Department:

Health Sciences – Medical Coding

Course Description:

This course provides an introduction to software applications in healthcare.

Course Competencies:

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

1. Identify commonly used software in healthcare.
2. Explain public reporting of disease and disease trends.
3. Describe how acute care organizations store and retrieve electronic health records.
4. Analyze different types of encoder software.
5. Explain the effect of analysis of online coding tools and coding reference tools.
6. Describe the process of moving the health record from paper to electronic record.
7. Describe major acute care environment vendors and their system strengths.
8. Compare and contrast the benefits of the Electronic Health Record (EHR) with the benefits of the Paper Health Record (PHR).
9. Evaluate Health Information Exchange (HIE) systems.
10. 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 various audiences and technologies.
   d. Apply interpersonal skill and knowledge to actual situations.

Course Content:

A. Introduction to software in healthcare
B. Coding software in healthcare
C. Reportable diseases
D. Privacy, security, and the Health Insurance Portability and Accountability Act (HIPAA)
E. Electronic Health Record
F. Storage of Electronic Health Record
G. Retrieval of Electronic Health Record
H. Acute Care Software

Learning Assessments:

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

American Health Information Management Association (AHIMA) Virtual Lab. Web address to be provided by instructor.

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.

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.