



Online High School

Course Guide 2023/2024



Al-Amal Academy
A Beacon of Hope & Integrity

Introduction

This course guide provides you with assistance in planning your high school program. It is important to take care in planning your course selections by keeping your career and post-secondary options as flexible as possible. If you have a career in mind, check the university or technical institute prerequisites to get an idea of what is required so that you can ensure that you enroll in the courses that you need. Remember, if you or your parents have any questions or concerns about courses or programs, ask for assistance prior to classes starting.

Registration Procedures

1. REGISTRATION: Course selection will be done online through the registration form found on our website Al-Amal Online Academy. Recommendations for placement in core courses will be based on prerequisite marks. Students not having the proper prerequisite may be placed in the lower course offering.

Alberta students enrolled full-time with another school board may also register part-time with us and take courses towards their high school diploma. For example, a student attending a Calgary Board of Education (CBE) school full-time may also take 1-2 courses with us such as Islamic Studies 15 (5 credits) per semester. Out of Province and International students must register with us full-time in order to obtain an Alberta High School Diploma by the end of grade 12.

2. ADVANCE OF REGISTRATION: Students must know the requirements of an Alberta High School Diploma and seek out help in making some longer-range career plans. Students should discuss their program selection and course choices with parents and guidance counselors or school administrators. Every effort will be made to give the student his/her first choice of courses. Students can reach us at al-amal.onlineacademy@plrd.ab.ca

3. COURSE CHANGES: Students are advised to select carefully since the entire school schedule is based on the total number of student requests for each course. Guidance counselors and administrators will be available by appointment the week before school opens in August to make any necessary changes.

4. GRADE 9 PREREQUISITES: In order to register in Science 10, English 10-1, Math 10C and Social Studies 10- 1, the student should achieve at least 60% in the correlating grade 9 level of each course. Students failing a Grade 9 course will automatically be directed to English 10-2, Social Studies 10-2, Math 10-3, or Science 14 depending on which course they failed. For

example, a student in English 9 with a final of 45% will be automatically placed in English 10-2.

For students entering grade 10 that reside outside of Alberta or internationally or have been home-schooled a copy of their final grade 9 report card or learning portfolio must be submitted in order to determine if the prerequisites are met for grade 10.

Course Credits

1. Each course taken at Al-Amal High School Online Academy, starting in Grade 10, is assigned a credit value according to the following scheme:

- A course taken for one quarter of the year typically has a value of three (3) credits.
- A course taken over a full semester has a value of five (5) credits.
- Career and Technology Studies (CTS) modules have a value of one (1) credit per module. This means that students can progress through CTS courses at a more independent rate. Students are advised to check with their CTS teacher to see how many modules are expected to be completed and at what rate.

2. A minimum of 100 credits is required for an Alberta High School Diploma - specific details to follow later in this document.

3. Diploma Exams · Provincial diploma examinations will be written in grade 12 core classes.

- To receive credit in these courses, students will be required to write the provincial diploma examinations and obtain a total course mark of 50% or better.

The student's final course mark will consist of a 70% weighting of the school-awarded mark, and a 30% weighting from the provincial diploma examination mark unless Alberta Education sees reason to alter the weighting in a given year. Diploma Exams can be written outside of Alberta in certified testing locations.

4. Rules Governing Awarding of Credits · A minimum of 50% is required to receive credits in all courses.

Admission to Post-Secondary Institutions

Post-secondary entrance requirements may vary in different institutions and may sometimes even change from one year to the next. Students who are considering university should check the requirements of admission to each faculty and choose their subjects accordingly.

Out of Province and International Students

All full-time out of province students (Canadian students living outside of Alberta but in Canada) and international students (students usually living outside of Canada and with a foreign nationality) will be required to pay course fees since they are not residents of Alberta and thus not fully funded. Every effort is made to ensure affordable course fees per credit.

For the 2023-2024 school year course fees are as follows:

- Out of province students will pay \$110.00 CA per credit
- International students will pay \$145.00 CA per credit.

For example, if an out of province student takes a 5 credit course such as Math 10C the cost would be \$550.00 CA ($5 \times \110.00) and for international students the cost for the same course would be \$725.00 CA ($5 \times \145.00). The cost for a full-time out of province student taking 35 credits (this is considered full-time) would be $35 \text{ credits} \times \$110.00/\text{credit} = \$3850.00 \text{ CA}$ and for a full-time international student it would be $35 \times \$145.00/\text{credit} = \5075.00 CA per school year.

Finally, upon successful completion of the Al-Amal High School program with at least 100 credits as specified in the Alberta High School Diploma requirements, see below, students are qualified to apply to any Canadian or American or International University ensuring they meet the specific grade point average (GPA) for admissions along with any other requirements determined by the university for the specific program selected. Students, with their parents/guardians, are encouraged to actively determine the courses they need to take for the specific university program along with the necessary GPA. If you require assistance please contact us at al-amal.onlineacademy@plrd.ab.ca

Alberta High School Diploma Requirements

Students must earn a minimum of 100 credits and complete the following courses:

- English Language Arts 30-1 or 30-2
- Social Studies 30-1 or 30-2
- Math 20-1, 20-2, or 20-3
- Science 20, Science 24, Biology 20, Chemistry 20, or Physics 20
- Physical Education 10
- Career and Life Management (CALM)
- 10 credits in any combination of:
 - Career and Technology Studies (CTS)
 - Fine Arts
 - Second Languages
 - Physical Education 20 and/or 30
 - Knowledge and Employability occupational courses
 - Registered Apprenticeship Program Courses
 - Locally Developed Courses in CTS, fine arts, second languages, other subjects or Knowledge and Employability occupational courses
- 10 credits in any 30 level courses (in addition to their 30 level English Language Arts and 30 level Social Studies) such as:
 - 30 level Math, Science, Fine Arts, Languages, CTS courses, or Physical Education
 - 35 level locally developed courses
 - 35 level work experience credits
 - 35 level Registered Apprenticeship Program courses
 - 30-4 Knowledge and Employability courses

In grade 10, students should enroll in CALM, Phys. Ed. 10, one English course, one Math course, one Science course, one Social Studies course plus Islamic Studies 15 and their chosen options/ electives classes.

