Hope Christian School

Option Courses for Part Time High School Students

Social Science Courses

SSN2171 - Personal Psychology (3 credits)

SSN2172 - General Psychology (3 credits)

SSN2176 - Sociology (3 credits)

SSN3171 - Experimental Psychology (3 credits)

SSN3166 – World Geography (3 credits)

SSN3161 – World Religions (3 credits)

LDC2088 – Life of Christ (5 credits)

LDC3088 – Christian Apologetics (5 credits)

Fine Arts Course

Art 10/20/30 – all three 5 credit courses are offered during the school year. Each course explores several different mediums and build on one another.

Second Languages

French 10/20/30

Spanish 10

Career and Technology Courses

Agriculture

AGR1010 – Introduction to Agriculture - Students explore and gain an understanding of the diversity of agricultural activity in Alberta, Canada, and the global community. They will also learn about the economic, environmental, and social significance of agriculture.

AGR1040 – Animal Basics - Students learn to identify and demonstrate the basic steps involved in raising and caring for a domestic animal. Students gain an understanding of general care to ensure animal health. Students may choose between a horse, cow, sheep, cat or dog to focus their studies on.

AGR2020 Equine Husbandry and Welfare – Students learn about the care and handling of horses, stabling, husbandry and general welfare.

AGR2045 – Companion Animals – students learn the qualities and characteristics of animals suitable for companionship including dogs, cats, rodents, and reptiles. Lots of information is provided about different breeds and their pros and cons.

AGR3000 – Agriculture Safety – students learn about workplace safety from an agriculture perspective. This course is mandatory for all Green Certificate modules.

Photography

COM1005 – Visual Composition - students learn to employ fundamental elements and principles of design for various media and gain a strong foundational multidisciplinary experience in preparation for other Communication Technology courses.

COM1205 – Introduction to Photography - Introduction students develop essential skills in camera use with a focus on basic composition, set-up, and examination of exposure. Students operate a camera to capture images and produce final display proofs.

COM1215 – Photograph Exposure - Students learn the technical and creative uses of aperture, shutter speed and ISO, and demonstrate how combinations of the three elements give very different results. Students also discover how a correct exposure is obtained through the combination of shutter speed, aperture and ISO, which make up the photographic triangle. Access to a camera with the ability to control aperture and shutter speed independently, and to processing and display equipment

COM1275 – digital Processing - Students learn the fundamentals of consumer-based digital image acquisition, management, composition, manipulation and editing software to improve image composition

IMPORTANT – THE ABOVE FOUR COURSES ARE TAUGHT AS ONE UNIT FOR 4 CREDITS.

Community Care Services

CCS3110 – Early Learning and Child Care 1 - Students investigate the roles and responsibilities of a childcare worker, and develop communication, observation and skills for guiding behaviour. Access to children *between the ages of 0–5* in any of the following ways: a licensed child care centre; a licensed preschool; a licensed or approved family day home; a licensed out-of-school care program; or, a school-based pre-Kindergarten program

CCS3120 – Early Learning and Child Care 2 - Students will develop skills to assist in promoting the physical, intellectual and language development in children from birth to age six.

CCS3130 – Early Learning and Child Care 3 - Students will develop skills to assist in promoting the social-emotional and creative development with children from birth to age 6. Students also will examine the development of learning through play

CCS3140 – Early Learning and Child Care 4 - Students will examine family dynamics and issues, as well as the cultural diversity of the children and families under their care. Students also will develop skills to support and promote the cultural identity of children

CCS3150 – Early Learning and Child Care 5 - Students will learn appropriate practices related to routines in a child care program. Students also will plan for the health, safety and well-being of children in child care programs

IMPORTANT – THE ABOVE FIVE COURSES HAVE TO BE TAKEN SEQUENTIALLY AND UPON COMPLETION, STUDENTS CAN APPLY FOR THEIR DAY CARE WORKER 1 CERTIFICATION WHICH ALLOWS THEM TO WORK IN ANY DAYCARE IN ALBERTA.

Fashion Studies

FAS1000 – Fashion Illustration - 1 introduces students to the world of fashion illustration and the work of a fashion artist. They learn to sketch a croquis, incorporate simple gestures. Then, they apply these skills to create fashion illustrations.

FAS1030 – Sewing Fundamentals - students learn how to use and care safely for sewing and pressing equipment, and to apply these skills in project assembly. Students need access to sewing-related equipment and supplies. This course is the prerequisite for most other Fashion Studies courses.

FAS1060 – Creating Accessories 1 - Creating Accessories 1 students use basic sewing skills and techniques to construct a home or personal accessory. Access to sewing-related equipment and supplies is essential.

FAS1130 – construction Fundamentals 1 - Construction Fundamentals 1 students learn how to determine pattern size, choose a suitable pattern and fabric, make pattern alterations, and prepare the fabric and pattern for layout. These skills will be applied during the assembly of a simple garment.

FAS1190 – Textile Arts 1 - students explore various yarn or textile art techniques and apply basic skills while creating a project. Students can choose from knitting, crocheting, quilting or a textile art of their choice

Financial Management

FIN1010 – Personal Financial Information - allows students to explore such concepts that affect the finances of an individual, including budgeting for living on their own, income and expenditures and more.

FIN1015 – Accounting Prep - Accounting Prep introduces students to accounting and terminology unique to financial accounting. Students become familiar with financial statements, generally accepted accounting principles and how to prepare for the process of starting up a business

Foods

FOD1010 – Food Basics - students learn safe and sanitary food handling procedures, equipment care, comprehension of recipes, and the importance of efficient work habits. Students need access to a personal or commercial food preparation facility. **This course is the pre-requisite for all subsequent** Foods courses. There is no final exam for this course

FOD1020 – Contemporary Baking - , students develop an demonstrate and understanding of traditional and contemporary baking focusing on basic measuring techniques, preparation methods, role of ingredients and the proper use of equipment for baked goods. This course is the pre-requisite for all other baking courses.

