

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 for medical office professionals to assist in developing an understanding of common medical tests related to a wide variety of body systems. Knowledge in the area of medical testing will help the student to educate the patient in relation to the description and purpose of the test, preparation of the patient before the test, with care during and after the test, end expected results. Risks, complications, and special concerns are covered. This course is open to people currently employed in health related areas or hope to do so in the future. **Prerequisite:** Medical Terminology strongly recommended. **Textbook required.**

Understanding Science (CSGG 28)

(42 hours)

Science strongly influences the way we live and is a subject where we can watch the frontiers of human knowledge move forward. Students explore current science topics by responding to a national science program and then reflecting critically on those topics. In addition, students engage in a variety of learning activities introducing them to basic scientific concepts. **No textbook required.**

Understanding Surgical Procedures for Medical Office Staff (CSLO 178)

(36 hours)

This course has been designed for medical office professionals to assist in developing an understanding of common surgical procedures related to a wide variety of body systems. Knowledge in the area of surgical procedures will help the student to educate the patient prior to and after surgery, what to anticipate, and expected results. This course is open to people currently employed in health related areas or hope to do so in the future. **Prerequisite:** Medical Terminology strongly recommended. **No textbook required.**

Understanding Sustainable Farming: Principles and Practices (CSSL 29)

(45 hours)

The current mainstream agricultural model is widely recognised as unsustainable, but there is a wide divergence of views on how to create a more sustainable system. This course begins with an exploration of the ecological, economic, and social justice principles of sustainable farming. Following this, different approaches that are currently being touted as forms of sustainable agriculture - including organic farming, food justice certification, and the use of genetically engineered crops - are critically examined. This course concludes with a review of tools and strategies that non-profit organizations, governments and businesses can draw on to enhance agricultural sustainability. This is not a training course for farmers, but a course for those who want an overview of sustainable agriculture and how it is practiced across the country. This course offers students many opportunities to direct the course of their own learning. Students are encouraged to choose readings and assignments to reflect their own interests and knowledge/skill areas they would like to develop. **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.**

Understanding The Client Population (formerly known as Developing an Understanding of the Client Population (CSSF 4)

(45 hours)

This course is based on the belief that positive attitudes toward people with disabilities will lead to greater acceptance and mutual growth. Students investigate the barriers that exist for people with disabilities, and learn how provisions of a supportive environment will promote inclusivity. **Software required:** High speed internet is recommended. **Textbook required.**

Understanding the Web (CSGG 31)

(42 hours)

The Web is the most far-reaching medium for interpersonal communication on earth and an important resource in modern life. Students examine how Web developers can respect user diversity and support accessibility on Web sites. In addition, students explore the history of the Web, the methods used to build the Web, and the credibility of Web resources. Finally, students investigate the social impact of the Web and the digital divide that accompanies advances in Web technology. **No textbook required.**

Unified Modeling Language (UML) Modeling with Casetool (CSCL 40) NEW

(42 hours)

This course will cover concepts of object-oriented analysis and design techniques, Unified Process (an iterative methodology), and Unified Modeling Language (UML). Using a case-centered, scenario-based approach, the learner will be able to apply object-oriented concepts and modeling techniques to simulate real-life situations. Students will use a UML-based software tool for modeling the software development process, and will experience the transition from UML diagrams to program code. Topics to be discussed will include CRC technique, software development methodologies, requirements gathering and analysis, system architecture and design, implementation, testing, and deployment. **Prerequisite:** Java or C# Programming or equivalent programming experience. **Software required:** Casetool- free download. **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.**

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)

This course will cover the basic medical and laboratory procedures involved in a veterinary medical practice. This will include laboratory and radiology safety and procedures, and will cover the most common veterinary and laboratory practices in a veterinary hospital. This course will stress the importance of proper preparation of laboratory samples, safety procedures, and appropriate techniques. **Prerequisite:** Veterinary Terminology & Basic Animal Husbandry. **Textbook required.**

Veterinary Office Skills & Procedures (CSLO 80)

(42 hours)

This course will cover the administrative and clerical procedures involved in a veterinary medical practice, including effective communication skills, telephone skills, body language, conflict management and working in a team oriented, professional environment. This course will stress the importance of proper preparation of medical records, filing methods, appropriate paperwork, message taking, collection of information, and maintaining a professional manner. **Software required:** Word Processor capable of creating RTF files. **Textbook required.**