In grade 11, if students have not yet passed CALM or Phys. Ed. 10, they need to re-enroll in those courses plus their English, Math, Science, and Social Studies courses as well as Islamic Studies 25 and their options/ electives classes.

In grade 12, students need to enroll in any remaining courses they need to graduate and to gain access to their desired post-secondary program.

Al-Amal High School Online Academy

High School Core Courses 2023-2024

Core Courses	Credit Value	Offering
Career and Life Management - CALM is a required course for the AB high school diploma		
PED0770 - Required for AB high school diploma completion	3	Semester 2 - Feb 2024
English Language Arts -One ELA course is required in all three high school grades. ELA 30-1 or 30-2 is required for an AB high school diploma.	Credit Value	Offering
ELA1105 - ELA 10-1	5	Semester 1 - Sep 2023 and Semester 2 - Feb 2024
ELA1104 - ELA 10-2	5	Semester 1 - Sep 2023 and Semester 2 - Feb 2024
ELA2105 - ELA 20-1	5	Semester 2 - Feb 2024
ELA2104 - ELA 20-2	5	Semester 2 - Feb 2024
ELA3105 - ELA 30-1	5	Semester 1 - Sep 2023 and Semester 2 - Feb 2024
ELA3104 - ELA 30-2	5	Semester 1 - Sep 2023 and Semester 2 - Feb 2024
Mathematics -Math is required in grades 10 and 11. In grade 12, Math is an option, but is required for consideration for university or college admission.	Credit Value	Offering
MAT1791 - Math 10C	5	Semester 1 - Sep 2023 and Semester 2 - Feb 2024
MAT1793 - Math 10-3	5	Semester 1 - Sep 2023 and Semester 2 - Feb 2024

MAT2791 - Math 20-1	5	Semester 2 - Feb 2024
MAT2792 - Math 20-2	5	Semester 2 - Feb 2024
MAT3791 - Math 30-1	5	Semester 1 - Sep 2024
MAT3792 - Math 30-2	5	Semester 1 - Sep 2024
MAT3793 - Math 30-3	5	Semester 1 - Sep 2024
Physical Education -Physical Education 10 with CPR is required for the AB high school diploma.	Credit Value	Offering
PED1445 - PE 10	5	Semester 1 - Sep 2023 and Semester 2 - Feb 2024
PED2445 - PE 20	5	Semester 2 - Feb 2024
PED3445 - PE 30	5	Semester 1 - Sep 2024
Science -Science in grades 10 and 11 is a required component for the AB high school diploma. A combination of Science 14 and Science 10 will fulfill the requirement. For students NOT requiring Biology, Chemistry, or Physics for University or College admission, it is recommended to take the Science 10, 20, 30 stream.	Credit Value	Offering
SCN1270 - Science 10	5	Semester 1 - Sep 2023 and Semester 2 - Feb 2024
SCN1270 - Science 14	5	Semester 1 - Sep 2023 and Semester 2 - Feb 2024
SCN2270 - Science 20	5	Semester 2 - Feb 2024
SCN2231 - Biology 20	5	Semester 2 - Feb 2024
SCN2796 - Chemistry 20	5	Semester 2 - Feb 2024
SCN2797 - Physics 20	5	Semester 2 - Feb 2024
SCN3270 - Science 30	5	Semester 1 - Sep 2024
SCN3230 - Biology 30	5	Semester 1 - Sep 2024

SCN3796 - Chemistry 30	5	Semester 1 - Sep 2024
SCN3797 - Physics 30	5	Semester 1 - Sep 2024
Social Studies -One Social course is required in all three high school grades. Social 30-1 or 30-2 is required for the AB high school diploma.	Credit Value	Offering
SST1771 - Social 10-1	5	Semester 1 - Sep 2023 and Semester 2 - Feb 2024
SST1772 - Social 10-2	5	Semester 1 - Sep 2023 and Semester 2 - Feb 2024
SST2771 - Social 20-1	5	Semester 2 - Feb 2024
SST2772 - Social 20-2	5	Semester 2 - Feb 2024
SST3771 - Social 30-1	5	Semester 1 - Sep 2024
SST3772 - Social 30-2	5	Semester 1 - Sep 2024

High School Option (Or Elective) Courses 2023-2024

Option or Elective Courses 10 credits in any combination. Please refer to the Alberta Program of Study at https://www.alberta.ca/programs-of-study.aspx for more information about the courses listed below.	Credit Value	Offering
Other Instruction - Work Experience courses are offered outside of the timetable and off-campus at the student's place of employment. Each work experience course is time based, with one (1) credit being awarded for every 25 hours worked.	Credit Value	Offering
OTH1998 - Work Experience 15	5	Semester 1 - Sep 2023 and Semester 2 - Feb 2024
OTH2998 - Work Experience 25	5	Semester 2 - Feb 2024

OTH3998 - Work Experience 35	5	Semester 1 - Sep 2024
Locally Developed Courses (LDC): Second Languages and Other Subjects -The great importance of our Locally Developed Courses in Arabic Language and Culture with a Quranic focus and Islamic Studies founded upon the truth of Islam form a strong addition to our core courses and are offered synchronously (live). More information about our LDC courses can be found in the Core Course Details section below.	Credit Value	Offering
LDC1330 - Arabic Language and Culture 15-3Y	5	Semester 1 - Sep 2023 and Semester 2 - Feb 2024
LDC2330 - Arabic Language and Culture 25-3Y	5	Semester 2 - Feb 2024
LDC3330 - Arabic Language and Culture 35-3Y	5	Semester 1 - Sep 2024
LDC1785 - Islamic Studies 15	5	Semester 1 - Sep 2023 and Semester 2 - Feb 2024
LDC2785 - Islamic Studies 25	5	Semester 2 - Feb 2024
LDC3785 - Islamic Studies 35	5	Semester 1 - Sep 2024
Fine Arts Offered synchronously and asynchronously	Credit Value	Offering
FNA1400 Art 10	5	Semester 1 - Sep 2023 and Semester 2 - Feb 2024
FNA2400 Art 20	5	Semester 2 - Feb 2024
FNA3400 Art 30	5	Semester 1 - Sep 2024
Social Sciences Offered synchronously and asynchronously	Credit Value	Offering
SSN2181 Origins of Western Philosophy 20	3	Semester 2 - Feb 2024
SSN2155 Political Thinking 20	3	Semester 2 - Feb 2024

