

Understanding and Working with Families (CSSE 22)

(42 hours)

This subject focuses on diverse family systems and the impact that a child with special needs has on family dynamics. Principles and elements of family centered practice are explored. Students examine the skills required in order to develop partnerships with families. In addition to informal support systems, students identify community services that families can access for support. **Prerequisite:** Designing Teaching and Learning Activities, Designing and Assessing Learning Outcomes, Testing and Evaluating Learning and Fieldwork 103-Resource Teacher/Early Interventionist. Students registered in the subject without the prerequisites will be asked to withdraw from the subject. **NOTE: This course has mandatory chats and mandatory group work. Textbook required.**

Understanding Literature (CSAL 80)

(48 hours)

Understanding Literature acquaints students with the tools necessary to appreciate literature critically by reviewing literary history and examining different genres. Students will explore themes and conventions associated with these genres and develop an understanding of literary analysis and various critical approaches. For creative-writing students, this course will provide a framework in which to appreciate and evaluate their own writing. **Textbook required.**

Understanding Medical Tests for Medical Office Staff (CSLO 83)

(36 hours)

Designed to assist in developing an understanding of common medical tests related to a wide variety of body systems. This course is open to people currently employed in health related areas or who hope to do so in the future. **Textbook required.**

Understanding Surgical Procedures for Medical Office Staff (CSLO 178)

(36 hours)

This course has been designed for medical office staff to review a wide variety of surgical procedures that commonly occur in the hospital setting. This course is open to people currently employed in health related areas or hope to do so in the future. **Prerequisite:** Medical Terminology would be an asset. **No textbook required.**

Understanding Sustainable Farming: Principles and Practices (CSSL 29)

(45 hours)

Sustainable food systems start with sustainably-produced food. But what does sustainable agriculture look like? There are many competing production systems that claim to be sustainable. This course will help you define sustainable agriculture, understand the underlying principles, and look at some concrete practices for building sustainable farm systems. The course will also analyze case studies of production technologies and systems that claim to be sustainable, and examine the effects of Canadian agricultural policy on agricultural sustainability. **Prerequisite:** Field to Fork: Introduction to Local and Global Food Systems. **Software required:** Speakers. **Textbook required.**

Understanding Technology (CSSA 1)

(48 hours)

The computer has established itself as an integral part of today's workplace. From the PC itself to the Internet, scanners to digital camera, word processing to multi-media presentations, you will be introduced to all aspects of the modern computer to develop the computer literacy required in the workplace. **Software required:** CD player. **NOTE: This course has mandatory chats. Textbook required.**

Urban Agriculture and Community Gardens (CSSL 30)

(45 hours)

Study the exciting urban agriculture projects and policies that are currently transforming the landscape, building community, and creating food security in Canadian cities. From community, schoolyard and roof top gardens, to urban CSA (community supported agriculture) farms and greenhouses, consider success stories and challenges for the development of urban food production. Take a close look at the relationship between municipal law and policy and urban agriculture in cities of interest to you. **Software required:** Speakers. **Textbook required.**

Using Google (CSLO 63)

(30 hours)

Did you know you could shop, create web pages, send email and more, all with Google? This course will teach you not only how to get the most out of your searches and to use Advanced search tools, but will also show you many other Google tools. Need to find something in the maze of folders on your hard drive? Google Desktop might be the answer. Google Toolbar, with an effective pop-up blocker and handy links, is the Internet Explorer toolbar to beat. Learn how to set up and make Google your Internet home page. You'll see how Picasa can help you instantly find, edit and share all the pictures on your PC. **Prerequisite:** Basic Knowledge of Internet Explorer. **No textbook required.**

Veterinary Anaesthesia (CSLO 194)

(36 hours)

This course will give the student an introduction to Veterinary Anaesthesia. The topics covered will include basics about equipment, monitoring devices, different methods and tasks involved in preparing animals for anaesthesia, monitoring and the post anaesthetic period. **Prerequisite:** Animal Husbandry I & II, Veterinary Terminology, Veterinary Lab Procedures and Basic Veterinary Pharmacology. **Textbook required.**

Veterinary Lab Procedures (CSLO 185)

(36 hours)

Study a variety of medical procedures that are commonly seen within the veterinary hospital setting. Understand zoonosis, as well as vaccinology and parasitology. **Prerequisite:** Vet Terminology & Basic Animal Husbandry. **Textbook required.**

