
2023-2024



Introduction to High School

Welcome to High School at Blyth Academy Qatar! This is a big transition for many students from Junior High to Senior High, so we want to wish you a warm welcome!

There are many details to know about the transition into High School, course credits, what you need to graduate, and what you need to get into the college or university program you have in mind. We are here to help you with that process. The choices students make in High School can greatly influence post-secondary options. We want to clarify that journey for you.

Reach out anytime to our administration staff for answers. We are here to help!

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High School System

Curriculum

Blyth Academy Qatar uses the *Alberta Education Curriculum*. Students who graduate with an Alberta Education High School Diploma have an easy transition into Canadian colleges and universities as well as post-secondary institutes in the United States and the United Kingdom.

Semesters

Each High School academic year is divided into **2 Semesters**. Semester 1 runs from August to January, and Semester 2 runs from January to June. Each semester is divided into two terms. Students take 4 courses each semester. They will complete 8 courses in an academic year. In Grade 12, students might complete fewer courses if they choose a study block (“spare”).

Semester 1		Semester 2	
<i>Term 1</i>	<i>Term 2</i>	<i>Term 1</i>	<i>Term 2</i>
<i>Aug – Nov</i>	<i>Nov – Jan</i>	<i>Jan – April</i>	<i>April – June</i>
4 courses		4 courses	

Credits

The High School Program uses the “Credit System.” Students accumulate credits throughout grades 10, 11 and 12 in order to gain enough credits for graduation.

Most students take Level 10 courses in Grade 10, Level 20 courses in Grade 11, and Level 30 courses in Grade 12. However, students can take a course in whatever year they choose, as long as they have the prerequisite, and follow the course sequence (explained later).

Students should **aim for completing 110** credits by the time they finish grade 12. Students must accumulate a minimum of 100 credits, which is required to achieve an **Alberta Education High School Diploma**.

For students who are not able to achieve a High School Diploma, they can aim for a *High School Certificate of Achievement*. This requires 80 credits. This is not the equivalent of a High School Diploma. Further studies are required in order to continue to the post-secondary level.

Levels of Classes (-1, -2)

English, Social Studies, and Math all offer -1 and -2 options. (Example: English 10-1). **All universities** accept -1 courses. **Most universities** accept -2 options, but not all. If you are unsure, check with the university admissions department to confirm the requirements for the program you are applying to.

Mandatory Courses for Graduation

In order for students to graduate with a High School Diploma, there are certain courses that are **mandatory (required courses)**. The following courses must be completed in order to receive an **Alberta Education High School Diploma**:

- English 10, 20 and 30
- Social Studies 10, 20, 30
- Math 10C, 20
- Science 10, Science 20-level
- Physical Education 10
- CALM (Career and Life Management)

Students must also achieve:

- 10 additional credits in 20-level courses

- 10 additional credits in 30-level courses

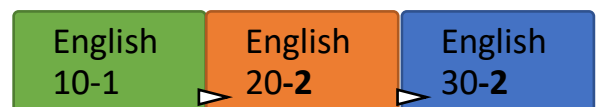
Sequencing

Students in 10, 20 and 30 level classes will have to follow a course 'sequence' to ensure that the student has the proper prerequisite courses.

If a student stays in -1 courses throughout a subject area, their course sequencing would look like this:



However, if a student is having challenges in -1, the Guidance Counselor can recommend a student move into a -2. A sequence might look like this:



For more detailed options in sequence options, look at the **Course Descriptions** further in this handbook.

Passing

Alberta Education follows the following mark legend:

A	80 – 100%
B	65-79%
C	50-64%
D	40-49%
F	0-39%
P	Pass

If a student does not pass a course, they can retake the course. The highest mark achieved will be the final mark listed on the transcript. The student will receive the credits for the course only when the course is passed.

Report Cards

Parents will receive a report card halfway through the first semester, at the end of Term 1. This is the “Midterm Report Card.” This is an indicator for parents and students to gauge their progress so far.

At the end of the course, after Term 2, students will receive their “Final Report Card.” These marks will be recorded on their transcript.

Transcripts

Students will need a transcript to apply for university. Transcripts are issued by *Alberta Education*. Students will access and order their Official Transcripts through *MyPass*. Students need their ASN (Alberta Student Number) and date of birth to access *MyPass*.

<https://public.education.alberta.ca/PAS/myPass/welcome> Official transcripts cost \$10 CAD each, (additional costs for Express Shipping), and they can be sent directly to the university of choice. On *MyPass*, students can access their final marks, credits, and diploma exam marks. They can download a DAR (Detailed Academic Report), or unofficial transcript at any time.