SSN2176 General Sociology 20	3	Semester 2 - Feb 2024
SSN2187 Economics for Consumers 20	3	Semester 2 - Feb 2024
SSN3161 – World Religions 30 - Islamic Civilization	3	Semester 1 - Sep 2023 and Semester 2 - Feb 2024
SSN3166 – World Geography 30	3	Semester 2 - Feb 2024
SSN3183 - Microeconomics 30	3	Semester 2 - Feb 2024
SSN3185 – Western World History 30	3	Semester 2 - Feb 2024
SSN3194 - Macroeconomics 30	3	Semester 1 - Sep 2024
Career and Technology Studies (CTS) Offered synchronously and asynchronously. Each Course is worth 1 credit.	Credit Value	Offering
Health, Recreation and Human Services (HRH) Cluster of CTS Courses: Course Information can be found using the link below CTS Courses: Health, Recreation & Human Services		
FOD1010 Food Basics	1	Semester 1 - Sep 2023 and Semester 2 - Feb 2024
FOD2030 Food Decisions and Health (prerequisite FOD1010)	1	Semester 1 - Sep 2023 and Semester 2 - Feb 2024
FOD3010 Food for Life Stages (prerequisite FOD1010)	1	Semester 1 - Sep 2023 and Semester 2 - Feb 2024
LGS1010 Legal Studies - Private Law	1	Semester 1 - Sep 2023 and Semester 2 - Feb 2024
LGS1020 Legal Studies - Public Law	1	Semester 1 - Sep 2023 and Semester 2 - Feb 2024

LGS1030 Legal Studies - Relationship Law	1	Semester 1 - Sep 2023 and Semester 2 - Feb 2024
Business, Administration, Finance & Information Technology (BIT) Cluster of CTS Courses: Course Information can be found using the link below: CTS Courses: Business, Administration, Finance & Information Technology		
CSE1010 Computer Science 1	1	Semester 1 - Sep 2023 and Semester 2 - Feb 2024
CSE2010 Computer Science 2 (Prerequisite Computer Science 1)	1	Semester 1 - Sep 2023 and Semester 2 - Feb 2024
CSE3010: Computer Science 3(Prerequisite Computer Science 2)	1	Semester 2 - Feb 2024
CSE3020 Computer Science 4 (Prerequisite Computer Science 3)	1	Semester 2 - Feb 2024
Media, Design & Communication Arts (MDC) Cluster of CTS Courses: Course Information can be found using the link below: CTS Courses: Media, Design and Communication Arts		
COM1145 Animation 1	1	Semester 1 - Sep 2023 and Semester 2 - Feb 2024
COM2145 Animation 2 - (Prerequisite Animation 1)	1	Semester 1 - Sep 2023 and Semester 2 - Feb 2024
COM3145: Animation 3 (Prerequisite Animation 2)	1	Semester 1 - Sep 2023 and Semester 2 - Feb 2024

COM1055: Web Design 1	1	Semester 1 - Sep 2023 and Semester 2 - Feb 2024
COM2055 Web Design 2	1	Semester 1 - Sep 2023 and Semester 2 - Feb 2024

Please note that we are always adding CTS courses throughout the school year. If there is a course you do not see here and would like to take one listed in the CTS Course list please email the guidance counselor or administration.

A complete list of all CTS course offerings from Alberta Education can be found using the link below and accessing the cluster of courses on the left-side menu bar.

[CTS Programs of Study](#)

CORE COURSE DETAILS

The course descriptions below provide a general outline of learning outcomes and topics covered in the courses as stipulated by Alberta Education. In addition to these general outcomes, many Islamic teachings and themes will be incorporated into the courses from the Quran, Aqeedah, Seerah, Fiqh, Sunnah, Hadith literature, Islamic History and Islamic Art and Architecture.

Career and Life Management

PED0770 – Career and Life Management (CALM)

CALM 20 Prerequisite: none CALM is required for graduation with an Alberta High School Diploma.

The aim of the CALM program is articulated through three general outcomes.
--

- | |
|--|
| <ul style="list-style-type: none">· General Outcome 1: Personal Choices – Students will apply an understanding of the emotional/psychological, intellectual, social, spiritual and physical dimensions of health from an Islamic perspective and the dynamic interplay of these factors in managing personal wellbeing.· General Outcome 2: Resource Choices – Students will make responsible decisions in the use of finances and other resources that reflect personal values and goals and demonstrate commitment to self and others as guided by Islamic values of charity, mercy and duty.· General Outcome 3: Career and Life Choices – Students will develop and apply processes for managing personal, and lifelong career development as a process towards self-improvement and <i>taqwa</i>. |
|--|

Prerequisite: None

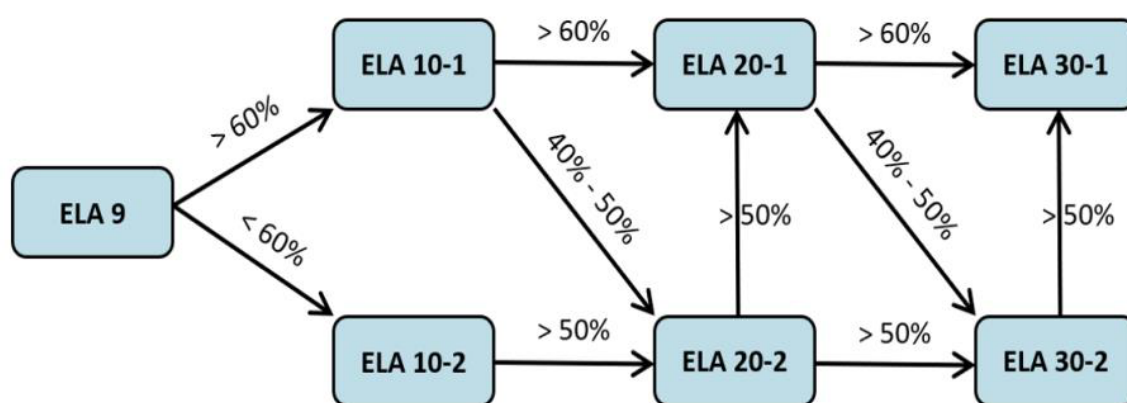
These three general outcomes serve as the foundation of the CALM course, and each general outcome is to be addressed.