Veterinary Office Skills & Procedures (CSLO 80)

(42 hours)

Learn administrative and clerical procedures specific to the veterinary medical office practice. Included are reception, appointment scheduling, telephone skills and procedures. This course will stress the importance of proper preparation of veterinary records. Develop an understanding of invoicing, basic computer skill and will learn how to function in a professional manner within a veterinary setting. **Software required:** Word Processor capable of creating RTF files. **Textbook required.**

Veterinary Surgical Procedures (CSLO 192)

(36 hours)

This course provides veterinary office staff with the knowledge of surgical procedures. Learn and understand the importance of a sterile surgical technique. Understand the difference between sterile veterinary procedures and clean/dirty procedures, and learn when to implement them. Learn protocols for various veterinary surgical procedures. **Prerequisite:** Vet Terminology, Basic Animal Husbandry & Animal Husbandry 2. **Textbook required.**

Veterinary Terminology (CSLO 94)

(45 hours)

Focus on terminology specific to the veterinary office and develop the necessary language skills to communicate effectively within this setting. Word structure and terminology are studied to ensure that those working in the veterinary profession understand the doctor, their peers and clients. **Software required:** Word Processor capable of creating RTF files. **Textbook required.**

Video Games and Online Communities (CSMO 157)

(26 hours)

This course analyzes how video games create a virtual world for players. We will assess current research into the impact of video games on gamers, and explore how online communities form around video games.

Visual Basic Intermediate (CSDU 98)

(42 hours)

This is a continuation of the introductory course. You will learn two major aspects of Visual Basic programming, database and array processing. The database topics include the basic data control, introductory SQL to process multiple tables and adding/deleting/editing records. The Arrays consists of check box, text and label controls with FOR/NEXT processing and storing the data on sequential files. **Prerequisite:** Visual Basic Introduction. **Software required:** Students will require Windows XP, Home or XP Pro or Win 2000 SP4 (service pack 4) and Visual Basic 2008 Express Edition or Standard edition. **Textbook required.**

Visual Basic Introduction (CSDU 97)

(56 hours)

This is an introduction to the general principles of computer programming. Topics will include the selection of basic data types, basic I/O, operators, repetition, flow control, decisions, arrays and the use of simple user-defined functions and user-defined classes. This course teaches the student how to write computer programs, using a high level language, to solve typical business problems. A structured programming approach is taken for the majority of the course with an introduction to OOP principles and program design also included. The Visual Basic 2005 programming language has been selected as the language vehicle for the course. **Prerequisite:** Programming in C or knowledge in any programming language. **Software required:** Students will require Windows XP Home or XP Pro or Win 2000 SP4 (service pack 4) and Visual Basic 2008 Express Edition or Standard edition. **Textbook required.**

Visual C++ Intermediate (CSDU 81)

(42 hours)

Building on the fundamentals acquired in the Introduction course, this course will teach you advanced Visual C++ 2005 topics. Students will develop sophisticated Windows applications using the MFC Library, Controls, SDI, MDI, and OLE controls. **Prerequisite:** Visual C++ Introduction. **Software required:** Windows XP, Home or XP Pro or Win 2000 sp4 (service pack 4) and Visual Studio 2008 Standard Edition. **Textbook required.**

Visual C++ Introduction (CSDU 80)

(42 hours)

This course covers the fundamentals of Visual C++ software. The emphasis during the first part of the course is learning the C++ language. Object-Oriented Programming (OOP) language concepts will be introduced. The student will learn to develop applications starting with Console Win32 applications. Students will then proceed on to Windows programming using Microsoft Foundation Classes (MFC), generating XP sp2 compatible applications. Students will explore the development tools of Visual C++. Students will then proceed on to Windows programming using Microsoft Foundation Classes (MFC), generating XP sp2 compatible applications. Students will explore the development tools of Visual C++. **Prerequisite:** Programming experience in any language would be an asset. **Software required:** Windows XP Home or XP Pro or Win 2000 sp4 (service pack 4) and Visual Studio 2008 Standard Edition. **Textbook required.**

Volunteer Management (CSFA 11)

(45 hours)

If we are truly serious about revitalizing a community, volunteerism must be at the core. Students will learn about the uniqueness of volunteerism & the spirit that is created by a strong core of volunteer support, successful components of a volunteer program, and the tools to make one happen. **Software required:** MS Word. **This course has mandatory chats and mandatory group work. Textbook required.**