

HUB@Home High School CTS Course List for 2022/20223 School Year

Course that are marked under development may not be ready for the first semester. Course availability will be dependent on interest/enrollment.

Abnormal Psychology 35

Credits: 3 Prerequisite: None

This course is designed to provide an overview of abnormal behaviour and the conditions that affect individuals in our society. The sections in this course deal with views of abnormality, causal factors, and types of disorders, as well as assessment, prevention, and treatment. When you have completed the course, you should have a basic understanding of the major concepts in abnormal psychology and the complicated nature of psychological illness.

Please note that some of the content in this course is sensitive. Several mental illnesses result from abuse and trauma. Other mental illnesses result in behaviours that fall far outside the realm of what society considers acceptable. Information presented in this course is meant solely for educational purposes and is not intended to offend anyone.

Art 10 (2nd semester only)

Credits: 5 Prerequisite: None

Art 10 allows students to explore art as it spans other subjects. Students will not only develop their own skills of drawing and sculpture but also investigate expression in art pieces and evaluate notable artists.

Business Education 20

Credits: 5 Prerequisite: None

This course is an intermediate business class and will focus on practical applications of business concepts for to small business entrepreneurship. This course is delivered in a modular format, with students completing the following CTS modules sequentially:

ENT1010: CHALLENGE & OPPORTUNITY

ENT2010: ANALYZING VENTURES

ENT2040: CREATE THE VENTURE

ENT2910: ENT PROJECT B

FIN1015: ACCOUNTING PREP

Business Education 30

Credits: 5 Prerequisite: None

Recommended Previous Course: HUB Business Education 20 or in-person Business Education 10 and/or 20.

This is an advanced business class, where students will be challenged to apply their previous business knowledge to specific business-related tasks. It will involve projects from a variety of subject areas and will involve a strong practical component. This course is delivered in a modular format, with students completing the following CTS modules sequentially:

FIN3080: PERSONAL INVESTMENT PLANNING

MAM3040: PROMOTION – SALES TECHNIQUES

MAM3060: SETTING UP A RETAIL STORE

ENT3010: MANAGING THE VENTURE

MAM3100: PROMOTION – BROADCAST ADVERTISING

CALM 20 - Career and Life Management (graduation requirement)

Credits: 3 Prerequisite: None

The aim of this course is to enable students to make well-informed decisions in all aspects of their lives and to develop behaviors and attitudes that contribute to the well-being and respect of self and others, now and in the future.

Computer Programming 10

Credits: 5 credits Prerequisite: None

Students who have an interest in computers, computer networks, computer hardware / software and computer programming will find this to be a valuable course. Students gain experience and knowledge in the general area of computer science and can branch into any of several more specific streams. This stream is a pre-requisite for Computer Programming 20.

CTS modules included in this course:

CSE1010: Computer Science 1*

CSE1110: Structured Programming 1

CSE1120: Structured Programming 2

CSE2110: Procedural Programming 1

CSE1910: CSE Project A**

*Mandatory introductory module for this stream Students have the opportunity to attempt other modules for extra credits.

** Project Modules require relevance in two other modules for credit

Computer Programming 20

Credits: 5 Prerequisite: Computer programming 10

Students who have an interest in computers, computer networks, computer hardware / software and computer programming will find this to be a valuable course. Students gain experience and knowledge in the general area of computer science and are able to branch into any of several more specific streams. This stream is a pre-requisite for Computer Programming 30.

CTS modules included in this course:

CSE2010: Computer Science 2* (*prerequisites: CSE1010, CSE1120*)

CSE2120: Data Structures 1 (*prerequisites: CSE2110*)

CSE2130: Files & File Structures 1 (*prerequisites: CSE2120*)

CSE2140: Second Language Programming 1 (*prerequisites: CSE2110 or CSE1220*)

CSE2910: CSE Project B**

*Mandatory introductory module for this stream Students have the opportunity to attempt other modules for extra credits.

** Project Modules require relevance in two other modules for credit

Computer Programming 30

Credits: 5 Prerequisite: Computer programming 20

This course will be project based. Students are able to use the skills learned in Computer Programming 20 to work with their teacher to design their own projects based on their interests.

Creative Writing 15 (2nd semester only)

Credits: 5 Prerequisite: None

By following their writing interests and passions, students in the course will write a variety of specific creative writing genres. Moreover, students will build and manage their own portfolios.

CTR 1010 - Job Preparation

Credits: 1 Prerequisite: None

Students will learn essential skills that will prepare them to search for jobs, gather resources that will help them approach potential employers, get ready for interviews, and start on their path towards having a great first working experience.

Digital Photography 10

Credits: 5 Prerequisite: None

Digital Photography 10 is a 5-credit module-based course that allows students to express their creativity and voice through photographs. This course will help students navigate the basics of their personal cameras including set-up, and exposure. It will guide students in building their foundational photography skills, and work with principles of design to develop and perfect final proofs. Students will also have the ability to work with editing programs to help create the perfect photograph. The module credits included in this course are: Visual Composition (prerequisite to other modules); Photography Introduction; Photography Exposure; Photography Digital Processing 1; COM Project A.