The general outcomes are interrelated and interdependent. For example, processes for responsible decision making regarding the use of resources are also related to career choices. All choices influence and are influenced by the interrelationship of the dimensions of well-being. For student learning, an understanding of these interconnections is crucial, since life decisions often involve the intricate dynamics of balance between many areas simultaneously.

English Language Arts

There are two basic aims of senior high school English language arts. One aim is to encourage, in students, an understanding and appreciation of the significance and artistry of literature. A second aim is to enable each student to understand and appreciate language and to use it confidently and competently for a variety of purposes, with a variety of audiences and in a variety of situations for communication, personal satisfaction and learning.

English Language Arts Course Stream



ELA1105 – English Language Arts 10-1

English Language Arts 10-1 concentrates on the writing skills necessary for constructing literary analysis and personal responses to literature. Students will be exposed to grammar, spelling, writing techniques, vocabulary development, poetry and a major novel study. A short modern play or a Shakespearean play will be introduced at this level. Most course materials are available online but students will require access to a dictionary and thesaurus and a writer's handbook (several will be discussed) is optional to purchase. Various Islamic themes and values will be introduced in the course to emphasize the lofty ideals of good character through *ihsan* and foundational beliefs of *iman* as the essential fabric of human nature rooted in Islam; specific details will be provided by the teacher at the beginning of the course.

Prerequisite: English 9

ELA1104 – English Language Arts 10-2

English Language Arts 10-2 concentrates on the basics of everyday writing including building writing skills, self-expression, writing letters and other correspondence. Students will complete a study of basic communication skills, grammar, spelling, and essential writing skills through the study of short stories, poetry, a novel and either a play or a film study. Various Islamic themes and values will be introduced in the course through discussion, assignments and reflection.

Prerequisite: English 9

ELA2105 – English Language Arts 20-1

English Language Arts 20-1 builds on the skills taught in English 10-1 and expands into different types of writing including narrative, comparative, critical, and descriptive. The emphasis is writing critical analysis' to the standard that is required for the grade 12 diploma. Students study Macbeth, poetry, short stories, a film, and a novel of their choice in the literary project format. Various Islamic themes and values will be introduced in the course to emphasize the lofty ideals of good character through *ihsan* and the foundational beliefs of *iman* as the essential fabric of human nature rooted in Islam; specific details will be provided by the teacher at the beginning of the course.

Prerequisite: English 10-1

ELA2104 – English Language Arts 20-2

English Language Arts 20-2 builds on the communication skills learned in English 10-2 by exploring other forms of writing including technical writing, resumes, cover letters, memos, etc. Students will study a novel of their choice in the form of a literary project, short stories, lyrics, a modern play and a film study. Emphasis is placed on reading, grammar, spelling and becoming a confident communicator in today's world. Various Islamic themes and values will be introduced in the course through discussion, assignments and reflection; specific details will be provided by the teacher at the beginning of the course.

Prerequisite: English 10-2

ELA3105 - English Language Arts 30-1

English Language Arts 30-1 is the final course in the academic series that normally leads to university programs. Students study short stories, poetry, Hamlet, a film and a novel. Students will further improve their writing skills through self-expression in the form of personal responses and critical analysis. Grammar, spelling and increasing vocabulary usage will be emphasized. Various Islamic themes and values will be

introduced in the course to emphasize the lofty ideals of good character through *Ihsan* and the foundational beliefs of *Iman* as the essential fabric of human nature rooted in Islam; specific details will be provided by the teacher at the beginning of the course. Students will be required to write a government diploma exam worth 30% of their final mark in this course.

Prerequisite: English 20-1

ELA3104 - English Language Arts 30-2

English Language Arts 30-2 will continue to hone the students' communication skills including expression through non-fiction or novel study, film study, a modern play, lyrics, short stories and visual compositions. Students will continue to build their reading and analysis skills, interpretive skills and if time warrants they will experiment with multimedia presentations. Various Islamic themes and values will be introduced in the course through discussion, assignments and reflection; specific details will be provided by the teacher at the beginning of the course. Students will be required to write a government diploma exam worth 30% of their final mark in this course.

Prerequisite: English 20-2

Mathematics

The main goals of mathematics education are to prepare students to:

- solve problems
- communicate and reason mathematically
- make connections between mathematics and its applications
- become mathematically literate
- appreciate and value mathematics
- make informed decisions as contributors to society.

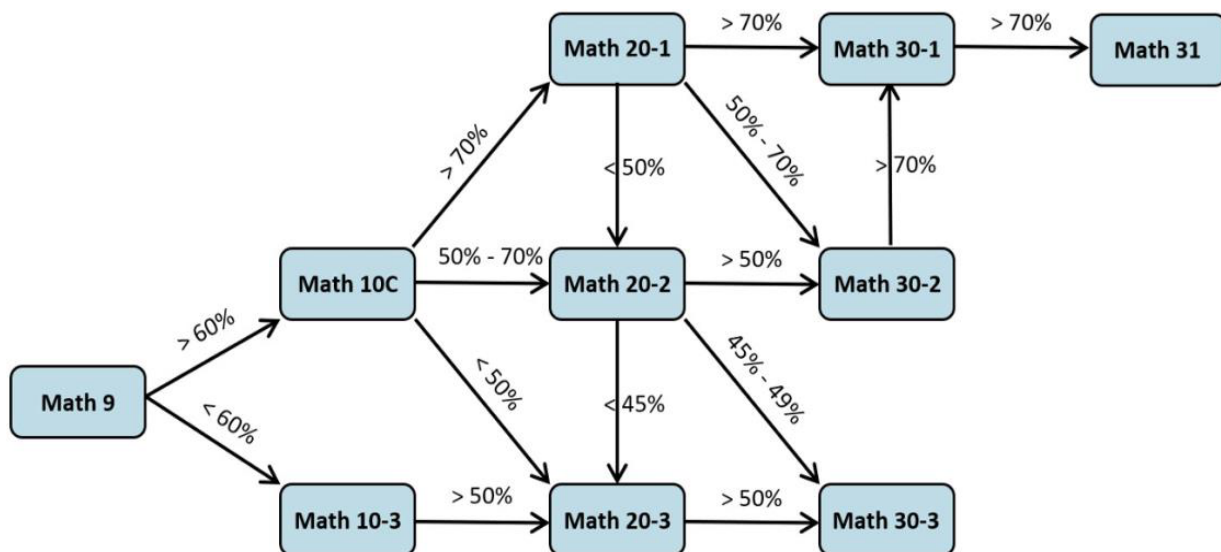
Furthermore, seven mathematical processes are critical aspects of learning, doing and understanding mathematics. Students must encounter these processes regularly in a mathematics program in order to achieve the goals of mathematics education. This program of studies incorporates the following interrelated mathematical processes. They are to permeate the teaching and learning of mathematics. Students are expected to:

