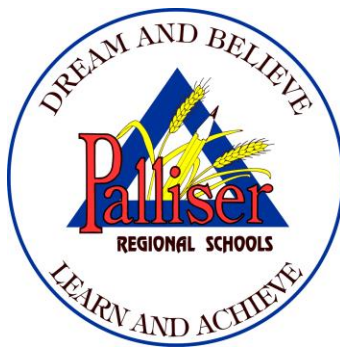




**Heritage**  
CHRISTIAN ACADEMY

**2018-2019 HIGH SCHOOL  
COURSE REGISTRATION  
HANDBOOK**



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*ibelieve... ibelong... ibecome...*

## **INTRODUCTION**

The purpose of this document is to help our high school families through the course selection process for the next school year. This document outlines what is required in high school and what options our students have available to them and should be referenced when making choices on the ***web-link sent to each student's email account***. This will occur on Wednesday, May 23. All responses will be time-stamped; as such course options are available on a first-come, first-served basis.

Much of the following information is a synopsis of what Alberta Education currently offers online. We have used this information with the permission of the Alberta government and if you would like more details; please access their website at: <http://education.alberta.ca>.

At Heritage Christian Academy we adhere to Alberta curriculum guidelines. Because we are an alternative Christian school, we also require a faith-based component to earn a distinct Heritage Christian Academy diploma. This faith based component consists of one Bible class per year of attendance at Heritage Christian Academy. The successful completion of these Bible courses is a requirement for both re-enrolment for the next school year and for receiving an HCA diploma (in the case of Bible 30.)

Heritage Christian Academy runs a six day rotation for courses in order to maximize our Options offerings. Our core academic classes run on a semester system (September-January or February-June) and our Bible and Options classes run on a full year system (September-June).

## **CHRISTIAN EDUCATION**

As an alternative Christian school within the Palliser Regional School District, our Society Board and School Administration is tasked with ensuring our students receive Christian Education while enrolled at Heritage Christian Academy. A Christian worldview is integrated into every subject taught to our students. In addition to this, our students take Christian Education (Bible) classes and attend chapels. High School students at Heritage Christian Academy must successfully complete a Bible class in every year of attendance, and Grade 12 Bible is a required course in order to receive a Heritage diploma and take part in our graduation ceremonies in June.

## **HIGH SCHOOL PREREQUISTE REQUIREMENTS**

For students entering Grade 10, the following marks in Grade 9 (Mathematics, Science, Language Arts and Social Studies) permit entry into the following classes:

### **Mathematics 9**

Above 50%	-	Math 10C
Below 50%	-	Math 10-3*

### **Science 9**

Above 50%	-	Science 10
Below 50%	-	Science 14*

### **Language Arts 9**

Above 50%	-	English 10-1
Below 50%	-	English 10-2

### **Social Studies 9**

Above 50%	-	Social Studies 10-1
Below 50%	-	Social Studies 10-2

*\* These courses will only be offered on-campus with sufficient enrolment. If these courses are not offered on-campus, distance learning options may be pursued*

The progression into grade 11 and 12 courses varies from subject to subject.

## HIGH SCHOOL REGISTRATION

### Important Information for Students and Parents

Credits - each subject has a certain credit value. Credit values are based on three factors:

1. Time: to obtain 5 credits, a student receives 125 hours of instruction. To obtain 3 credits a student receives 62.5 hours of instruction. To obtain 1 credit (CTS courses only) a student receives 25 hours of instruction.
2. Attendance: A student must attend more than 50% of a class to receive credit for that class. Partial credits cannot be granted.
3. Achievement: To obtain credits in any High School course, a student must achieve a mark of 50% or higher.

At Heritage Christian Academy, students are required to carry the following **on-campus\*** credit loads:

Grade 10 – 44 credits

Grade 11 – 38 credits

Grade 12 – 33 credits

***\*On-Campus credits DO NOT include on-line course credits.***

***\*Please note: if courses are offered on-site at HCA students are STRONGLY ENCOURAGED to take the class at this registered location during the school year. If there is a conflict in scheduling or a course is not offered at HCA – on-line school may be an option and we can help you pursue it. Please see HCA administration prior to enrolling in on-line courses.***

## COMPREHENSIVE COURSE OFFERINGS PER GRADE LEVEL

Course selections are developed each spring to reflect new timetable scheduling. A full selection of courses is listed below by grade level. ***Actual selection of courses is dependent on enrolment, staffing and timetabling.*** Student selection of courses is also subject to the pre-requisites and recommendations set forth by the Alberta government and HCA. For detailed course descriptions see appendix 1.

<b>Grade 10</b> (students are required to take 44 on-site credits)	<b>Option Block 1</b> (3 Credit hours total)	<b>Option Block 2</b> (3 Credit hours with the exception of French 10 – 5 Credit hours)	<b>Option Block 3</b> (3 Credit hours with the exception of French 10 – 5 Credit hours)	<b>Option Block 4</b> (3 Credit hours)	<b>Option Block 5</b> (3 credit hours)
Bible 10 – Ethics and Morality (3 credits)	Senior Choir – FY only	Jazz Band – FY only (please note this class is by audition only)	Vocal Jazz – FY (please note this class is by audition only)	Industrial Arts S1 and Learning Commons/HCS 3000 S2	Outdoor Education
Career and Life Management (3 credits)	Communication Technology (Yearbook) FY only	Art – FY only	Sports Performance	Learning Commons/HCS 3000 Full Year	Sports Medicine
Social Studies 10-1, 10-2 or 10-4 (5 credits)	Photography Select: S1 and S2 or S2 only if taking Industrial Arts S1	Foods (this class is offered twice – select once) Select: S1 and S2 or S2 only if taking Industrial Arts S1	Leadership		
English 10-1, 10-2 or 10-4(5 credits)	Foods (this class is offered twice -select once) Select: S1 and S2 or S2 only if taking Industrial Arts S1	French 10 – FY only (please note that this will be offered in Block 2 OR Block 3 depending on demand)	French 10 – FY only (please note that this will be offered in Block 2 OR Block 3 depending on demand)		
Math 10C, 10-3 or 10-4 (5 credits)	Industrial Arts - offered S1 only. If you select this, please choose one of the above options for S2	Forensics 25 – FY only (please note completion of Science 10 is required to achieve credits for this class)	Wildlife		
Science 10 or 14 (5 credits)		Video Production Select: S1 and S2 or S2 only if taking Industrial Arts S1	Choice Option -Child Care -Plants -Financial Mgmt -Drafting		
		Public Speaking Select: S1 and S2 or S2 only if taking Industrial Arts S1			
Physical Education 10 (3 credits)		Industrial Arts - offered S1 only. If you select this, please choose one of the above options for S2			
<b>Before School</b> *Drama 10/20/30 – 2 times per week (3 credits) *Band 10/20/30 – 3 times per week (3 credits)	<b>After School</b> * REV 7 – Tuesday (3 credits)				