Experimental Psychology 30

Credits: 3 Prerequisite: None

In this course, students will develop skills and understandings for more effective living in our complex environment. The course will focus on the scientific approach to understanding human behavior, so that the student may appreciate the reasons in one's own acts and those of others.

Foods 10

Credits: 5 Prerequisite: None

Foods 10 is a module-based course, which allows students to learn some basics of kitchen safety, and the essentials to the foundations of cooking/baking. The module credits covered in this Foods 10 course include: Food Basics (prerequisite to other modules), Contemporary Baking, Bread Products, Vegetarian Cuisine, Food and Nutrition Basics.

Foods 30

Credits: 5 Prerequisite: Foods 1010 (Food Basics)

Foods 30 is a module-based course that allows students to extend their knowledge from previous Foods courses to expand on their creativity in the modules of: Creative Baking; Regional Cuisine; Food Preservation; Food Evolution/Innovation and Food Safety.

French 10

Credits: 5 Prerequisites: No

Students will use their life and learning experiences related to specific contexts to understand a variety of messages in French and/or to express messages in French that have personal meaning.

French 20

Credits: 5 Prerequisites: French 10

Students will build on the material learned in French 10 and use their life and learning experiences related to specific contexts to understand a variety of messages in French and/or to express messages in French that have personal meaning.

Gender Studies 15

Credits: 3 Prerequisites: None

Students will learn about gender through history, the ways gender influences the quality of life, and how gender interacts with political, economic, and social structures in society. Students will be prompted to analyze and reflect on these topics and track their thinking throughout the semester. Just a heads up, the nature of Gender Studies is such that sensitive topics will be examined. These topics include issues relating to gender, ethnicity, and religion; challenges facing the LGBTQ community, and debates surrounding politics and legislation.

Green Certificate

The Green Certificate Program is a joint endeavour between Alberta Education and Alberta Agriculture and Forestry. The apprenticeship-style delivery of Green Certificate courses ensures that a participant learns by actively performing the skills required. The student (trainee) learns on the job, under the direction of experienced farm personnel (trainers) and under the supervision of a certified teacher. Students can enroll in specializations to complete their Technician component of the program. They will complete 3 practical exams.

Students can earn up to 16 credits in this program including the prerequisite course. Students must complete AGR3000: Agriculture Safety prior to enrolling in the Green Certificate Program. Contact the school for more information.

HCS 3000 - Workplace Safety Systems

Credits: 1 Prerequisite: None

Workplace Safety Systems helps students gain the needed attitudes, knowledge and skills related to workplace health and safety. Students will examine relevant legislation(s) required in the workplace. This course is a prerequisite for any Off Campus Education course such as Work Experience.

HCS 3010 - Workplace Safety Practices

Credits: 1 Prerequisite: HCS 3000

Students will learn about workplace safety principles and practices, hazard management, and legislation. This course is a prerequisite for the Registered Apprenticeship Program (RAP).

Leadership 10 (FDS students only – year long)

Credits: 3 Prerequisite: None

This course enrolls students in Foothills School Division's Student Council. Students will be responsible for attending regular meetings and contributing to school communication and social media through assignments in this course. Students will learn about principles of leadership and have an opportunity to demonstrate leadership through projects that benefit the school as a whole.

Physical Education 10 (graduation requirement)

Credits: 5 Prerequisite: None

Physical Education 10 enables students to develop the knowledge, skills, and attitudes necessary to lead active, healthy lifestyles. Students are required to participate in 80 hours of activities from all five dimensions of the Physical Education curriculum: Alternative Environments, Dance, Games, Flexibility Development (Gymnastics), and Individual Activities.

Physical Education 20

Credits: 5 Prerequisite: PE10

Physical Education 20 expands on students' development of the knowledge, skills, and attitudes necessary to lead active, healthy lifestyles. Students are required to participate in various activities from the five dimensions in the Physical Education curriculum: Dance, Games, Flexibility Development (Gymnastics), Alternative Environments, and Individual Activities.

Personal Psychology 20

Credits: 3 Prerequisite: None

Psychology 20 allows students to examine different theories of personality development, study the intricacies of the brain, investigate theories of intelligence, as well as explore how the environment impacts human behavior.

Work Experience 15, 25, 35

Work Experience 15, 25, and 35 are three separate courses developed to provide opportunities for students to apply their knowledge, skills, and attitudes in the workplace. Students must complete HCS3000: Workplace Safety Systems prior to enrolling in this program. A maximum of 15 work experience credits can be counted toward the High School Diploma requirements.

- Work Experience 15 (3 to 10 credits)
- Work Experience 25 (3 to 10 credits)
- Work Experience 35 (3 to 10 credits)