- use communication in order to learn and express their understanding

- make connections among mathematical ideas, other concepts in mathematics, everyday experiences and other disciplines
- demonstrate fluency with mental mathematics and estimation
- develop and apply new mathematical knowledge through problem solving
- develop mathematical reasoning
- select and use technology as a tool for learning and for solving problems
- develop visualization skills to assist in processing information, making connections and solving problems.

All seven processes should be used in the teaching and learning of mathematics.

Mathematics Course Stream



MAT1791 - Mathematics 10C

Mathematics 10C is based on the Alberta Education Program of Studies. It is the first high school Math course in the sequence designed for students with interest and aptitude in mathematics and considering

post-secondary studies. Topics covered are Measurement, Trigonometry, Exponents & Radicals, Polynomials, Functions & Relations, Linear Equations, and Linear Systems. Various Islamic teachings will be introduced in the course through assignments and examples that aim to emphasize the uniqueness and precision in the creation of Allah (SWT); specific details will be provided by the teacher at the beginning of the course. This course is a prerequisite for Mathematics 20-1 and 20-2.

Prerequisite: Mathematics 9

MAT1793 - Mathematics 10-3

Mathematics 10-3 is based on the Alberta Education Program of Studies. It is the first high school Math course in the sequence designed for students with interest and aptitude for workplace and apprenticeship program Mathematics. Various Islamic teachings will be introduced in the course through assignments and examples that aim to emphasize the uniqueness and precision in the creation of Allah (SWT); specific details will be provided by the teacher at the beginning of the course. This course is a prerequisite for Math 20-3, and Mathematics Mathematics 10-3. Topics: Money and Personal Finances, Measurement, Geometry, Right Triangles and Trigonometry. Algebra is a component of all topics in the course.

Prerequisite: Mathematics 9

MAT2791 - Mathematics 20-1

Mathematics 20-1 is based on the Alberta Education Program of Studies. It is the second course in the sequence designed for students with interest and aptitude in mathematics and considering post-secondary studies in most colleges and universities. Various Islamic teachings will be introduced in the course through assignments and examples that aim to emphasize the uniqueness and precision in the creation of Allah (SWT); specific details will be provided by the teacher at the beginning of the course. The course is a prerequisite for Mathematics 30-1. The course may also be used as a prerequisite for Mathematics 30-2. Topics: Series and Sequences, Trigonometry, Quadratics, Radicals, Rational Expressions & Equations, Absolute Values & Reciprocals, and Equations & Inequalities.

Prerequisite: Mathematics 10-C

MAT2792 - Mathematics 20-2

Mathematics 20-2 is based on the Alberta Education Program of Studies. It is the second course in the sequence designed for students with interest and aptitude in mathematics and considering post-secondary

studies in most colleges and some universities. Various Islamic teachings will be introduced in the course through assignments and examples that aim to emphasize the uniqueness and precision in the creation of Allah (SWT); specific details will be provided by the teacher at the beginning of the course. The course is a prerequisite for Mathematics 30-2. For further guidance in selection between 20-1 or 20-2, contact the post-secondary institutions. Units: Radicals, Quadratic Functions, Logic and Reasoning, Geometry, Proportional Reasoning, and Statistics.

Prerequisite: Math 10-C

MAT3791 - Mathematics 30-1

Math 30-1 is a pre-calculus course. It is advised that students considering taking Math 30-1 consult the post-secondary program that they wish to enter, to ensure that Math 30-1 is the requirement. The curriculum in Math 30-1 is designed for those students who are specifically entering a Math related field that focuses on Calculus. Various Islamic teachings will be introduced in the course through assignments and examples that aim to emphasize the uniqueness and precision in the creation of Allah (SWT); specific details will be provided by the teacher at the beginning of the course. Students will be required to write a government diploma exam worth 30% of their final mark in this course.

Prerequisite: Mathematics 20-1

MAT3792 - Mathematics 30-2

Mathematics 30-2 is based on the Alberta Education Program of Studies. It is the final course in the sequence designed for students who want to attend a university, college, or technical institute after high school, but do not need calculus skills. If you are considering post-secondary fields such as arts, civil engineering technology, medical technologies, or some apprenticeship programs, you should take Mathematics 30-2. Various Islamic teachings will be introduced in the course through assignments and examples that aim to emphasize the uniqueness and precision in the creation of Allah (SWT); specific details will be provided by the teacher at the beginning of the course. Students will be required to write a government diploma exam worth 30% of their final mark in this course. Topics: Set Theory, Counting Methods, Probability, Rational Expressions & Equations, Polynomial Functions, Exponential Functions, Logarithmic Functions, and Sinusoidal Functions.

Prerequisite: Mathematics 20-2

MAT3793 - Mathematics 30-3

Mathematics 30-3 is based on the Alberta Education Program of Studies. It is the third high school math course in the sequence designed for students with interest and aptitude for workplace and apprenticeship program Mathematics. Various Islamic teachings will be introduced in the course through assignments and examples that aim to emphasize the uniqueness and precision in the creation of Allah (SWT); specific details will be provided by the teacher at the beginning of the course. Topics: Probability, Statistics, Measurement, Trigonometry, Geometry and Business Plans. Algebra and Games are included in all topics in the course.