<b>Grade 11</b> (students are required to take 38 on-site credits)	<b>Option Block 1</b> (3 Credit hours total)	<b>Option Block 2</b> (3 Credit hours with the exception of French 10 – 5 Credit hours)	<b>Option Block 3</b> (3 Credit hours with the exception of French 10 – 5 Credit hours)
Bible 20 – World Religions (3 credits)	Senior Choir – FY only	Jazz Band – FY only (please note this class is by audition only)	Vocal Jazz – FY (please note this class is by audition only)
Social Studies 20-1, 20-2 or 20-4 (5 credits)	Communication Technology (Yearbook) - FY only	Art – FY only	Sports Performance
English 20-1, 20-2 or 20-4(5 credits)	Photography Select: S1 and S2 or S2 only if taking Industrial Arts S1	Foods (please note this class is offered twice due to high demand – select once) Select: S1 and S2 or S2 only if taking Industrial Arts S1	Leadership
Math 20-1, 20-2, 20-3 or 20-4 (5 credits)	Foods (please note this class is offered twice due to high demand – select once) Select: S1 and S2 or S2 only if taking Industrial Arts S1	French 10/20 – FY only (please note that this will be offered in Block 2 OR Block 3 depending on demand)	French 10/20 – FY only (please note that this will be offered in Block 2 OR Block 3 depending on demand)
*Physics 20 and/or Chemistry 20 and/or Biology 20 or Science 24(each worth 5 credits)	Industrial Arts - offered S1 only. If you select this, please choose one of the above options for S2	Forensics 25 – FY only	Wildlife
*Please note you require one science at the 20 level in order to meet diploma requirements.	PE 20/30 – FY only	Video Production Select: S1 and S2 or S2 only if taking Industrial Arts S1	Choice Option -Child Care -Plants -Financial Management -Drafting Wildlife
		Public Speaking Select: S1 and S2 or S2 only if taking Industrial Arts S1	
		Industrial Arts - offered S1 only. If you select this, please choose one of the above options for S2	
<b>Before School</b> *Drama 10/20/30 – 2 times per week (3 credits) *Band 10/20/30 – 3 times per week (3 credits)	<b>After School</b> * REV 7 – Tuesday (3 credits)	<b>Outside of School</b> * Work Experience – credits vary	

<b>Grade 12</b> (students are required to take 33 on-site credits)	<b>Option Block 1</b> (3 Credit hours total)	<b>Option Block 2</b> (3 Credit hours with the exception of French 10 – 5 Credit hours)	<b>Option Block 3</b> (3 Credit hours with the exception of French 10 – 5 Credit hours)
<b>Required</b> (Total of 23 – 33 Credits)	Senior Choir – FY only	Jazz Band – FY only (please note this class is by audition only)	Vocal Jazz – FY (please note this class is by audition only)
Bible 30 – Contemporary Western Philosophy (3 credits)	Communication Technology (Yearbook) - FY only	Art – FY only	Sports Performance
Social Studies 30-1 or 30-2 (5 credits)	Photography Select: S1 and S2 or S2 only if taking Industrial Arts S1	Foods (please note this class is offered twice due to high demand – select once) Select: S1 and S2 or S2 only if taking Industrial Arts S1	Leadership
English 30-1 or 30-2 or 30-4(5 credits)	Foods (please note this class is offered twice due to high demand – select once) Select: S1 and S2 or S2 only if taking Industrial Arts S1	French 10/20 – FY only (please note that this will be offered in Block 2 OR Block 3 depending on demand)	French 10/20 – FY only (please note that this will be offered in Block 2 OR Block 3 depending on demand)
*Math 30-1 or 30-2 (5 credits)	Industrial Arts - offered S1 only. If you select this, please choose one of the above options for S2	Forensics 25 – FY only	Wildlife
*Chemistry 30, Physics 30 and/or Biology 30 (each worth 5 credits)	PE 20/30 – FY only	Video Production Select: S1 and S2 or S2 only if taking Industrial Arts S1	Choice Option -Child Care -Plants -Financial Management -Drafting Wildlife
		Public Speaking Select: S1 and S2 or S2 only if taking Industrial Arts S1	
		Industrial Arts - offered S1 only. If you select this, please choose one of the above options for S2	
<b>Before School</b> *Drama 10/20/30 – 2 times per week (3 credits) *Band 10/20/30 – 3 times per week (3 credits)	<b>After School</b> * REV 7 – Tuesday (3 credits)	<b>Outside of School</b> * Work Experience – credits vary	



## **APPENDIX 1: DETAILED COURSE DESCRIPTIONS**

### **Bible 10 – Ethics and Morality (3 credits)**

Bible 10 will discuss what morality is in the light of Biblical Truths. We will discuss these truths in depth and then relate them to ethics and how we as Christians can make intelligent and moral decisions. We will discuss various current moral and ethical issues and how Christians ought to respond from a Biblical worldview.

