HS 210 - Advanced Diagnosis Coding Systems
Prerequisite: HS 112 and HS 115 with a “C” or higher or permission from program director
3 Credit Hours

Department:

Health Sciences – Medical Coding

Course Description:

This course is designed to provide advanced knowledge and skills in using diagnosis coding systems, such as the International Classification of Diseases, 9th Revision, Clinical Modification (ICD-9-CM) and the International Classification of Diseases, 10th Revision, Clinical Modification (ICD-10-CM) diagnosis coding systems. The course will focus on advanced diagnosis coding skills and the guidelines associated with all three volumes of the ICD-9-CM and ICD-10-CM manuals.

Course Competencies:

Upon completion of the course, the student should be able to:

1. Analyze principles and applications of coding systems for complex cases and determine the correct codes to be assigned, including severity of illness.
2. Identify, use, and explain classifications, taxonomies, nomenclatures, terminologies, and clinical vocabularies.
4. Interpret medical records of various health care facilities and authenticate code assignments.
5. Describe diagnostic based prospective payment groupers such as Diagnosis Related Groups (DRGs), All Patient Refined Diagnosis Related Groups (APR-DRGs), Resource Utilization Groups (RUGs) and Home Health Resource Groups (HHRGs).
6. Compare and contrast assignments from ICD-9-CM to ICD-10-CM.
7. After introduction to the Diagnostic and Statistical Manual of Mental Disorders (DMS) and the International Classification of Diseases for Oncology (ICD-O), compare and contrast assignments from other coding classifications.
8. Describe the Systematized Nomenclature of Medicine (SNOMED).
9. Analyze Case Mix.
10. Authenticate codes.
11. Explain quality monitor reporting, such as the Coding Compliance Initiative (CCI).
12. Identify and explain key terms and abbreviations.
13. Achieve general course outcomes.
   a. Make reasonable judgments after gathering, analyzing, and evaluating information.
   b. Obtain data using technological and traditional processes.
   c. Communicate with varying audiences and technologies.
   d. Apply interpersonal skill and knowledge to actual situations.
Course Content:

A. Infectious and Parasitic Diseases
B. Endocrine, Immunity, and Nutritional Diseases
C. Mental Disorders
D. Blood and Blood-Forming Organs and Diseases
E. Respiratory, Digestive, and Genitourinary System
F. Skin and Diseases of the Musculoskeletal System
G. Prenatal Conditions, Pregnancy and Childbirth Complications
H. Abortions and Congenital Anomalies
I. Circulatory System Diseases
J. Neoplastic Diseases
K. Injuries, Burns, Poisoning
L. Detailed review of ICD-10-CM and ICD-10-PCS
M. Analysis of medical records for proper coding for various healthcare settings

Learning Assessments:

Course competencies will be assessed by use of discussion questions, graded assignments, comprehensive assignments, research paper, quizzes, and exams.

Instructional Materials:

ICD-10-CM Codes

Guidelines for Requesting Accommodations Based on Documented Disability or Medical Condition

It is the intention of Highland Community College to work toward full compliance with the Americans with Disabilities Act, to make instructional programs accessible to all people, and to provide reasonable accommodations according to the law.

Students should understand that it is their responsibility to self-identify their need(s) for accommodation and that they must provide current, comprehensive diagnosis of a specific disability or medical condition from a qualified professional in order to receive services. Documentation must include specific recommendations for accommodation(s). Documentation should be
provided in a timely manner prior to or early in the semester so that the requested accommodation can be considered and, if warranted, arranged.

In order to begin the process all students **must** complete the “Disabilities Self-Identification Form” at this link: [https://highlandcc.edu/pages/disability-services](https://highlandcc.edu/pages/disability-services).

This form can also be accessed at the Highland Community College homepage under Students Services/Student Resources/Disability Service or by contacting the Disabilities Coordinator.