Prerequisite: Mathematics 20-3

Physical Education

Online physical education requires students to regularly attend activities they have organized to receive the course credit. The teacher may at times ask students to attend a class in person. This, however, will not be mandatory. The Islamic aim of the PE program is to live the ideals and realities of the saying of the Messenger of Allah (SAW) as related by Abu Huraira “The strong believer is more beloved to Allah than the weak believer, but there is goodness in both of them. Be eager for what benefits you, seek help from Allah, and do not be frustrated.”

PED1445 - Physical Education 10

Physical Education 10 (5 credits) enables students to develop the knowledge, skills, and attitudes necessary to lead active, healthy lifestyles. Students are required to participate in selected activities from all five dimensions of the PE curriculum: Games, Gymnastics/Flexibility, Alternative Environment, and Individual Activities. Additionally, students are required to obtain certification in HeartSaver CPR (Cardiopulmonary Resuscitation). Any additional costs incurred to meet the requirements of each dimension are the responsibility of the participant.

Participants in Physical Education 10 must be supervised by an individual(s) over the age of 18 who have expertise in that area (ie, coach, lifeguard, fitness instructor). The supervisor is responsible to ensure the activities are completed in adherence to The Safety Guidelines for Physical Activity in the Alberta Schools manual and to assess the student's competency in each activity. Family members are allowed to supervise a maximum of 25 hours, as long as they are qualified to do so. There is no final exam.

Physical Education 10 Prerequisite: none

Online physical education requires students to regularly attend activities they have organized to receive the course credit. The teacher may at times ask students to attend a class in person. This, however, will not be mandatory.

Students will be asked to track their activities which are exercise based. The hours of activity will count towards their credit. This can be done at home, by joining a gym, outside, community sports and more. Students will also be required to read and complete evaluations or assignments on various topics from health to fitness to game play.

The Phys. Ed. 10 program is an activity-based course. The aim of the program is to enable individuals to develop the knowledge, skills and attitudes necessary to lead an active, healthy lifestyle. Online PE is set up differently. Students are to attend activities in their community and parents will sign off on their participation. There may be times where the teacher will invite students to participate in activities off campus. These opportunities are optional, but we hope students will take this opportunity to connect.

Prerequisite: None

PED2445 - Physical Education 20

Physical Education 20 expands on student's development of the knowledge, skills, and attitudes necessary to lead active, healthy lifestyles. Students are required to participate in various activities from three of the following five dimensions from the PE curriculum: Games, Gymnastics/Flexibility, Alternative Environments, and Individual Activities. Participants in Physical Education 20 are required to be supervised by a responsible adult during all activities. As well, students are required to have a minimum 50% of their activities supervised by a qualified individual (ie, coach, lifeguard, fitness instructor). The supervisor(s) is responsible to ensure the activities are completed in adherence to The Safety Guidelines for Physical Education in Alberta Schools manual, as well as to assess student's competency in each activity. Students will develop a better understanding of quality goal setting practices, take part in a healthy eating/nutrition dimension, and volunteer/coach within their community. There is no final exam.

Prerequisite: Physical Education 10

PED3445 - Physical Education 30

The aim of Physical Education 30 online is to enable individuals to develop the knowledge, skills and attitudes necessary to lead an active, healthy lifestyle. Students are required to participate in selected activities from all five dimensions of the PE curriculum: Games, Gymnastics/Flexibility, Alternative Environment, and Individual Activities. Students will complete a minimum 75 activity hours, as well as five volunteer hours in a physical activity or sports setting.

Participants in Physical Education 30 must be supervised by an individual(s) over the age of 18 who have expertise in that area (ie, coach, lifeguard, fitness instructor). The supervisor is responsible to ensure the activities are completed in adherence to The Safety Guidelines for Physical Activity in the Alberta Schools

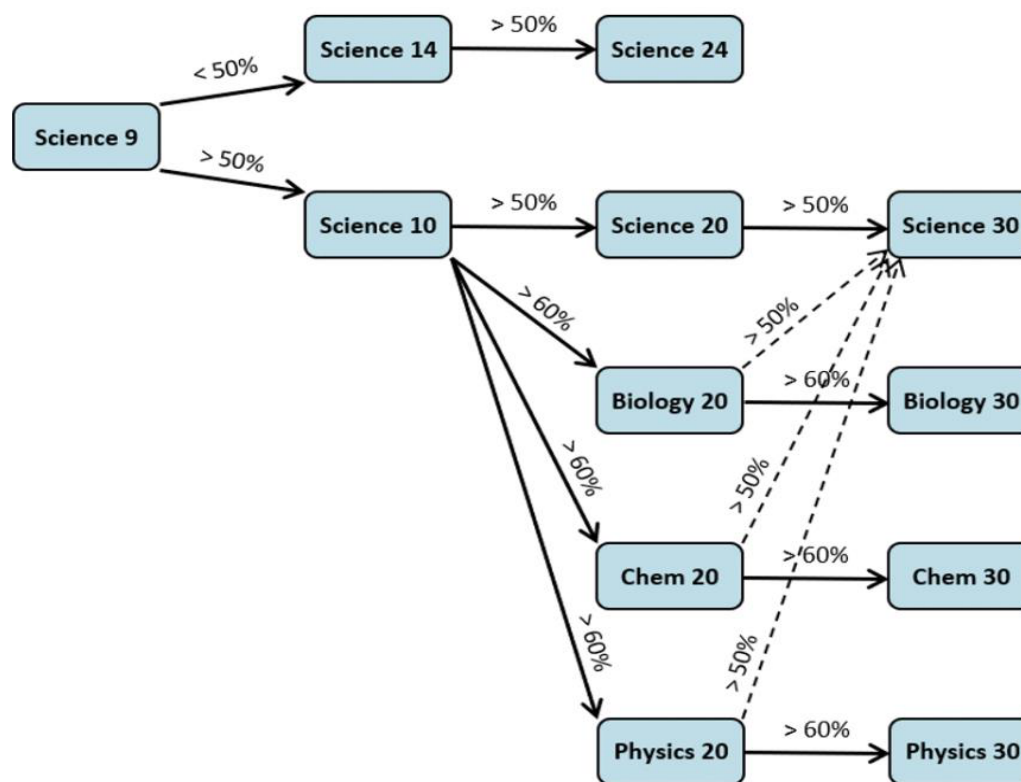
manual. Students will be required to complete monthly logs with reflections, five projects throughout the course, as well as participate in sharing boards. There is no final exam.

