



**Subject and Course Number**

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**N. Textbooks and Materials to be Purchased by Students (Use Bibliographic Form):**

**A list of mandatory and optional textbooks and materials is provided for students at the beginning of each semester.**

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**Complete Form with Entries Under the Following Headings: O. Course Objectives; P. Course Content;  
Q. Method of Instruction; R. Course Evaluation**

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**O. COURSE OBJECTIVES**

**In this course students study pathophysiology and data classification concepts fro 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-10 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 alternate interventions and likely 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**
- **develop an appreciation for the importance of data integrity**

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**P. COURSE CONTENT**

**1. For a given disease/disorder within a major clinical category:**

- **define the terminology and abbreviations**
- **describe:**
  - **predisposing and risk factors (demographics)**
  - **etiology**
  - **presentation (signs and symptoms)**
  - **method of diagnosis**
  - **common comorbidities (and complications)**
  - **typical and alternate interventions**
  - **likely mode of encounter with the health care delivery system**
- **classify to ICD-10 and CCI**
- **assign patient service category**

**Major Clinical Categories included in this course:**

- **diseases and disorders of the kidney and urinary tract**
- **diseases and disorders of the male reproductive system**
- **diseases and disorders of the female reproductive system**
- **endocrine, nutritional and metabolic diseases and disorders**
- **diseases and disorders of the nervous system**
- **mental diseases and disorders**
- **injury, poisoning and toxic effects of drugs**
- **burns**
- **significant trauma**
- **complications of medical care**
- **pregnancy, childbirth and the puerperium**
- **newborns and other neonates**

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**Q. 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 specified topics

**R. COURSE EVALUATION**

Course evaluation is based on course objectives and is consistent with Douglas College Course Evaluation Policies.

An evaluation schedule is presented to the students at the beginning of the course.

Outline of evaluation may be subject to change.

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