Common Course Outline
MDAS 110
Basic Medical Coding
3 Credits

Community College of Baltimore County

Description

MDAS 110 –Basic Medical Coding introduces the student to coding methodology and guidelines, demonstrates the importance of accuracy and specificity in code selection, presents different forms of medical data, and lays the foundation for more advanced coding and medical record analysis. Students are introduced to International Classification of Disease (ICD), Current Procedural Coding (CPT), and Healthcare Procedural Coding System (HCPCS) coding.

3 Credits: 3 lecture hours, 1 lab hour

Prerequisites: OFAD/MDAS 141with a "C" or better

Overall Course Objectives

Upon completion of this course students will be able to:
1. explain the importance of medical coding;
2. spell, define and pronounce basic medical terms;
3. apply the concepts of root/suffix/prefix word builds;
4. differentiate between outpatient and inpatient coding and various health care systems;
5. recognize the appropriate coding methodology for coding basic cases from physicians' offices, emergency departments, acute care hospitals, ambulatory clinics, and other health care settings;
6. recognize the differences between frequently used medical insurance forms;
7. apply official coding guidelines and conventions to code selections;
8. demonstrate the ability to accurately code basic medical services using HCPCS codes;
9. demonstrate the ability to accurately code basic medical diagnoses using ICD codes;
10. demonstrate the ability to accurately code basic medical procedures using CPT-4; and
11. utilize computerized Encoder programs and compliance software.

Major Topics

  I. Introduction to ICD and CPT-4 coding systems
 II. Introduction to official coding guidelines for ICD and CPT-4
III. Introduction to ICD diagnostic coding system for diseases and injuries in all body systems
IV. Introduction to ICD procedural coding system in all body systems
 V. Introduction to CPT-4 coding system for surgery, evaluation and management, radiology, pathology and laboratory, anesthesia, and medicine services.

VI. Introduction to HCPCS Level II codes
VII. Introduction to HCPCS Level III codes
VIII. Presentation of overview of organizations, publications and other coding resources
IX. Presentation of basic medical insurance forms
X. Introduction to legal and ethical issues, including HIPAA, pertaining to coding medical records.
XI. Orientation to Encoder and other HIM software programs

Course Requirements

Grading procedures will be determined by the individual faculty member but will include the following:

Grading/exams

- A minimum of 4 assessments, including quizzes and exams
- A minimum of 1 in class coding project
- A minimum of 3 coding projects completed outside of class
- One written research report, 3 pages minimum

Written Assignments: Students are required to use appropriate academic resources.

Other Course Information

Must complete with a "C" or better to enroll in other MDAS courses.

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