Prerequisite: Physical Education 20

Science

Students will develop the science-related knowledge, skills and attitudes that they need to solve problems and make decisions, and at the same time help them become lifelong learners—maintaining their sense of wonder about the world around them and understanding that Allah (SWT) is the source of such wonder and design.

Science Course Stream



SCN1270 – Science 10

Science 10, the first course in the academic sequence, provides students with opportunities to explore, analyze, and appreciate the interrelationships among science, technology, society, and the environment. Topics studied in Science 10 include Energy and Matter in Chemical Change, Energy Flow in Technological Systems, Cycling of Matter in Living Systems, and Energy Flow in Global Systems. Students develop understandings that affect their personal lives, careers, and futures.

Prerequisite: Science 9

SCN1288 – Science 14

Science 14 is the first of the 14-24 general science series satisfying science requirements of a high school diploma. The four modules are sequential: Module 1 - Investigating Properties of Matter, Module 2 - Energy Transfer Technologies, Module 3 - From Life to Lifestyle, and Module 4 - Matter and Energy in the Biosphere. Science 14 contains several investigations from which students build their knowledge and understanding of concepts. Most investigations can be completed using common household materials.

Prerequisite: Science 9

SCN2270 – Science 20

Science 20 has four units: Chemical Change, Changes in Motion, The Changing Earth, and Changes in Living Systems.

Prerequisite: Science 10

SCN3270 – Science 30

Science 30 has four units: Maintaining Health, Chemistry and the Environment, Electromagnetic Energy, and Energy and the Environment. Students will be required to write a government diploma exam worth 30% of their final mark in this course.

Prerequisite: Science 20

Biology

SCN2231 – Biology 20

Biology 20 studies four major topics: 1) Energy and Matter Exchange in the Biosphere, 2) Ecosystems and Population Change, 3) Photosynthesis and Cellular Respiration, and 4) Human Systems.

Prerequisite: Science 10

SCN3230 – Biology 30

Biology 30 includes a study of the nervous system, hormones and control, reproduction and human development, cell division and classical genetics, heredity and molecular genetics, population dynamics, and populations and communities. Students will be required to write a government diploma exam worth 30% of their final mark in this course.

Prerequisite: Biology 20

Chemistry

SCN2796 – Chemistry 20

Chemistry 20 is composed of four units: Chemical Bonding - explaining the diversity of matter; Gases as a Form of Matter; Solutions, Acids, and Bases; and Quantitative Relationships in Chemical Changes.

Prerequisite: Science 10

SCN3796 – Chemistry 30

Chemistry 30 is composed of four units that involve the study of thermochemistry, electrochemistry, organic chemistry, and equilibrium. Students will be required to write a government diploma exam worth 30% of their final mark in this course.

Prerequisite: Chemistry 20

Physics

SCN2797 – Physics 20

Physics 20 studies Kinematics, Dynamics, Circular Motion & Gravitational and Mechanical Waves.

Prerequisite: Science 10

SCN3797 – Physics 30

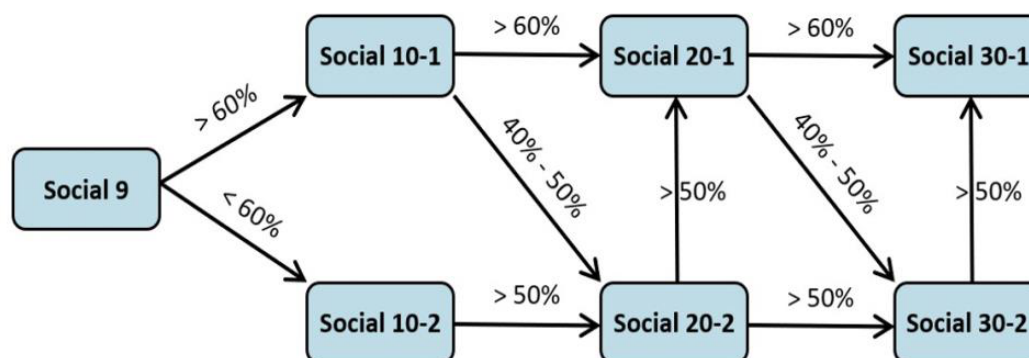
Physics 30 studies four major topics: 1) Momentum and Impulse, 2) Forces and Fields, 3) Electromagnetic Radiation, and 4) Atomic Physics. Laboratory work is not required. Learning outcomes are covered by online simulations. Optional Diploma Exam preparation resources are available. Students will be required to write a government diploma exam worth 30% of their final mark in this course.

Prerequisite: Physics 20

Social Studies

Social Studies provides opportunities for students to develop the attitudes, skills and knowledge that will enable them to become engaged, active, informed and responsible citizens.

Recognition and respect for individual and collective identity is essential in a pluralistic and democratic society. Social studies help students develop their sense of self and community, encouraging them to affirm a place as citizens in a democratic society as guided by the virtues of Islam of *Wisdom, Temperance, Courage and Justice*.



SST1771 – Social Studies 10-1

Social Studies 10-1: Perspectives on Globalization is the first course in the -1 stream for students with interest and aptitude in Social Studies. Students explore multiple perspectives on the origins of globalization and the impact of globalization on identity, lands, cultures, economies, human rights, and quality of life. They also examine the relationships among globalization, citizenship, and identity to enhance skills for citizenship in a world in which all people are increasingly interconnected and interdependent.

Prerequisite: Social Studies 9

SST1772 – Social Studies 10-2

Social Studies 10-2: Living in a Globalizing World is the first course in the -2 stream for students who want to achieve the basic Social Studies requirements. Students explore multiple perspectives on the origins of globalization and the impact of globalization on identity, lands, cultures, economics, human rights, and quality of life. They also examine the relationships among globalization, citizenship, and identity to enhance skills for citizenship in a world in which all people are increasingly interconnected and interdependent.