Blyth Academy Principal: Ms. Darlene Sullivan		Alberta Accredited June 2020 International School Candidate				
Name:	Alberta Student Number:	Grade:				
Qatar ID Number:						
Course Name	Teacher	Grade	Credits Attempted	Credits Earned	Absent	Late
Biology 20	Giffin, Laura	81	5.00	5.00	1	0
Mathematics 30-1	MacNeil, Elaine Warena	72	5.00	5.00	1	0
Physical Education 20	Begley, Derek	91	5.00	5.00	0	0
Work Experience 15	Charlton, Heather	88	5.00	5.00	0	0
		Total Credits:	20.00			
Course Name	Term	Comments				
Biology 20	S2	In Biology 20 we have covered energy and matter exchange in the biosphere, ecosystems, population change, photosynthesis and cellular respiration, as well as human systems. demonstrates a thorough understanding of curricular outcomes, works well independently, as well as with others. She sometimes can be quiet in class, so she is encouraged to ask questions if needed. is encouraged to continue with the sciences.				
Mathematics 30-1	S2	In this course, we have covered Unit 1 Transformations and Functions, Unit 2 Trigonometry, Unit 3 Exponential and Logarithmic Functions and Unit 4 Equations and Functions. has demonstrated achievement of the expected learning outcomes. is a diligent student and has done well for this higher-level course.				
Physical Education 20	S2	During this semester our curriculum covered functional fitness, sport skill development in basketball and hockey and cardiovascular systems and development. During the shutdown, students completed assignments on Muslim Athletics during Ramadan and Professional Sports and the effects of Covid-19. handled the challenges of these unprecedented times with maturity and punctuality and should be commended for their efforts during the pandemic.				
Work Experience 15	S2	Thank you for your work this year.				
Principal's Signature <i>Darlene Sullivan</i>						

Alberta Transcript of High School Achievement									
University of British Columbia Information Centre, Enrollment Services Rock Hall 1010 East Mall Vancouver BC V6T 1Z1		Surname Doi (With Name) John A Alberta Student Number 0000-1605-3 Date of Birth January 01, 1996		Total High School Credits 163		Credential Alberta High School Diploma Year 16/17			
Coursework at Alberta Accredited Schools	Course Name	Year	Term	School Code	Inst Lang	School Mark	Exam Mark	Credits	Official Mark
Language Arts	ELA1205 English Language Arts 10-1	12/13	Semester 1	3322	English	68		5	63
	ELA2205 English Language Arts 20-1	13/14	Semester 1	3322	English	68		5	68
	ELA3205 English Language Arts 30-1	14/15	Semester 1	3322	English	75	75	5	74
Social Studies	SST171 Social Studies 10-1	12/13	Semester 1	3322	English	68		5	68
	SST271 Social Studies 20-1	13/14	Semester 2	3322	English	74		5	74
	SST371 Social Studies 30-1	14/15	Semester 1	3322	English	74	69	5	72
Mathematics	MAT1791 Mathematics 10C	12/13	Semester 1	3322	English	79		5	79
	MAT2791 Mathematics 20-1	13/14	Semester 1	3322	English	68		5	68
	MAT3791 Mathematics 30-1	14/15	Semester 1	3322	English	81	88	5	85
Science	SCN270 Science 10	12/13	Semester 1	3322	English	87		5	87
	SCN231 Biology 20	13/14	Semester 1	3322	English	78		5	78
	SCN276 Chemistry 20	14/15	Semester 1	3322	English	71		5	71
	SCN330 Biology 30	14/15	Semester 1	3322	English	77	77	5	77
	SCN376 Chemistry 30	14/15	Semester 2	3322	English	86	81	5	84
Personal Development	PEO070 Career Skills Management	14/15	Summer	7053	English	78		3	78
Fine Arts	FNA1400 Art 10	12/13	Semester 1	3322	English	88		5	88
	FNA1400 Art 10	12/13	Semester 2	3322	English	85		5	85
	FNA2400 Art 20	13/14	Semester 1	3322	English	84		5	84
	FNA2400 Drama 20	13/14	Semester 2	3322	English	68		5	68
	FNA3400 Art 30	14/15	Semester 1	3322	English	84		5	84
	FNA3400 Drama 30	14/15	Semester 2	3322	English	88		5	88

Diploma Exams

Diploma Exams are only issued for 30-Level courses, so most students will take them in Grade 12, unless they are taking a 30-level course in Grade 11. Diploma exams are worth **30% of the final mark**, and are administered in the following courses:

- Biology 30
- Chemistry 30
- Physics 30
- Science 30
- English Language Arts 30-1, -2
- Mathematics 30-1, -2
- Social Studies 30-1, -2

Course Selection

Students will choose their courses through PowerSchool. Students will be required to have the following information to log in to PowerSchool:

- Alberta Student Number (ASN) found at the top of their report card
- Qatar ID Number
- Course Planning Sheet

At any time, if the student has questions or concerns about what courses to take, it is recommended they make an appointment with the Guidance Counselor to discuss their post-secondary plans. They can also use

the *Unifrog* or *MyBlueprint* platforms to help them make their Course Selections.

Post-secondary Admissions Tests

Students might be required to take an admissions test to get into university. They can prepare for and take these in their grade 11 or grade 12 years. Some of the common ones are:

- SAT or ACT (mostly required for American Universities) Register through College Board:
<https://collegereadiness.collegeboard.org/sat/register>

English Proficiency tests, such as:

- TOEFL <https://www.ets.org/toefl>
- IELTS <https://ieltsregistration.britishcouncil.org/>
- Duolingo <https://englishtest.duolingo.com>
- Other (University customized admissions test)

Most admissions tests can be taken at any time in high school. Students do not need to wait until Grade 12 to take them.

