



**Douglas
College**

**Faculty of Health Sciences
Continuing Education**

HEALTH DATA CLASSIFICATION REFRESHER PROGRAM

Course Description

This self-study program consists of ICD-10-CA/CCI coding theory, pathophysiology and related interventions, application of coding theory to practice exercises with self-assessment, and sectional and final exams.

The focus is on application of ICD-10-CA and CCI to classification in the acute care hospital environment. Study is organized by broad patient categories and the topics covered represent the common types of cases within each category.

Type of Instruction

This program is a self-paced, self-guided independent study experience. Students set their own pace within the established completion date. The course is supported by an e-learning system (*Blackboard*) and each student is assigned to a tutor.

Students read the textbook and complete the practice exercises where indicated and at the end of each chapter. They compare their answers with the answers provided in Section 3 of the textbook. When there are discrepancies, students are encouraged to use their problem solving skills to determine the reason they have a different answer. They should identify any weaknesses and review the appropriate sections in the textbook. Where necessary, they are to seek to strengthen their pathophysiology knowledge through review of reference texts or credible resources available on the Internet. A list of suggested references and web sites is available on the *Blackboard* course site. When the reason for discrepancies is not apparent, the student is to go to the appropriate chapter forum in the *Discussions* on the *Blackboard* course site. Here the student can review the previously posted questions to see if a similar question has been answered. If not, they post their question to the chapter forum and their tutor will respond to their question via this forum.

The required completion date is eight months from the date of registration. Completion means the date at which all exams, including the final exam, have been written. Being a student, particularly when engaged in other tasks, such as working and parenting, is a demanding activity. We want our students to be successful in this course. To help achieve success, we suggest that students aim to complete the course within six months. Experience suggests it takes an average of 150 hours to complete the program and that completion within a six-month time frame is reasonably achievable. It is therefore recommended that students devote at least six hours per week on the course.

Credit

This is a continuing education, non-credit course. Douglas College Faculty of Health Sciences–Continuing Education will award a certificate to students who successfully complete the program with an overall score of 60% or more.

Students who have successfully completed the Program may apply for Prior Learning Assessment to seek advanced placement in the Douglas College Health Information Management Program.

Course Prerequisites

Proof of graduation from a CHIMA-recognized health information management program or other proof of eligibility for CHIMA membership.

Course Objectives

In this course students study pathophysiology, health care interventions and data classification concepts for specific body systems. The learner will:

- review and develop knowledge in health care classification using the ICD-10-CA and CCI classifications
- review and develop knowledge of pathophysiology and health care interventions by applying classification standards for diagnoses and interventions using the ICD-10-CA and CCI classification systems
- apply critical thinking skills to the coding process
- apply national, provincial and local standards for data classification
- develop an appreciation for the importance of data consistency and integrity.

Course Content

Section 1: Essentials of Classification

Chapter 1: The Coding Process

Chapter 2: ICD-10-CA

Chapter 3: CCI

Chapter 4: Applying the Coding Process

Section 2: Application to Body Systems & Special Circumstances

Chapter 5: Neoplasia

Chapter 6: Multisystemic or Unspecified Site Infections

Chapter 7: Skin, Subcutaneous Tissue and Breast Disorders

Chapter 8: Musculoskeletal System and Connective Tissue Disorders

Chapter 9: Cardiac Disorders

Chapter 10: Vascular Disorders

Chapter 11: Blood and Hematopoietic Disorders

Chapter 12: Respiratory Disorders

Chapter 13: Digestive Disorders

Chapter 14: Hepatobiliary Pancreatic Disorders

Chapter 15: HIV Infections

Chapter 16: Eye Disorders

Chapter 17: Ear, Nose, Mouth and Throat Disorders
Chapter 18: Kidney and Urinary Tract Disorders
Chapter 19: Male Reproductive Disorders
Chapter 20: Female Reproductive Disorders
Chapter 21: Endocrine, Nutritional and Metabolic Disorders
Chapter 22: Nervous System Disorders
Chapter 23: Mental and Behavioural Disorders
Chapter 24: Injuries, Poisonings and Toxic Effects
Chapter 25: Other Reasons For Hospitalization
Chapter 26: Burns
Chapter 27: Significant Trauma
Chapter 28: Complications of Medical Care
Chapter 29: Pregnancy and Childbirth
Chapter 30: Newborns and Neonates

Textbooks And Materials

Fletcher, Joy. ICD-10-CA/CCI Classification Primer, Fifth Edition, 2009.
ISBN 978-0-9734586-2-6.

International Classification of Diseases - 10th Edition, Canadian Modification.
Canadian Institute for Health Information, Version 2009. February 2009.

Canadian Classification of Health Interventions. Version 2009. Canadian Institute for
Health Information. February 2009.

Students must have access to the Internet.

Evaluation

Sectional Exam #1	30%
Sectional Exam #2	30%
Final Examination	40%

The final exam is cumulative. All tests and exams must be completed to complete the program. Students who achieve an overall minimum grade of 60% will receive a Douglas College Faculty of Health Sciences-Continuing Education certificate.

Exam Schedule

Exam #1: Chapters 1 to 14
Exam #2: Chapters 15 to 28
Final Exam: Chapters 1 to 30