Prerequisite: Social Studies 9

SST2771 – Social Studies 20-1

Social Studies 20-1: Perspectives on Nationalism is the second course in the -1 stream for students with interest and aptitude in Social Studies. Students explore the complexities of nationalism starting with the origins of our great nation and traveling through time to explore nationalism in the context of Canada's role with other nations. The course includes study of the origins of nationalism and the influence of nationalism on regional, international, and global relations. The infusion of multiple perspectives allows students to develop understandings of nationalism and how nationalism contributed to the citizenship and identities of peoples in Canada. Students are expected to listen to and interact with the current happenings in the world today through social media or news websites.

Prerequisite: Social Studies 10-1

SST2772 – Social Studies 20-2

Social Studies 20-2: Understandings of Nationalism is the second course in the Alberta High School Social Studies curriculum. It encourages students to explore key issues by investigating related issues. The key issue focuses on “To what extent should we embrace nationalism?” This examines the historical and contemporary understanding of nationalism in Canada and the world. The origins and impacts of nationalism on individuals and communities are explored using examples of nationalism, ultra-nationalism, supra-nationalism, and internationalism examined from multiple perspectives. Topics of study include the French Revolution, World War I, ultra-nationalism in Nazi Germany, and the development of foreign policy in the Global Village. Students are encouraged to develop personal and civic responses to emergent issues related to nationalism.

Prerequisite: Social Studies 10-2 or Social Studies 10-1

SST3771 – Social Studies 30-1

Social Studies 30-1, the final course in the 10-1, 20-1 and 30-1 series, explores the perspectives of ideologies and examines the spectrums within the political and economic environments. Students will examine the concept of classical liberalism and contrast it with the ideology of socialism and examine different countries and leaders' historical and present ideologies in respect to the spectrums. A huge emphasis will be placed on current events and the examination of world changing events such as the Cold War, the Vietnam War and 9-11 to name a few. Students will focus on their interpretation and dissection of the events studied within the Islamic perspective. Students will be required to write a government diploma exam worth 30% of their final mark in this course.

Prerequisite: Social Studies 20-1 or Social Studies 30-2

SST3772 – Social Studies 30-2

Social Studies 30-2, the final course in the 10-2, 20-2 and 30-2 series, examines the perspectives of ideologies and examines the spectrums within the political and economic environments. Students will examine the concept of classical liberalism and contrast it with the ideology of socialism and examine different countries and leaders' historical and present ideologies in respect to the spectrums. A huge emphasis will be placed on current events and the examination of world changing events such as the Cold War, the Vietnam war and 9-11 to name a few. Students will focus on their understanding of the events studied and how they have helped from the world we are presently living in within the Islamic perspective. Students will be required to write a government diploma exam worth 30% of their final mark in this course.

Prerequisite: Social Studies 20-2 or Social Studies 20-1

Locally Developed Courses (LDC): Second Languages and Other Subjects

Arabic Language and Culture

This Arabic Language and Culture Three-Year (3Y) Program is intended for students who are beginning their study of Arabic language and culture in senior high school. Arabic is a language of a rich culture and civilization dating back many centuries. It is a difficult, but rewarding language to learn and understand for professional reasons, academic scholarship, and in order to enjoy a rich cultural exchange with a large population of the world.

The aim of the Arabic Language and Culture, Three-Year Program (15-25-35 3Y) is the development of communicative competence in Arabic through a study of the Quranic text along with traditional Islamic literature.

LDC1330 - Arabic Language and Culture 15-3Y - Grade 10

LDC2330 - Arabic Language and Culture 25-3Y - Grade 11

LDC3330 - Arabic Language and Culture 35-3Y - Grade 12

For the purposes of this program, communicative competence is represented by four interrelated and interdependent components.

1. The Application component deals with what the students will be able to do with the language, the functions they will be able to perform and the contexts in which they will be able to operate.
2. The Language Component addresses the students' knowledge of the language and their ability to use that knowledge to interpret and produce meaningful texts appropriate to the situation in which they are used.
3. Global Citizenship aims to develop intercultural competence with a particular focus on cultures associated with the Arabic language.
4. The Strategy component helps students learn and communicate more effectively and more efficiently.

Students will be required to write a final exam worth 20% of their final mark in each course taken.

Islamic Studies 15-25-35

Islamic Studies 15-25-35 is a locally developed course sequence designed for both non-Muslim and Muslim students. For non-Muslim students, this course sequence provides the opportunity to develop an understanding of Islam as a major world religion. For Muslim students, this course sequence fosters the exploration and validity of their own

Islamic values, beliefs and understanding. The primary goal of Islamic Studies 15-25-35 is to provide students with knowledge about the history and teachings of Islam and the Prophet Muhammad (SAW) based on the Qur'an and his Sunnah. In addition to fostering an understanding of Islam, this course sequence supports the development of *taqwa* and knowledge that prepares students to answer relevant issues faced by high school students today.

LDC1785 - Islamic Studies 15 - Grade 10

LDC2785 - Islamic Studies 25 - Grade 11

LDC3785 - Islamic Studies 35 - Grade 12

The Essential Understandings of Islamic Studies 15-25-35 is:

- 1: Exploring the foundations of Islam allows us to develop an understanding and conviction for the faith.
- 2: Analyzing diverse worldviews and experiences outside of Islam fosters our ability and willingness to live well together while maintaining our beliefs and values in the Islamic faith
- 3: Exploring connections within the Islamic Civilizations strengthens our understanding of relationships to help us make meaning of the world and our Islamic identity.

In addition to the essential understandings the three year Islamic Studies program aims to answer issues from an Islamic Perspective on the following:

1. Science and Materialism and God's existence
2. The Oneness and Majesty of God
3. What does Design prove and Atheism?
4. Suffering and Divine Wisdom
5. Reason and Revelation
6. Evolution and Islam
7. Evidence that the Prophet was God's Messenger
8. Miracles
9. Morality and the purpose of life.

Students will be required to write a final exam worth 20% of their final mark in each course taken.