Course Descriptions

English Language Arts (ELA)

English Language Arts 10-1

- Credits: 5 / Accepted by **all** universities
- Prerequisites: none

I want to explore literature and develop strong communication skills. In ELA10-1, students analyze and respond to literature, including extended texts (a novel/nonfiction book, a feature film and a modern or Shakespearean play) and shorter texts (poetry, short stories, visuals and multimedia, and essays) that relate to cultural and societal issues in Canadian and global contexts. They also create their own texts; e.g., fiction, nonfiction, poetry, presentations/media. This course is for students considering careers that require strong reading and communication skills and for those who may be interested in post-secondary education.

English Language Arts 10-2

- Credits: 5 / Accepted by **most** universities
- Prerequisites: none

I want to begin to study material I am comfortable with and communicate well with others. In ELA 10-2, students with diverse abilities and goals study different types of texts, written at various levels, that explore issues in Canadian and global contexts. They study extended texts (a novel or nonfiction book, a feature film, and a modern or Shakespearean play) and shorter texts (poetry, short stories, visuals and multimedia, and popular nonfiction). Students are also encouraged to create their own texts; e.g., fiction, nonfiction and

reports, poetry, and presentations/media. Material will often have daily life or practical applications for students. This course is designed for students considering careers that require basic reading and communication skills and for those interested in a range of post-secondary education or other opportunities.

English Language Arts 20-1

- Credits: 5 / Accepted by **all** universities
- Prerequisites: ELA 10-1

I want to explore literature more deeply and develop my communication skills. In ELA 20-1, students analyze and respond to literature, including extended texts (a novel, a nonfiction book or feature film, and a Shakespearean play) and shorter texts (poetry, short stories, visuals and multimedia, and essays) that relate to cultural and societal issues in Canadian and global contexts. They also create their own texts; e.g., fiction, nonfiction/persuasive writing, presentations/media, scripts. This course is for students considering careers that require strong reading and communication skills and for those who may be interested in post-secondary education.

English Language Arts 20-2

- Credits: 5 / Accepted by **most** universities
- Prerequisites: ELA 10-2, or ELA 10-1

I want to continue to study material that is relevant to my life and that strengthens my communication with others. In ELA 20-2, students with diverse abilities and goals study different types of texts, written at various levels, that explore issues in Canadian and global contexts. They study extended texts (a novel, a nonfiction book or feature film, and a modern or Shakespearean play) and shorter texts (poetry, short stories, visuals and multimedia, and popular nonfiction). Students are also encouraged to create their own texts; e.g., fiction, nonfiction and

proposals, scripts, and presentations/media. Material will often have daily life or practical applications for students. This course is designed for students considering careers that require basic reading and communication skills and for those interested in a range of post-secondary education or other opportunities.

English Language Arts 30-1

- Credits: 5 / Accepted by **all** universities
- Prerequisites: ELA 20-1

I want to demonstrate critical thinking about literature and communication. In ELA 30-1, students analyze and respond to literature, including extended texts (a novel or nonfiction book, a feature film or modern play, and a Shakespearean play) and shorter texts (poetry, short stories, visuals and multimedia, essays, and popular nonfiction) that relate to cultural and societal issues in Canadian and global contexts. They also create their own texts; e.g., fiction, nonfiction/persuasive writing, presentations/media. This course is for students considering careers that may require strong reading and communication skills and for those interested in post-secondary education.

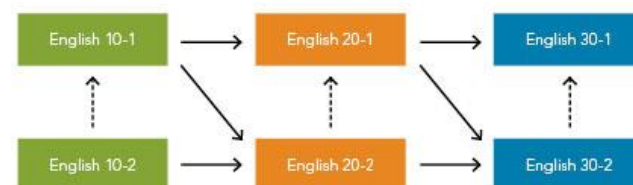
English Language Arts 30-2

- Credits: 5 / **accepted by some select colleges, and universities**
- Prerequisites: ELA 20-2, or ELA 20-1

I have a deeper understanding of relevant materials and can communicate clearly with others. In ELA 30-2, students with diverse abilities and goals study different types of texts, written at various levels, that explore issues in Canadian and global contexts. They study extended texts (a novel or nonfiction book, a feature film, and a modern or Shakespearean play) and shorter texts (poetry, short stories, visuals and multimedia, essays, and popular nonfiction). Students are also encouraged to create their own texts; e.g., fiction,

nonfiction, presentations/media. Material will often have daily life or practical applications for students. This course is designed for students considering careers that require basic reading and communication skills and for those interested in a range of post-secondary education or other opportunities.

ELA Sequencing



ELA Resources

A variety of digital and print resources, developed by publishers, Alberta Education or Alberta teachers, are available to help students learn. Teachers may select, and bring into the classroom, numerous innovative and creative resources to create rich learning experiences for your child. Visit [new LearnAlberta.ca](http://new.learnalberta.ca) <https://new.learnalberta.ca/> to learn more about the resources your child may encounter.