### **Bible 20 – World Religions (3 credits)**

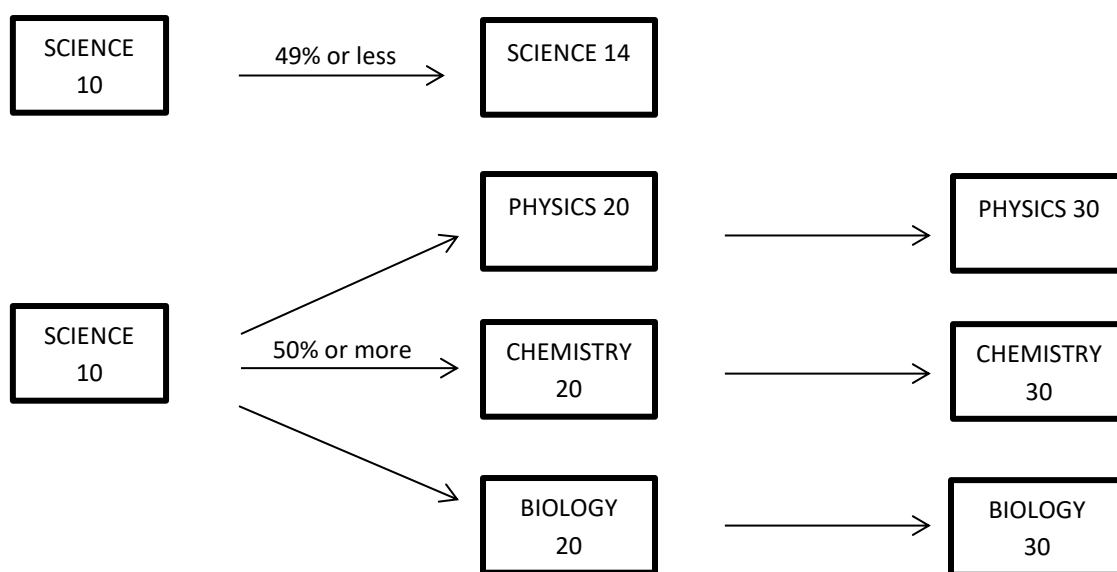
This is a comprehensive course where students learn about various world religions such as religions of the ancient world, Buddhism, Hinduism, Islam, and a variety of others. The study of world religions is compared to Christianity with an emphasis on understanding and witnessing to other cultures. Students will also learn basic Christian apologetics and how the Christian principles relate to World Religions.

### **Bible 30 - Contemporary Western Philosophy (3 credits)**

The primary purpose of this course is to develop an understanding of the Christian worldview in areas of theology, philosophy, ethics, biology, psychology, sociology, law, politics, economics, and history and to compare this to competing worldviews such as Secular Humanism, Marxism/Leninism, Islam, Postmodernism and Cosmic Humanism that are so prevalent in our universities and culture today. Students will also explore the development of Worldview through the venue of Apologetics.

## SCIENCES – 5 CREDITS

Science 10 covers Chemistry, Physics and Biology as individual units of study within the course. At this level, students now have the choice of selecting these disciplines individually for more concentrated study. At HCA we offer Biology, Chemistry and Physics as courses of study. In order to graduate in Alberta students must take and achieve a passing mark (50%) in at least one 20 level Science. Many students will take all three Sciences to keep their post-secondary options open. For those students who do not need or may struggle with Science we offer Science 24, which presents the curricular material in straightforward and practical manner. The Science 14/24 stream will complete requirements for high school graduation, but cannot be used as options to pursue post-secondary programs.

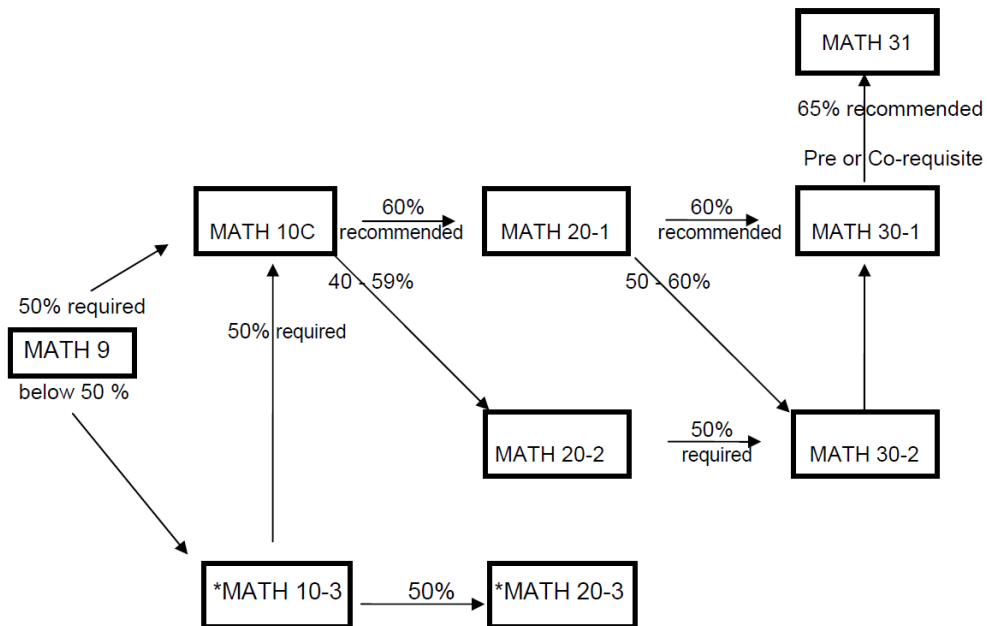


## MATH – 5 CREDITS

Alberta's new Math curriculum was implemented in the 2010/2011 school year. Math 10C is now the platform course that most students will take in pursuing math throughout high school. Starting in grade 11, students will choose from three different streams of math. Math 20/30-1 is designed for highly focused math students that will pursue math programs in post-secondary schools (engineering, physics, health sciences, etc.). The Math 20/30-2 stream will also be accepted at universities, but they will not be accepted towards programs that place a heavy emphasis on math. The Math 20/30-3 stream will be appropriate for students planning on entering a trade or vocational program after high school. All three of these streams conclude with a Diploma Exam. Here is a brief description as provided by Alberta Education:

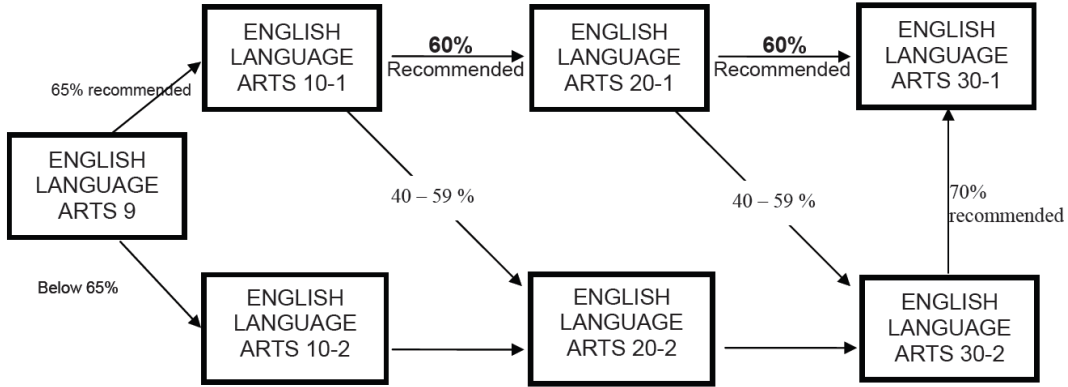
## Sorting Out The Math Issue!

Math 10 C is the pre-requisite to Math at the -1 and -2 levels. Math 10-3 is the pre-requisite to Math at the -3 level.		
Math 20-1 and 30-1	Math 20-2 and 30-2	Math 20-3
University programs related to math such as science, engineering, commerce, computer science, calculus.	University programs that are not math related and do not require the study of calculus including humanities, social sciences, arts and education. (Please check into your program of choice prior to selecting this route)	Most trades and diploma programs and direct entry into the work force
<p>Strong Skills required in:</p> <ul style="list-style-type: none"> <li>Algebra, equations</li> <li>Number Measurement</li> <li>Trigonometry, exponents</li> <li>Permutations, Combinations and Binomial theorem</li> <li>Relations and functions</li> <li>Mental Math skills</li> <li>Problem Solving</li> </ul>	<p>Strong Skills required in:</p> <ul style="list-style-type: none"> <li>Algebra, equations</li> <li>Number operations and logic</li> <li>Relations and functions</li> <li>Geometry and measurement</li> <li>Statistics and Probability</li> <li>Reasoning</li> <li>Mental math skills and problem solving</li> </ul>	<p>Skills taught:</p> <ul style="list-style-type: none"> <li>Algebra</li> <li>Basic equations and statistics</li> <li>Number operations</li> <li>Measurement, geometry</li> <li>Consumer math</li> <li>Basic graphing</li> <li>Personal Finance</li> <li>Income tax, loans and mortgages</li> </ul>

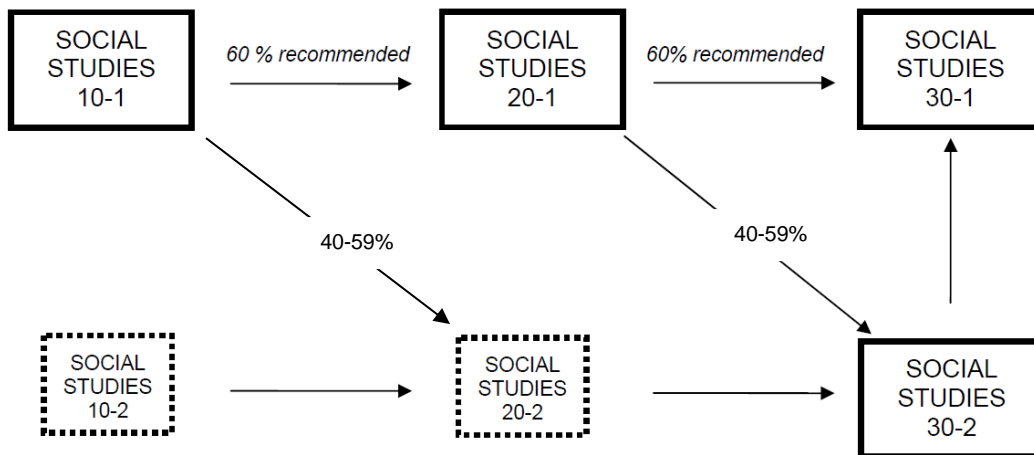


## HUMANITIES

In order to qualify for a high school diploma in Alberta, all students must complete three years of English Language Arts (ELA) and Social Studies. At HCA we offer the -1 and -2 streams of ELA and Social Studies as a choice for your children.



GRADE 11 MARK	RECOMMENDED PROGRAM	STUDENT'S GOALS
Above 60%	ENGLISH LANGUAGE ARTS 30-1	UNIVERSITY, or ANY OTHER POST SECONDARY PROGRAM
BELOW 59%	ENGLISH LANGUAGE ARTS 30-2	TECHNICAL INSTITUTES, COLLEGES, DIPLOMA PROGRAMS, BUT <b><u>NOT</u></b> UNIVERSITY



## **CAREER AND LIFE MANAGEMENT (CALM) - 3 credits**

CALM 20 is a three credit core course required of all Alberta high school students. The curriculum is structured into three modules: Personal & Interpersonal Challenges - relationships, well-being, health & lifestyle; Career & Post-Secondary Explorations – interest inventories, career searches and job shadowing; and Financial Planning and Consumer Choices.

## **PHYSICAL EDUCATION 10 – 3 credits**

Physical Education 10 is a three credit course and is required for a high school diploma. This class focuses on the development of lifetime fitness skills. It is designed to contribute to the physical, mental, social, and emotional development of the students. Although team sports will be the focus of the PE 10 program, some individual and non-competitive activities will be incorporated. Fitness is also a very important component of this program.

