# Douglas College

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| **A.** | Division: | **Education** | Effective Date: | **September 2009** |

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| **B.** | Department / Program Area: | **Health Sciences** **Health Information Management** | Revision | **X** | New Course |

If Revision, Section(s) Revised: **A, C, H, I, J**
Date of Previous Revision: **January 13, 2004**
Date of Current Revision: **March 2009**

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| **C:** | **HIMP 1270** | **D:** | **Health Data Collection & Classification  II** | **E:** | 6 |

| Subject & Course No. | Descriptive Title | Semester Credits |
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**F:** Calendar Description:

This course integrates the theory of medical terminology, pathophysiology, and health data classification which is continually reinforced through application of the coding process.  The most common disorders for specific body systems are studied in depth according to terminology, abbreviations, demographics, etiology, signs and symptoms, method of diagnosis, common comorbidities, interventions, mode of encounter, and classification guidelines and principles.  Portions of the lecture-practice component of this course may take place at an acute care facility.

**G:** Allocation of Contact Hours to Type of Instruction / Learning Settings

Primary Methods of Instructional Delivery and/or Learning Settings:

**Lecture**
**Lecture/Practice**

Number of Contact Hours: (per week / semester for each descriptor)

**Lecture: 4 hrs.**
**Lecture/Practice: 4 hrs.**

Number of Weeks per Semester:

**15 weeks**

**H:** Course Prerequisites:

**HIMP 1170 & BIOL 1103**

**I:** Course Corequisites:

**HIMP 1220 & BIOL 1203**

**J:** Course for which this Course is a Prerequisite:

**HIMP 1275**

**K:** Maximum Class Size:

**Lecture – 35**
**Lecture/Practice - 18**

**L:** PLEASE INDICATE**:**

Non-Credit

**X** College Credit Non-Transfer

College Credit Transfer:

SEE BC TRANSFER GUIDE FOR TRANSFER DETAILS (www.bctransferguide.ca)

**M:**   Course Objectives / Learning Outcomes :

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

- develop skills in data classification by applying knowledge of the pathophysiology for specified major clinical categories using the ICD-10CA and CCI classification systems
- understand and predict the course of specified pathological conditions in terms of demographic, etiology, presentation, method of diagnosis, common comorbidities, typical and alternative interventions and like mode of encounter with the health care delivery system
- apply critical thinking skills to the coding process
- apply national, provincial and local standards for data collection
- apply patient service classification systems
- apply research skills to independent study of pathophysiology and classification
- continue to develop an appreciation for the importance of data integrity

**N:**   Course Content:

1.   Patient service classification :
     - definitions

2.   For a given disease/disorder within a major clinical category:
     - define the terminology and abbreviations
     - describe:
         - predisposing and risk factors (demographic)
         - etiology
         - presentation (signs and symptoms)
         - method of diagnosis
         - common comorbidities (and complications)
         - typical and alternative interventions
         - likely mode of encounter with the health care delivery system
     - classify to ICD-10-CA and CCI
     - assign patient service category

3.   Major Clinical Categories included in this course:
     - diseases and disorders of the skin, subcutaneous tissue & breast
     - lymphoma, leukemia or unspecified site neoplasms
     - diseases and disorders of the musculoskeletal system and connective tissues
     - diseases and disorders of the circulatory system
         - cardiac diseases and disorders
         - vascular diseases and disorders
     - diseases and disorders of blood and blood forming organs and immunological disorders
     - diseases and disorders of the respiratory system
     - diseases and disorders of the digestive system
     - diseases and disorders of the hepatobiliary system and pancreas
     - multisystemic or unspecified site infections
     - HIV infections
     - diseases and disorders of the eye
     - diseases and disorders of the ear, nose, mouth and throat

**O:**   Methods of Instruction:

1.   Lecture/Practice
2.   Group discussion
3.   Application exercises/case studies/health records
4.   Technology (software, audiovisual, etc.)
5.   Guest lecturer
6.   Independent study of assigned topics

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| **P:** | Textbooks and Materials to be Purchased by Students:<br><br>A list of mandatory and optional textbooks and materials is provided for students at the beginning of each semester. |
| **Q:** | Means of Assessment:<br><br>Typical evaluations would include:<br>Final Exam<br>Midterm Exam<br>Weekly Quizzes<br>Weekly Reflective Learning Journals<br><br>Attendance at lecture practice sessions (i.e. classes held at a health care facility) is mandatory.<br><br>Course evaluation is based on course learning objectives and is consistent with Douglas College Course Evaluation Policies.<br><br>A detailed evaluation schedule is presented to the students at the beginning of the course.<br><br>Outline of evaluation may be subject to change. |
| **R:** | Prior Learning Assessment and Recognition: specify whether course is open for PLAR<br><br>Yes |

Course Designer(s):  Laurie Kenward                    Education Council / Curriculum Committee Representative

Dean / Director:  Dr. Mike Tarko                    Registrar