ELA Assessment

At the end of ELA 30-1 or ELA 30-2, your teen will write a provincial diploma examination. Your teen's final mark in ELA 30-1 or ELA 30-2 is determined by taking 70% of the school-awarded mark and adding it to 30% of the diploma examination mark. Your teen must achieve a final mark of 50% or higher to obtain credits for the course.

Social Studies

Social Studies 10-1

- Credits: 5 / Accepted by **all** universities
- Prerequisites: none

What is globalization and how does it affect us? Social Studies 10-1 students explore the changing meaning of identity and citizenship in a globalizing world, while also understanding the impacts of globalization, both positive and negative, on people worldwide.

Social Studies 10-2

- Credits: 5 / Accepted by **most** universities
- Prerequisites: none

What is globalization and how does it impact me? Social Studies 10-2 students explore the history and effects of globalization. They develop an understanding of the impact that globalization has on people's identity and citizenship, while addressing emerging issues that globalization presents.

Social Studies 20-1

- Credits: 5 / Accepted by **all** universities
- Prerequisites: Social Studies 10-1

What is nationalism and how does it affect us? Social Studies 20-1 students look at the origins and effects of nationalism and weigh its benefits and limitations. They examine issues related to nationalism and consider impacts on individuals, international relations and citizenship.

Social Studies 20-2

- Credits: 5 / Accepted by **most** universities
- Prerequisites: Social Studies 10-2, 10-1

What is nationalism and how does it affect me? In Social Studies 20-2, students examine the origins and effects of nationalism from various

perspectives, developing an understanding of the impact of nationalism on individuals, international relations and citizenship in Canada.

Social Studies 30-1

- Credits: 5 / Accepted by **all** universities
- Prerequisites: Social Studies 20-1

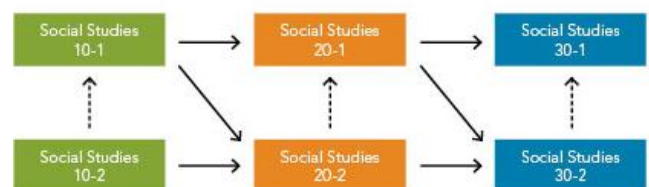
What are ideologies and how do they affect us? Social Studies 30-1 students examine multiple perspectives on various ideologies and on the influence of these ideologies, focusing particularly on liberalism. They develop an understanding of how ideologies can shape us and our world.

Social Studies 30-2

- Credits: 5 / Accepted by **most** universities
- Prerequisites: Social Studies 20-2, or 20-1

What are ideologies and how do they affect us? Social Studies 30-2 students will examine multiple perspectives on various ideologies, focusing in particular on liberalism. They will develop an understanding of how ideologies can shape us and our world.

Social Studies Sequencing



Social Studies Resources

A variety of digital and print resources, developed by publishers, Alberta Education or Alberta teachers, are available to help students learn. Teachers may select, and bring into the classroom, numerous innovative and creative resources to create rich learning experiences for your child. Visit new.LearnAlberta.ca

<https://new.learnalberta.ca/> to learn more about the resources your child may encounter.

Social Studies Assessment

At the end of a 30-level course, your teen will write a provincial diploma examination. Your teen's final mark in a 30-level course is determined by taking 70% of the school-awarded mark and adding it to 30% of the diploma examination mark. Your teen must achieve a final mark of 50% or higher to obtain credits for the course.

Mathematics

Math 10C

- Credits: 5 / Accepted by **all** universities
- Prerequisites: none

Mathematics 10C students determine the surface area and volume of 3-D objects and use trigonometric ratios to solve problems involving right triangles. They simplify expressions that involve powers with integral and rational exponents and simplify or factor polynomial expressions. At this level, students also analyze linear relations, solve systems of linear equations and solve problems related to both of these sets of skills.

Math 20-1

- Credits: 5 / Accepted by **all** universities
- Prerequisites: Math 10C

Mathematics 20-1 students investigate arithmetic and geometric patterns and use the sine and cosine laws to solve problems involving triangles. They investigate the properties of radicals and rational expressions. Mathematics 20-1 students also analyze the characteristics of absolute value functions and quadratic functions, solve quadratic

equations and systems of equations in various ways, and analyze the relationship between a function and its reciprocal.

Math 20-2

- Credits: 5 / Accepted by **some** universities
- Prerequisites: Math 10C

Mathematics 20-2 students use proportional reasoning to solve real-life problems involving 2-D shapes and 3-D objects. They use the properties of angles and triangles, including the sine and cosine laws, to solve problems; use reasoning to prove conjectures; use spatial reasoning to solve puzzles; and solve problems that involve radicals. They interpret statistical data, solve problems involving quadratics and research and present a mathematical topic of their choice.