## **OPTION COURSES**

*This is a complete list of all option course offerings available in any given year at Heritage Christian Academy. This list may be added to or subtracted from based on course enrolment and/or teacher availability. School Administration reserves the right to change student timetables to reflect any such changes. As many option classes tend to fill up quickly, preference will be given to Course Option Forms in the order they were returned to the school office.*

### **PE 20/30\* (3 credits) \*Prerequisite – PE 10/20**

The aim of Physical Education 20/30 is to enable individuals to develop the knowledge, skills and attitudes necessary to lead an active, healthy lifestyle. Strong evidence exists that involvement in physical activity contributes to the overall well-being of individuals. The program is based on four general outcomes that are interrelated and interdependent: Activity, Benefits to Health, Cooperation and Do it daily for life.

NOTE: Course Fee: for off campus activities

## **Fine Arts**

### **Art 10/20\* (3 credits) \*Prerequisite – Art 10**

The focus in Art 10/20 will emphasize three general areas of study: three dimensional media (Styrofoam sculpture), water colour and/or acrylic painting technique, and sketching (pencil, crayon, and pastel). Practically, the course will cover the concepts of perspective, design, pattern, movement, depth, line weight, pointillism, shade, gradient, and colour theory. Throughout the course effort will be made to relate/apply Biblical ideas to artistic meaningful taste.

**Art 30 (5 credits)** \* Prerequisite – Art 20

The focus in Art 30 is more fully on the concepts begun in Art 10/20. Students will be exposed to works of well-known artists and movements (i.e. Van Gogh and Impressionism) and experiment using these techniques. Students in Art 30 must complete a 50-hour independent project in order to receive the additional 2 credits they require to make this a 5 credit course.

**Choir (3 credits)**

This program offers a unique educational experience in which you may gain not only musical skills and a lifelong appreciation of music, but discipline, self-confidence and a sense of accomplishment by working with others toward the common goal of *excellence*. As a member of the Heritage Senior Choir you are expected to be a credit to your choir, your school, and your community. Because this is a performance based group which requires rehearsing outside the timetable you will be required to sign a contract which will centre on attendance.

**Drama 10/20\* (3 credits) & Drama 30\* (5 credits)** \*Prerequisite – Drama 10 for Drama 20 and Drama 20 for Drama 30

Drama is a unique form of expression whose components lend to a healthy understanding of the individual and society at large. Communication skills, vital to the developing student, are enhanced by studying drama. Through the disciplines of the program (orientation, movement, speech, improvisation, theatre studies, technical theatre and design) students will practice and develop dramatic skills within the context of performance.

**Band 10/20 (3 credits) & Band 30 (5 credits)**

Music played in this class is the most demanding of any instrumental ensemble in the Heritage music program, and as such, students are expected to be highly proficient on their chosen/assigned instrument. Students wishing to audition for the other specialized instrumental groups (such as Jazz Band) must hold membership in Senior Band. The design of this program is for performance at provincial/national festivals and a commitment to touring is expected. Membership in Senior Band does not necessarily guarantee a spot on tour if the Director does not feel that playing standards have been met.

**Jazz Band (3 credits)**

This is a locally developed performance class for instrumentalists. Students enjoy opportunities to explore the skills required to play a jazz repertoire. Admission into this course is by audition only. Auditions take place in the spring of the previous school year.

**Vocal Jazz (3 credits)**

This locally developed course is designed to expose the students to all facets of performing in a vocal jazz ensemble. Admission into this course is by audition only. Auditions take place in the spring of the previous school year.

**Rev 7 10/20\*/30\* (3 credits) \*Prerequisite – Rev 10/20**

Rev 7 is our High School worship band. This class meets Tuesdays after school to prepare to lead worship in our chapel services. Students receive General Music credits upon satisfactory completion of a year of Rev 7.

**Second Languages**

**French 10, 20\* (5 credits)**

These courses continue the development of oral, written, listening and reading skills through individual assignments, creative projects and cultural activities. Students will continue to build upon their knowledge of francophone cultures. A mark of 60% in French 9 or an equivalent level of French competency is a pre-requisite for French 20.

**Career and Technology Studies (CTS), Humanities, Mathematics and Sciences Option classes**

*CTS courses are made up of three independent modules, with each successfully completed module worth 1.0 credit towards graduation. Many CTS options have prerequisites which must be completed prior to taking the next level of course. At HCA we have developed a CTS 1, 2, 3 classification system in order to ensure students have the required CTS prerequisites prior to moving on. For example, in order for a student to take Drafting and Design 2 the student must have successfully completed Drafting and Design 1, and so forth.*

*This classification does not apply to Humanities, Mathematics and Science options. These courses are not made up of 1.0 credit options, but rather are cumulative courses where students earn the entire credit or no credit at all.*

**Career and Technology Studies Trailer**

Students in this course will develop basic hand tool and production skills to transform common building materials safely into useful products. They will also examine common building systems and develop basic skills related to building a simple model or full-size system/structure. Finally, students will develop basic skills related to the safe use and operation of one or more common electric welding processes.

<b>Courses Offered</b>
CON1010 – Construction/Tools and Materials
CON1070 – Building Construction
FAB1010 – Fabrication/Tools and Materials
FAB1050 – Basic Electric Welding

\*Courses are subject to change.

**Communication Technology 1 and 2\*, 3\* (3 credits)** \* Prerequisite – Comm Tech 1 and 2

The CTS Communication Technology course teaches students to discover and develop skills to relay a message effectively using various forms of media, including animation, print, photography and audio/visual. This course primarily focuses on creating the HCA school yearbook.

Level 1 Courses	Level 2 Courses	Level 3 Courses
COM1025: Typography	COM3025: Electronic Layout and Publishing 2	COM3910: COM Project D
COM2025: Electronic Layout and Publishing 1	COM2910: COM Project B	COM3920: COM Project E
COM1910: COM Project A	COM2175: Interactive Presentation	COM2920: COM Project C

\*Courses are subject to change.

**Drafting and Design 1 and 2\* (3 credits)** \* Prerequisite – Drafting and Design 1

The CTS Drafting and Design course helps students to learn about the creative process of drafting and design. Students interested in careers such as architecture and engineering would enjoy this class.