FOD1030 – Snacks and Appetizers - students apply the importance of snacks and appetizers related to lifestyle, by making nutritious, as well as delicious snacks and appetizers. Students need access to a personal or commercial food preparation facility. There is no final exam for this course

FOD1040 – Meal Planning - students develop an understanding of planning, preparation, and evaluation of balanced healthy meals.

FOD1060 – Canadian Heritage Foods – students will explore the roots of many of the Canadian foods including foods the pioneers consumed.

FOD2040 – Cake and Pastry - students expand their knowledge and skills in the production of a variety of cake and pastry products

FOD2070 – Soups and Sauces - students combine stocks with various thickening agents to produce hearty soups and sauces.

FOD2090 – Creative Cold Foods - students learn to combine nutrition and creativity in the preparation of salads and sandwiches

Health Care Services

HCS3000 – Workplace Safety Systems - students will gain knowledge, skills, and attitudes in workplace health and safety preparing them for workplace orientation to off-campus education learning experiences, and the transition to the world of work. This course is required for all off-campus courses such as RAP and Work Experience. Students will receive a certificate upon completion with a 70%+

HCS3010 – Workplace Safety Practices - This course will benefit the academic growth of students as well as keep them safe as they begin their working lives. In Workplace Safety Practices, students explore workplace safety principles and practices, and apply these principles and practices to a variety of contexts. Students will receive a certificate upon completion with a 70% +

HCS1010 – Health Services - students examine fundamental attitudes, knowledge, and skills to prepare for further study in career pathways in health, recreation, and community services. Concepts related to the determinants of health, the dimensions of wellness, basic principles of anatomy, physiology, and disease, and basic safety and reporting protocols for providing care to individuals in health, recreation, volunteer, and community support settings are reviewed (mandatory for HSS3020)

HSS3020 – Mental Health and Wellness – with mental health being so important after the past pandemic, students will acquire the attitude, skills, and knowledge necessary for achieving and maintaining mental health and wellness.

HSS1020 – Nutrition and Wellness - Students learn the importance of nutrition and hydration for the promotion and maintenance of physical, emotional and social health and wellness throughout life. Students evaluate food and supplement choices, the effects of activity on nutritional requirements and the use of labels to improve daily nutritional intake at all ages

Mechanics

MEC1040 -Engine Fundamentals -students will learn the tools and techniques of engine tuneups with a 2 cycle engine. A lawn mower or dirt bike are needed to complete the course.

Information Processing

INF1030 – Word Processing 1- Students are introduced to the proper use of word processing software, including document creation, editing and printing of properly formatted documents.

INF1060 – Spreadsheeting - Students develop skills in the proper use of spreadsheet software through general data manipulation and personal record keeping

INF1070 – Digital Presentation - Students develop skills with tools used for computerized presentations involving text, data, graphics, sound and animation

IMPORTANT – THE ABOVE THREE COURSES PLUS E-LEARNING WITH CANVAS ARE MANDATORY COURSES FOR ALL STUDENTS ENROLLED AS FULL TIME STUDENTS WITH HOPE CHRISTIAN SCHOOL.

INF2020 – Keyboarding - Students enhance their occupational level keyboarding competence of all keystroke functions, using unedited, edited and straight copy material. Students will have to achieve a WPM between 30 and 50 and a numerical keystroke speed between 100 and 125

Computer Science Options

PC Repair (IT Essentials)

IT Essentials covers fundamental computer and career skills for entry-level IT jobs. The IT Essentials curriculum covers the fundamentals of computer and mobile device hardware and software, and advanced concepts such as security, networking, virtual tools, and the responsibilities of an IT professional. This course provides a learning pathway to the "Introduction to Networks" course.

Video Game Design and Programming (2 courses available)

Video Game Design and Programming 1 and 2 is a fun and easy text-software design guide combination that uses an activity-based integrated curriculum: theory-based reading with game-building application lessons. It supports cross-curriculum and STEM learning as students will use math and science principles, in addition to language arts, social sciences, and applied technology knowledge, to program their own games. Students need no knowledge of programming or game design before beginning with this curriculum.

C++ Programming

This course covers all the basics of programming in the C++ programming language as well as the fundamental concepts and techniques used in object-oriented programming. The course starts with some universal basics, without relying on object concepts, and gradually extends to the advanced issues the student will encounter when using the objective approach.

Java Programming 12 (Grade 11 +)

This programming course uses virtual robots to teach object-oriented programming in general. This helps students to become comfortable with many aspects of objects and classes. These include:
Programming with Objects
Extending Classes with Services
Developing Methods

Making Decisions
Using Variables

Linux Operating System

Knowledge of Linux is a helpful skill for a wide variety of careers in business and Information Technology fields. Many emerging and growing career opportunities including big data, cloud computing, cyber security, information systems, networking, programming and software development (to name a few) require basic to advanced knowledge of the Linux command line.

Cisco CCNA Networking (3 courses available) (intro to computer science mandatory)

Introduction to Networks is the first course in the Cisco CCNA Networking curriculum. It introduces the architectures, models, protocols, and networking elements that connect users, devices, applications and data through the Internet and across modern computer networks - including IP addressing and Ethernet fundamentals. By the end of the course, students can build simple local area networks (LAN) that integrate IP addressing schemes, foundational network security, and perform basic configurations for routers and switches. This course provides a learning pathway to the "Switching, Routing and Wireless Essentials" course.