Math 30-1 (Pre-Calculus)

- Credits: 5 / Accepted by **all** universities
- Prerequisites: Math 20-1

Mathematics 30-1 students investigate the properties of logarithms; study the characteristics and transformations of trigonometric, polynomial, exponential and logarithmic functions by sketching and analyzing their graphs; and solve equations and problems related to these functions. Students also use basic counting principles to determine the number of permutations or combinations of the elements of a set to solve problems. Includes Diploma Exam.

Math 30-2

- Credits: 5 / Accepted by **most** universities
- Prerequisites: Math 20-2

Mathematics 30-2 students use numerical and logical reasoning to solve puzzles, and solve real-life problems about the probability of events occurring. They solve problems algebraically involving rational equations; investigate exponential, logarithmic, polynomial and sinusoidal

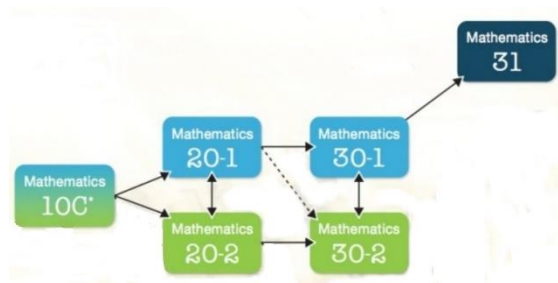
functions; and research and present a mathematical topic of their choice. Includes Diploma Exam.

Math 31 (Calculus)

- Credits: 5 / Accepted by **all** universities
- Prerequisites: Math 30-1 (Pre-Calc)

This course is most useful for careers in Engineering, Software Developer, Animator, or Mathematician. Mathematics 31 students determine the limit of a function at finite or infinite values of the independent variable. They use derivative theorems to determine the derivative of a function, either explicitly or implicitly, and use derivatives to sketch graphs of functions and solve optimization problems. They also investigate the relationship between differentiation and integration. There is no Diploma Exam for this course.

Math Sequencing



Math Resources

A variety of digital and print resources, developed by publishers, Alberta Education or Alberta teachers, are available to help students learn. Teachers may select, and bring into the classroom, numerous innovative and creative resources to create rich learning experiences for your child. Visit [new LearnAlberta.ca](https://new.learnalberta.ca) (<https://new.learnalberta.ca/>) to learn more about the resources your child may encounter.

Math Assessment

At the end of Mathematics 30-1 or Mathematics 30-2, your teen will write a provincial diploma examination. Your teen's final mark in Mathematics 30-1 or Mathematics 30-2 is determined by taking 70% of the school-awarded mark and adding it to 30% of the diploma examination mark. Your teen must achieve a final mark of 50% or higher to obtain credits for the course.

Sciences

Science 10

- Credits: 5 / Accepted by **all** universities
- Prerequisites: none

What happened to that energy? Science 10 students are introduced to the biological, chemical, physical and Earth sciences. By studying chemical reactions, cellular and multicellular processes that occur in plants, the conservation and conversion of energy, and Earth's climate, they discover how energy is transformed.

Physics 20

- Credits: 5 / Accepted by **all** universities
- Prerequisites: Science 10

How does a lacrosse player know when to release the ball? Physics 20 students investigate the motion of objects. They apply Newton's law of universal gravitation to astronomical observations. They also describe how energy is transmitted by mechanical waves and how waves relate to medical technologies, industry and musical instruments.

Physics 30

- Credits: 5 / Accepted by **all** universities
- Prerequisites: Physics 20

When does a model or a theory need to change? Physics 30 students consider historical experiments and explore why the model of the atom has changed as a result of experiments and observations of natural phenomena, apply a quantitative approach to describe conservation of momentum in an isolated system, investigate applications and implications of electric and magnetic forces and fields, and use the concept of wave-particle duality to understand both wave and photon behaviour of electromagnetic radiations.

Biology 20

- Credits: 5 / Accepted by **all** universities
- Prerequisites: Science 10

How and why does energy flow through living systems? Biology 20 students examine the interactions of living systems to better understand the constant flow of energy and the cycling of matter, explore the functioning of the human body and the mechanisms that work to maintain balance in organisms—in ecosystems and in the biosphere.

Biology 30

- Credits: 5 / Accepted by **all** universities
- Prerequisites: Biology 20

Why is there so much diversity? Biology 30 students conduct lab work and investigate how human systems sense and respond to the environment, explore human reproduction and development at the cellular level and at the organism level, investigate the basic structure and role of DNA and investigate the inheritance of traits in individuals and populations, analyze the changes in populations resulting from natural and human-

induced changes in the environment and discover that living systems are dynamic.

Chemistry 20

- Credits: 5 / Accepted by **all** universities
- Prerequisites: Science 10

How do atoms combine to form different substances? Students explore matter and how it changes in order to understand the natural world. They investigate the chemical properties of solutions, apply their understanding of chemical bonds to explain ionic and molecular compounds, explain the behaviour of gases, using the gas laws, and work to balance chemical equations.