Level 1 Courses	Level 2 Courses	Level 3 Courses
DES1060: Technical Design & Drafting 1	DES2065: Technical Design 2	DES3065: Technical Design 3
DES1050: CAD 1	DES2055: CAD 2	DES3055: CAD 3
DES1910: DES Project A	DES2910: DES Project B	DES3910: DES Project D

\*Courses are subject to change.

**Fashion Studies 1 and 2\*, 3\* (3 credits)** \* Prerequisite – Fashion Studies 1 and 2

The CTS Fashion Studies Course helps students increase their knowledge of the fashion industry and prepares them for fashion-related careers or for roles as consumers. Students are introduced to working with patterns, choosing appropriate materials, learning to safely operate sewing machines, and will create a portfolio of personal projects. This is a module-based course in which students will complete three modules for credit.

Level 1 Courses	Level 2 Courses	Level 3 Courses
FAS1030: Sewing Fundamentals	FAS2040: Evolution of Fashion	FAS3140: Fashion Retailing
FAS1130: Construction Fundamentals 1	FAS2160: Creating Accessories 2	FAS3070: Creators in Fashion
FAS1060: Creating Accessories 1	FAS2110: Creating Home Decor	FAS3040: Contemporary Tailoring

\*Courses are subject to change.



**Financial Management 1,2\*and 3\* (3 credits)** \* Prerequisite – Financial Management 1 and 2

The CTS Financial Management course helps students to develop the skills needed to manage finances for themselves and for a small business, and to appreciate the importance of financial management. At the advanced level, students develop skills in research and decision-making that provide insight into the role of management in business.

Level 1 Courses	Level 2 Courses	Level 3 Courses
FIN1010: Personal Financial Information	FIN1030: Accounting Cycle 2	FIN2070: Payroll Accounting
FIN1015: Accounting Prep	FIN2020: Retail Accounting 1	FIN3040: Financial Statements
FIN1020: Accounting Cycle 1	FIN2030: Retail Accounting 2	FIN3080: Personal Investment Planning 1

\*Courses are subject to change.

**Foods 1 and 2\*, 3\* (3 credits)** \*Prerequisite – Foods 1 and 2

The CTS Foods course helps students develop an appreciation for: the nature of food, nutrition and health, management, safety, sanitation and equipment, preparation of food, presentation and service, consumerism/food selection, multicultural aspects of food, and food ecology.

<b>FOD1010: FOOD BASICS</b> - this prerequisite will be offered every year in Semester 1 for students entering the Foods option classes for the first time.		
Rotation 1 Courses	Rotation 2 Courses	Rotation 3 Courses
FOD3060: Food Presentation	FOD3110: Food Processing	FOD3020: Nutrition & Digestion
FOD3160: Regional Cuisine	FOD3100: Entertaining with Food	FOD3040: Yeast Products
FOD3070: Short-order Cooking	FOD3050: Advanced Soups and Sauces	FOD3030: Creative Baking

\*Courses are subject to change.

**Forensics 25\* & Forensics 35\* (3 credits)** \* Prerequisite - Science 10 (Forensics 25) and Forensics 25 (Forensics 35)

Through the study of Forensic Science, students are given the opportunity to explore how scientific concepts from a variety of disciplines apply specifically to this unique field. This course will promote the importance of scientific literacy and problem solving techniques.

**Information Processing 1 and 2, 3\* (3 credits)** \* Prerequisite – INF 2050

The CTS Information Processing course helps students develop knowledge and skills relating to computer technologies in six areas: systems management, text/data input, productivity software, applied processing, programming, and emerging technologies.

Level 1 Courses	Level 2 Courses	Level 3 Courses
INF1030: Word Processing 1	INF2050: Word Processing 2	INF3060: Word Processing 3
INF1050: Data Base 1	INF2070: Data Base 2	INF3010: Hardware and Software Analysis
INF1060: Spreadsheet 1	INF2080: Spreadsheet 2	INF3080: Project Management Tools

\*Courses are subject to change.

**Leadership 1 and 2\*, 3\* (3 credits)** \* Prerequisite – Leadership 1 and 2

The CTS Leadership course teaches students to take initiative and engage in various leadership opportunities throughout the school year. Students will be planning and leading assemblies, creating video announcements, working in the Mentorship Program, going through a book study and much more. This is an interactive and exciting course!

\*Courses are subject to change.

**Legal Studies 1 and 2\*, 3\* (3 credits)** \*Prerequisite – Level 1 and Level 2

The CTS Legal Studies course helps students develop the knowledge, skills and attitudes required to respond appropriately to the influences of law in their daily lives. The intermediate and advanced level courses give a broader perspective as students research challenging issues and career-related opportunities. This is a module-based course in which students will complete three modules for credit.

Level 1 Courses	Level 2 Courses	Level 3 Courses
LGS1010- Public Law	LGS2030: Environmental Law	LGS3010: Property Law
LGS1020- Private Law	LGS2050: Law and the Traveler	LGS3020: Dispute Resolution
LGS1030- Relationship Law	LGS3070: Landmark Decisions	LGS3080: Criminal Law

\*Courses are subject to change.

**Mathematics 31\* (Calculus) (5 credits)** \* Corequisite – Math 30-1

The Mathematics 31 is an optional course designed to introduce students to the mathematical methods of calculus. The course acts as a link between the outcomes of the Mathematics 10/20/30-1 program and the requirements of post-secondary programs. The course builds on existing skills in working with functions and expands this knowledge to include a study of limits in preparation for a study of differential and integral calculus. The methods of calculus are applied to problems encountered in the areas of science, engineering, business and other fields of endeavor.

**Outdoor Education 1 (3 credits)**

The CTS Outdoor Education class builds upon the theory and practical skills of the Middle School courses. This course is divided into a number of courses, three of which will be covered at each level for credit. The aspirations for the course are:

- to nurture a respect and appreciation for God’s Creation
- to promote a sense of wonder, fun, and adventure in teaching and learning
- to build a sense of community
- to gain confidence in one’s own skills and abilities
- to build character
- to push one’s mental and physical boundaries while recognizing and respecting the limits of safety

## Outdoor Education (cont'd)

Courses Offered
HCS2020 – First Aid/CPR with AED
WLD1130 – Outdoor Survival Skills
WLD2130 – Outdoor Excursion

\*Courses are Subject to change

### Photography 1 and 2\*, 3\* (3 credits) \* Prerequisite – Photography 1 and 2

The CTS Photography course teaches students to discover and develop skills to relay a message effectively using various forms of media, including print and photography.