Veterinary Surgical Procedures (CSLO 192)

(36 hours)

This course will cover the basic procedures involved in preparing for veterinary surgeries, record keeping, pre and post-op duties, handling and cleaning of surgical instruments, most common elective surgeries, sterile and non-sterile procedures, asepsis, and appropriate behaviour in the surgery room. **Prerequisite:** Veterinary Terminology, Basic Animal Husbandry & Animal Husbandry 2. **Textbook required.**

Veterinary Terminology (CSLO 94)

(45 hours)

Focus on terminology used within the veterinary office and develop the necessary language skills to communicate effectively in this environment. Word structure and terminology are studied to ensure that those working in the veterinary profession understand the doctor, their peers and clients. Terminology will be introduced along with a very basic understanding of anatomy and physiology, using a systems approach. **Software required:** Word Processor capable of creating RTF files. **Textbook required.**

Victim Assistance Services (CSAL 178) NEW

(45 hours)

Victim service professionals are required to collaborate with service agencies to plan, delivery and evaluate victim service programs and initiatives. Students research and identify the vast array of community, provincial and national services, including financial remedies, counselling, mental health, medical and addiction services. Students learn to facilitate interagency communication and multidisciplinary case management. Through case studies, students identify and assess

needs of victims, identify the most appropriate referrals, and present strategies and approaches that can be used to advocate for victims within and between various systems. **Textbook required.**

Victimization (CSFA 69) NEW

(30 hours)

Students will learn about the emotional impact of victimization. The focus will be on victims of residential break and enter, children and trauma, victims of crime such as: those sexually assaulted, elders, and victims of hate crimes. There will be a special emphasis on the secondary victimization of friends, relatives, witnesses, first responders (police, firefighters, paramedics), health care professionals, childcare and social service workers and the clergy. **Textbook required.**

Victimization and the Law (CSAL 172) NEW

(45 hours)

In the modern era, crime victims have become the subject matter of numerous law reform initiatives. In this course, students critically examine the Canadian criminal justice system from a victim's perspective, including a consideration of the intersection of criminal and civil law. Relevant legislation, case law, and scholarship are examined to uncover the nature of the various law reform initiatives. In addition, this course examines the impact of the victims' rights movement, and the evolving development of restorative justice and victim participation in the process. **Textbook required.**

Victimology: Theoretical Perspectives (CSAL 170) NEW

(45 hours)

The majority of Canadians experience criminal victimization at some point in their lifetime. This course explores the meaning of the concept "victim" through theoretical perspectives and case studies. Students conduct critical analyses and examine research methods in the field of victimology. Students examine victim classifications, communities as victims, the link between victimization and offending, and violence prevention strategies. Special attention will also be given to the examination of the development of victims' rights at the regional, national and international level. **Textbook required.**

Victims and the Media (CSAL 174) NEW

(30 hours)

Crime is frequently reported and sensationalized in the media. In this course, students are sensitized to the impact of the media on victims of crime. Through a review of current events, students evaluate the role of the media in the lives of victims, paying particular attention to privacy issues. Students develop media research, communication and public relations skills to effectively advocate for victims' issues in the media. **No textbook required.**

Victim of Crimes (CSAL 171) NEW

(45 hours)

It is essential for professionals in the field of victimology to ensure that victims of crime are not further traumatized by the very interventions designed to assist. Students examine the impact of various types of victimization including, cyber crime, homicide, sexual assault, elder abuse, drunk driving, assault, intimate partner violence, globalization, human trafficking and fraud. Students explore issues of grief, loss, trauma response and the costs associated with victimization. Through discussion, case studies and role playing, assessment, advocacy, and advanced communication skills are developed. **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:** Minimum Windows XP operating system and Visual Studio 2010. Visual Studio is a free download and information of how to obtain the download can be located in Week 1 of the online course. **Textbook required.**

Visual C++ Introduction (CSDU 80)

(42 hours)

This course covers the fundamentals of Visual C++ 2008 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:** Minimum Windows XP operating system and Visual Studio 2010. Visual Studio is a free download and information of how to obtain the download can be located in Week 1 of the online course. **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.**