Chemistry 30

- Credits: 5 / Accepted by **all** universities
- Prerequisites: Chemistry 20

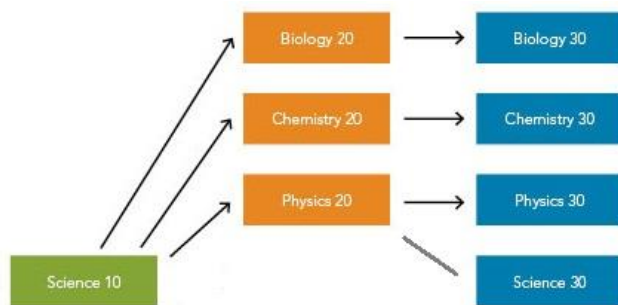
This course is designed for students to continue to develop their understanding of the composition, structure, properties and reactions of elements and compounds. In this course, students will learn about thermochemical and electrochemical changes, the chemical changes of organic compounds and acid-base equilibrium.

Science 30

- Credits: 5 / Accepted by **all** universities
- Prerequisites: Any 20-level Science

How do we sustain our energy resources? Students sharpen their scientific skills and explore a wide range of scientific concepts to strengthen their foundations in science. They investigate human systems and health, and environmentally sustainable solutions for meeting global energy needs, examine the impacts of chemicals in society and the environment and examine the properties and applications of electromagnetic energy.

Science Sequencing



I want to make good choices in life. Your teen will enhance their ability to make good choices today and in the future. They will examine health holistically: the emotional, intellectual, social, spiritual and physical dimensions. They will learn how to make responsible choices about money and other resources, and they will learn that their decisions are based on their values and goals. Your teen will continue to plot out their career path as they plan for life after high school.

Science Resources

A variety of digital and print resources, developed by publishers, Alberta Education or Alberta teachers, are available to help students learn. Teachers may select, and bring into the classroom, numerous innovative and creative resources to create rich learning experiences for your child. Visit new LearnAlberta.ca (<https://new.learnalberta.ca/>) to learn more about the resources your child may encounter.

Science Assessment

At the end of a 30-level course, your teen will write a provincial diploma examination. Your teen's final mark in a 30-level course is determined by taking 70% of the school-awarded mark and adding it to 30% of the diploma examination mark. Your teen must achieve a final mark of 50% or higher to obtain credits for the course.

CALM

CALM (Career and Life Management)

- Credits: 3 | **REQUIRED COURSE**
- Prerequisite: none
- ONLINE option ONLY

CALM Assessment

Learning is assessed using a variety of tools and strategies within the classroom. Ask the teacher what methods they are using. The different assessment methods tell you, your teen and your teen's teacher about your teen's strengths, the areas in which they might grow and how well they are doing throughout the course. At the end of the course, your teen will be assessed and their achievement will be reported so that you know if they have achieved the expected learning outcomes.

Physical Education

Physical Education (PE) 10

- Credits: 5 | **REQUIRED COURSE**
- Prerequisite: none

Acquire skills through a variety of movement activities, understand, experience and appreciate the health benefits and wellness that result from physical activity, interact positively with others, assume responsibility to lead an active lifestyle. Continue to enhance your wellness in optional PE 20 and 30 courses.

Options Courses

Physical Education (PE) 20, 30

- Credits: 5
- Prerequisites
PE 20: PE 10
PE 30: PE 20

Through activities in the school and community, your teen will explore their physical abilities and improve their fitness level. They will understand that fitness impacts well-being and body image. Communicating with others, your teen will develop a sense of fair play and exercise their leadership abilities. They will discover the importance of safe, active living for life; set goals; and challenge themselves as part of an active lifestyle. There is no diploma exam for PE 30.

Sports Performance 10, 20, 30

- Credits: 5 to 6
- Sports Performance is a 5 to 6-module course. (These modules are subject to change.)
- Prerequisites:
SP 10: none
SP 20: SP 10
SP 30: SP 20

Sports Performance 10

HSS1010: Health Services Foundations
REC1040: Foundations for Training 1
REC2120: Coaching 1
REC 1050: Sports Psychology 1
HCS1080: Cardiovascular Systems

Sports Performance 20

REC2015: Athletic Development
REC2040: Foundations for Training 2
HCS1050: Musculoskeletal System
REC2050: Sports Psychology 2
REC1020: Injury Management
HCS2020: First Aid/CPR with AED

Sports Performance 30

REC3040: Training & Conditioning
REC3050: Sports Psychology 3
REC3030: Speed & Agility
REC3025: Cardiovascular Training
REC3015: Flexibility Training
REC2045: Training for Core Muscles

There is no Diploma Exam for Sports Performance 30.

Business 10, 20, 30

- Credits: 5 each
- Business is a 5-module course. (These modules are subject to change.)
- Prerequisites:
Business 10: none
Business 20: Business 10
Business 30: Business 20

Business 10

ENT1010: Challenge and Opportunity
ENT1020: Elements of a Venture Plan
ENT1910: ENT Project A
MAM1010: Marketing and Management
MAM1020: Quality Customer Service

Business 20

ENT2010: Analyzing Ventures
ENT2020: Financing Ventures
ENT2030: Marketing the Venture
MAM2010: Managing for Quality
MAM2030: Visual Merchandising

Business 30

ENT3010: Managing the Venture
ENT3020: Expanding the Venture
ENT3030: ENT Project D
MAM3010: The Business Organization
MAM3030: Business in the Global Marketplace

At the junior and senior high level, the business option will teach you about the different aspects of business, from marketing to entrepreneurship to finance and more. The business option will help students prepare for a possible career in the business world. It is also a great option for anyone interested in personal business knowledge. It will provide students with a general overview of how money is traded, invested and diversified.