Level 1 Courses	Level 2 Courses	Level 3 Courses
*COM1005: Visual Composition (Shared pre-requisite with Video Production)	COM2205: Photography - Composition	COURSE COM 3205: Photography - Lighting
COM1205: Photography - Introduction	COURSE COM2215: Photography - Communication	COM 3245: Photography - Outdoor
COM1215: Photography – Exposure COM1275: Photography and Digital Processing 1	COURSE COM2920: COM PROJECT C	COURSE COM3225: Photography - Colour Or COURSE COM3920: COM PROJECT E

\*Courses are subject to change.

**Plants** Plants aims to provide students with experience working with soil, seeds and tending to plants.

### Psychology 20 (3 credits)

Psychology 20 aims to provide students with a general background in psychology including its history and the principles of learning and thinking, all from a Biblical perspective. Students also learn about stress and aggression, the influence of small groups, and the status of roles. They also gain insights regarding neurosis and psychosis.

### Public Speaking (3 credits)

In public speaking, students will learn multiple strategies of effective speaking and develop confidence in their abilities as they learn to apply these skills to the various practical situations they will experience, such as the giving of class presentations, devotions, or even in chapel.

### Sports Medicine 1 (3 credits) \* Prerequisite – Sports Medicine 1

The CTS Sports Medicine course looks at the basic anatomy and physiology of the human body, common sports injuries and taping. Students will also receive training in Standard First Aid and AED and may be eligible for Canadian Red Cross certification in Sports Medicine 1.

## Sports Medicine (cont'd)

Courses Offered
HCS2020 – First Aid/CPR with AED
HSS101 – Health Services Foundation
REC1020 – Injury Management

\*Courses are subject to Change

### Sports Performance 1 and 2\*,3\* (3 credits) \* Prerequisite – Sports Performance 1 and 2

The CTS Sports Performance course examines, through a combination of theory and practical exposure, areas of sport, students will be expected to demonstrate outcomes as they relate to the study of current training principles, performance enhancement, sports injuries, performance evaluation, sports studies and personal development through participation in sport.

Level 1 Courses	Level 2 Courses	Level 3 Courses
HSS1020 – Nutrition and Wellness	REC2010 – Nutrition for Recreation Activities and Sport	REC3040 – Training and Conditioning
REC1040 – Foundations for Training I	REC2040 – Foundations for Training II	REC3050 – Sport Psychology III
REC1050 – Sport Psychology I	REC2050 – Sport Psychology II	Project or Human Movement or Coaching and Officiating

\*Courses are subject to change.

### Video Production 1 and 2\*, 3\* (3 credits) \* Prerequisite – Video Production 1 and 2

The CTS Video Production course teaches students basic audio/video techniques and methods as well as plan and shoot three short video projects. Goals are to demonstrate knowledge of a variety of video camera techniques and to show an understanding of the video pre-production process. Some familiarity with Adobe Premier Elements or other video editing software is beneficial, but not a requirement.

Level 1 Courses	Level 2 Courses	Level 3 Courses
*COM1005 – Visual Composition (shared pre-requisite with Comm Tech)	COM2105 – AV Pre-production 1	COM3105 - AV Pre-production 2
COM1105 – Audio/Video	COM2115 – AV Production 1	COM3115 – AV Production 2
COM1015 - Media	COM2125 – AV Post Production 1	COM3125 – AV Post Production 2

\*Courses are subject to change.

**Wildlife (3 credits – 1 credit per module)**

This is a project based course which has students researching issues related to Alberta wildlife and wildlife around the world. Each module will have approximately 3 research projects. We will have a zoo field trip to focus on the Canadian Wilds specifically but other regions around the world as well. One of the assignments in Wildlife 3020 is based on this trip.

<b>Courses Offered</b>
Wildlife 1010 – An introduction to Wildlife: Students develop the attitudes, skills and knowledge related to wildlife and ecosystems, and an understanding for the need to manage wildlife.
Wildlife 1020 – Wildlife Diversity: Students investigate the diversity of Canadian wildlife in terms of structure, behaviour and habitat, and compare Alberta wildlife with wildlife in other parts of the world.
Wildlife 3020 – Wildlife Protection and Stewardship: Students examine how human populations and wildlife affect each other, and explore management strategies that enable humans and wildlife to coexist and individual and shared actions that foster environmental stewardship.

\*Courses are subject to change.

**Work Experience (credits vary)**

Work Experience enables students to explore career options and develop skills in one or more areas of work. Students may use their part-time employment to earn credits towards graduation. There are prerequisite CTS courses that must be taken prior to credits being awarded. Credits are awarded based upon the hours of work a student chooses to complete. Students earn 1 credit for every 25 hours worked. A student may use up to 15 credits towards their Diploma requirements. There is a required online Workplace Safety course that must be completed prior to earning Work Experience credits.

**APPENDIX 2: COURSE FEES**

Option Course fees Payable to Heritage Christian Academy for Grades 10-12 – Please Note this does not include the Activity Fee or Yearbook Fee, which will be posted on the HCA Website.			
To Take Note of	Option	Purpose	Fee
<b>Choir NO COST if student is also in Band</b>	Band (instrument rental is over and above this - \$200)	Cost of Materials or Services	\$95
	Choir		\$45
<b>V.J. and J.B. NO COST if in Band and/or Choir</b>	Vocal Jazz		\$45
	Jazz Band		\$95
<b>Please note the cost of First Aid in these options is not included in this price and will be charged separately – approximately \$80.00</b>	OE		\$100
	Sports Med		\$20
	Art		\$60
	Comm. Tech (Yearbook)		No fee
	Drafting & Design		No fee
	Drama		\$45
	Financial Management		No fee
	Foods		\$70
	Forensics		\$10
	Industrial Arts		\$75
	Leadership		\$20
	Legal Studies		No fee
	PE 20/30		\$100
	Photography		\$50
	Plants		\$10
	Public Speaking		No fee
	Sports Performance	No fee	
	Video Production	\$50	
Wildlife	\$40		
Work Experience	No fee		
<b>Special Fees</b>			
Program	Additional Note	Purpose	Fee
Phys Ed Gym Strip - one time charge unless a replacement needed (grades 6 - 12)	Charged at the time of purchase.		\$40
Field Trips (There may be additional charges for field trips in grade 7-12 if cost is over and above base fees.)			

## **APPENDIX 3: HIGH SCHOOL DIPLOMA AND CERTIFICATE REQUIREMENTS: GRADE 12 PLANNER**

### **Alberta High School Diploma Requirements**

The following are the **minimum** requirements for the Alberta High School Diploma. To earn a High School Diploma, a student graduating must earn a **minimum of 100 credits\*** which includes the following:

- Bible 30 (HCA graduation requirement)
- English 30-1 or 30-2
- Social Studies 30-1 or 30-2
- Mathematics 20-1, 20-2, or 20-3
- Biology, Chemistry, Physics or Science 20
- Physical Education 10
- Career and Life Management (CALM) 20
- 10 credits in Fine Arts, Career and Technology Studies (CTS), Physical Education 20, Physical Education 30
- 10 credits in any 30 level courses in addition to English or Social Studies

*\* HCA recommends its students strive for more than the minimum 100 credits in order to keep as many post-secondary options open as possible.*

### **Alberta High School Certificate of Achievement Requirements**

The requirements indicated in this chart are the minimum requirements for a student to attain a Certificate of High School Achievement. The requirements for entry into post-secondary institutions and workplaces may require additional and/or specific courses.

- Bible 30 (HCA graduation requirement)
- English 20-2 or 30-4
- Mathematics 10-3 or 20-4
- Science 14 or 20-4
- Physical Education 10
- Career and Life Management (CALM) 20
- 5 Credits in 30 level: K&E occupational course or CTS course or authorized locally developed course
- 5 Credits in 30 level: K&E Workplace Practicum course or Work Experience course or Green Certificate course or Special Projects
- OR
- 5 credits in RAP course

\* To qualify for a Certificate of High School Achievement, students must successfully complete a minimum of one academic Knowledge and Employability course.

**It is strongly suggested that students meet with the Career Counselor immediately upon beginning High School at HCA.**

**GRADE 12 DIPLOMA ROUTE GRADUATION PLANNER (33 On-site Credits are Required for Grade 12)**

1. Number of credits currently held. \_\_\_\_\_
2. Courses you plan to take:

Course	Credits	Course	Credits

3. Total Credit Count

Currently held Credits: \_\_\_\_\_

Grade 12 Credits: + \_\_\_\_\_

**Total:** \_\_\_\_\_

4. Will you meet Diploma Requirements?

- Will you have 100 credits? \_\_\_\_\_
- Will you have English 30-1 or 30-2? \_\_\_\_\_
- Will you have Social Studies 30-1 or 30-2? \_\_\_\_\_
- Will you have 10 additional 30 level credits? \_\_\_\_\_
  - (30, 33 or CTS 30 level courses)
- Will you have a Science at the 20 level? \_\_\_\_\_
- Will you have a Math at the 20 level? \_\_\_\_\_
- Will you have Physical Education 10? \_\_\_\_\_
- Will you have Career and Life Management (CALM)? \_\_\_\_\_
- Will you have 10 credits in the following in any combination \_\_\_\_\_
  - CTS or Fine Arts or Second Languages or PE 20/30
- Will you have one year of Christian Education for every year you have been at HCA? \_\_\_\_\_



## GRADE 12 CERTIFICATE ROUTE GRADUATION PLANNER

1. Number of credits currently held. \_\_\_\_\_
2. Courses you plan to take:

Course	Credits		Course	Credits

3. Total Credit Count Currently held Credits: \_\_\_\_\_

Grade 12 Credits: + \_\_\_\_\_

**Total:** \_\_\_\_\_

4. Will you meet Certificate Requirements?

- Will you have 80 credits? \_\_\_\_\_
- Will you have English 20-2 or 30-4? \_\_\_\_\_
- Will you have 5 additional 30 level credits? \_\_\_\_\_
  - (K&E Occupational, CTS, or Locally Developed Occupational)
- Will you have a Science 14 or 20-4? \_\_\_\_\_
- Will you have a Math at the 10-3 or 20-4? \_\_\_\_\_
- Will you have Physical Education 10? \_\_\_\_\_
- Will you have Career and Life Management (CALM)? \_\_\_\_\_
  
- Will you have 5 credits in the following in any combination
  - K&E Occupational, CTS, or LDC \_\_\_\_\_
- Will you have 5 credits in the following in any combination
  - K&E WE or WE or Green Certificate or Special Projects \_\_\_\_\_
- OR-**
- Will you have 5 credits in RAP \_\_\_\_\_
  
- Will you have one year of Christian Education for every year you have been at HCA? \_\_\_\_\_

## **APPENDIX 4: Alberta Education myPass Log in information:**

1. What is myPass?
2. Login to [myPass.alberta.ca](https://myPass.alberta.ca) to:  
<https://public.education.alberta.ca/PASI/myPass>
  - Order transcripts
  - Register for diploma exams
  - View diploma exam results
  - View progress towards a credential (diploma or certificate)
  - View student personal information
  - View and print detailed academic reports (DAR)
  - Order additional copies of a credential
3. **To sign up, you must have:**
  - An Alberta Student Number (ASN)
  - A personal email address
  - A correct mailing address on file with Alberta Education

## **In Person**

At your high school – we encourage all high school students to sign up in Grade 10.

## **Online**

- Go to [myPass.alberta.ca](https://myPass.alberta.ca).
- Set up an Education Account or sign in with social media login.
- Enter your Alberta Student Number and date of birth.
- You will receive two things – an email with a URL and a physical letter with a four-digit PIN.
- Once you have received both the email and the letter, go to the URL contained in the email and enter the four-digit PIN.