This is a practical project-based course at the 10, 20 and 30 level. Students will engage in school wide community building initiatives linked to the business outcomes that they are learning. There will be a focus on teaching students management and leadership skills in a hands-on and practical approach.

If you are looking to use Business 30 to enter university, you must take 10, 20 and then 30. Business 30 is a university accepted course, which can help you gain access to the business faculty, along with various other pathways. At the junior high level, business will offer introductory building blocks to business knowledge that will prepare you for taking business in high school. There is no Diploma Exam for Business 30.

Media, Design and Communication (MDC) 10, 20, 30

- Credits: 5 each
- MDC is a 5-module based course. (These modules are subject to change.)
- Prerequisites:

MDC 10: none
MDC 20: MDC 10
MDC 30: MDC 20

MDC 10

COM1005: Visual Composition
COM1015: Media
COM1205: Photography – Introduction
COM1275: Photography – Digital Processing 1

COM1035: Graphics Tools

MDC 20

COM2175: Interactive Presentation
COM1105: Audio/Video
COM1145: Animation 1
COM2015: Media Impact
COM2145: Animation 2

MDC 30

COM3135: Audio Techniques
COM2205: Photography – Composition
COM2015: AV Pre-Production 1
COM2115: AV Production 1
COM2125: AV Postproduction 1

If you are looking to use MDC 30 for university admission, you must take 10, 20 and then 30. At the junior high level, MDC will offer introductory building blocks to technological knowledge that will prepare you for the high school MDC courses. There is no Diploma Exam for MDC 30.

General Psychology 20

- Credits: 3 each
- Prerequisites: none

Students learn about basic psychology concepts including the history of psychology and the psychological principles of learning and thinking. Students also learn about stress and aggression, the influence of small groups, the status of roles, and the nuances of neurosis and psychosis.

Personal Psychology 20

- Credits: 3 each
- Prerequisites: none

Students will also learn about the science of the brain as they study personality development, sensation and perception, as well as the concept of intelligence and the meaning of various behaviours.

Experimental Psychology 30

- Credits: 3 each
- Prerequisites: *ONE of either* General Psychology 20 or Personal Psychology 20

Students learn how scientific experimentation informs the understanding and practice of psychology. Students will learn about the scientific method, data display and interpretation, research ethics, research methods, and how scientific experiments are designed and carried out in the field. There is NO Diploma Exam for Experimental Psychology 30.

Art 10, 20, 30

- Credits: 5 each
- Prerequisites:

Art 10: none
Art 20: Art 10
Art 30: Art 20

Art at the junior and senior high level will see students exploring their artistic skills. At the high school level, students will create art by using a variety of media. They will develop their artistic, technical and critical skills as they explore visual expression. They will discover various ways to share their thoughts with others.

Looking at the history of art, students will study various art styles. Outcomes will be consisting of 30 percent theory/presentation/write up/ artist statement and 70 percent practical demonstration to execute personal art style.

At the junior high level, students will be exploring and investigating fundamental elements/principals of design. Students will progress through a variety of observational drawings through various mediums. Outcomes will be consisting of 30 percent of theory/ understanding of vocabulary/ annotation/ overall concept

understanding and 70 percent of practical skill demonstration of observational sketching/drawing.

If you are looking to use Art 30 for university admission, you must take 10, 20 and then 30. There is no diploma exam for Art 30.

Drama 10, 20, 30

- Credits: 5 each
- Prerequisites:

Drama 10: none
Drama 20: Drama 10
Drama 30: Drama 20

I am creating, performing, studying, critiquing and consuming drama as an art form! Students will learn to communicate in various ways and work creatively with others as they discover dramatic expression. Through eight dramatic disciplines—movement, speech, improvisation, acting, theatre studies, technical theatre design, playwriting and directing—they will develop both performance and technical skills, becoming more confident in themselves and their ability to work together. There is no diploma exam for Drama 30.

Languages

French 10-3Y, 20-3Y, 30-3Y

- Credits: 5 each
- Prerequisites:

Fr 10 – none

Fr 20 – French 10

Fr 30 – French 20

I never thought I'd understand and speak some French! Students with no experience in French will learn to express simple messages about familiar topics. They will explore and understand various Francophone cultures and develop language learning strategies that will help them learn a second language or additional languages. There is no diploma exam for French 30.

Arabic Language Arts 10, 20, 30

- Credits: 5 each
- Discuss this option with your Guidance Counselor.
- Prerequisites:

Arabic Language Arts 10 – Arabic 9/ or knowledge of Arabic

Arabic Language Arts 20 – Arabic Language Arts 10

Arabic Language Arts 30 – Arabic Language Arts 20

This course is designed for students who already have a good understanding of Arabic. REQUIRED COURSE for Qatari and Arab students who hold an Arab Passport. There is NO Diploma Exam.

Arabic Language and Culture 15, 25, 35

- Credits: 5 each

- *Arabic for Non-Arabic speakers.* Discuss this option with your Guidance Counselor.
- Prerequisites:

Arabic Language and Culture 15 – none

Arabic Language and Culture 25 – Arabic Language and Culture 15

Arabic Language and Culture 35 – Arabic Language and Culture 25

Students who are not mandated to take Arabic language, but wish to learn Arabic as a Second Language are encouraged to take this course as one of their options courses. It is NOT designed for native Arabic speakers. There is NO Diploma Exam.

Islamic Studies 15, 25, 35

- Credits: 5 each
- Mandatory for all Muslim students
- Prerequisites: none

This course is offered two days a week in an “after school hours” block. On Tuesdays, this class is offered in person, and on Wednesdays it is offered online. Students who are Muslim are required to take this course in order to meet the criteria of the Ministry of Education and Higher Education (MOEHE). There is NO Diploma exam.

Overview of Arabic and Islamic Studies

Studying Arabic language and Islamic studies and succeeding in these two subjects is an important condition for the equivalency of the academic certificate for students of all grades.

Both Arabic and Islamic Studies are mandatory for Arabic and Muslim students who are from an Arab nation and are applying for universities in Arab countries.

Students can use this Credit Calculator or MyBlueprint to create their 3-year plan for High School.

Credit Calculator (3-Year Plan)												
Name:				Date (last updated):								
Alberta Student Number (ASN):				e-mail:								
Grade 10				Grade 11				Grade 12				
Course	Credit worth	%	Credits earned	Course	Credit worth	%	Credits earned	Course	Credit worth	%	Credits earned	
English 10 (-1, -2)	5			English 20 (-1, -2)	5			English 30 (-1, -2)	5			
Social Studies 10 (-1, -2)	5			Social Studies 20 (-1, -2)	5			Social Studies 30 (-1, -2)	5			
Mathematics 10C	5			Mathematics 20 (-1, -2)	5			3. _____	5			
Science 10	5			Science: _____	5			4. _____	5			
Physical Education 10	5			5. _____	5			5. _____	5			
CALM (online block)	3			6. _____	5			6. _____	5			
7. _____	5			7. _____	5			7. _____	5			
8. _____	5			8. _____	5			8. _____	5			
9. _____	5											
EXPECTED credits:	43	Credits Earned:	0	EXPECTED credits:	40	Credits Earned:	0	EXPECTED credits:	40	Credits Earned:	0	
Overall Average Percentage:												
Grade 10: Recommended 40 Credits				Grade 11: Recommended 35 - 38 Credits				Grade 12: Recommended 30 - 35 Credits				
<input type="checkbox"/> Required courses listed above. (Ensure that CALM is taken preferably in Grade 10 or 11.)				<input type="checkbox"/> Required courses listed above. Requires at least one 20-level Science (Bio, Chem or Physics) and ONE 20-level Math to meet Graduation Requirements.				<input type="checkbox"/> Required courses listed above. Requires FOUR 30-level courses to meet Graduation Requirements. Requires FIVE 30-level courses to meet most university requirements. (NOTE: Some universities do NOT accept PE 30 or CTS 30 courses as "academic credits.")				
EXPECTED Graduation Credits:					123		Total credits SO FAR:					0
Credits required for graduation: 100 , (Recommended credits 110)							(This should match DAR (Detailed Academic Report))					

Useful Websites:

Alberta Education: My Child's Learning: A Parent's Resource:

[My Child's Learning: A Parent Resource \(learnalberta.ca\)](https://www.learnalberta.ca/)

Alberta High School Diploma Graduation Requirements:

[Alberta High School Diploma: graduation requirements \(English\) | Alberta.ca](https://www.alberta.ca/alberta-high-school-diploma-graduation-requirements.aspx)

Detailed High School Course Guide (Calgary Board of Education):

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

MyPass (for Official Transcripts)

<https://public.education.alberta.ca/PASI/myPass/welcome>

To study in Canada:

<https://www.educanada.ca/programs-programmes/index.aspx?lang=eng>

To Study in Ontario:

<https://www.ouac.on.ca/>

To Study in the United States

<https://www.studyusa.com/>

To Study in the UK:

<https://www.ucas.com/>

To register for the SAT test:

<https://www.collegeboard.org/>

To prepare for the SAT/ ACT test:

<https://www.milliegroup.com/students/academic-mentoring/>

To register for the IELTS (English Language Proficiency Test):

<https://ieltsregistration.britishcouncil.org/test-chooser>

To register for the TOEFL (English Language Proficiency Test):

<https://www.ets.org/toefl/test-takers/ibt/take/register>

To register for Duolingo (English Language Proficiency Test):

<https://englishtest.duolingo.com/>