

## MRT 117 - Basic Diagnostic Coding

### Challenge Exam Syllabus

#### 3 Credits

#### Course Description:

This course includes history, format and conventions of the International Classification of Diseases, Clinical Modification. The guideline and coding principles for usage of the current ICD manuals will be introduced, including how clinical statements are translated into codes.

#### Course Goals and Objectives:

##### Chapter 1

1. Define QIO.
2. Distinguish between Medicare Part A and Part B.
3. Interpret rules of Health Insurance Portability and Accountability Act (HIPAA).
4. Locate information in the Federal Register.
5. Explain the RBRVS system.
6. Understand the framework of Medicare Fraud.
7. Identify the major components of Managed Health Care.

##### Chapter 2

1. Explain the development of the ICD-10-CM. Describe how the ICD-10-CM replaces the ICD-9-CM, Volumes 1 and 2.
2. Identify the improvements in the ICD-10-CM.
3. Review the official instructional notations and the format in ICD-10-CM. 2

##### Chapter 3

1. Examine the current Official Guidelines for Coding and Reporting; Apply the Official Guidelines for Coding and Reporting.
2. Examine the current Official Guidelines for Coding and Reporting; Apply the Official Guidelines for Coding and Reporting.

##### Chapter 4

1. Explain the organization of the Guidelines.
2. Determine the level of highest specificity.
3. Identify conditions integral to a disease process; Assign multiple codes to a single condition; Report acute and chronic conditions; Demonstrate application of combination codes.
4. Differentiate between residual and late effects; Abstract information that determines if a condition is impending or threatened.

##### Chapter 5

1. Review infectious and parasitic diseases coding.
2. Analyze the neoplasm coding.
3. Review the blood conditions.
4. Examine the endocrine, nutritional, metabolic diseases.
5. Review the blood conditions, mental, behavioral and neurodevelopmental disorders, nervous system, and sense organs coding.
6. Review the circulatory system coding.
7. Review the respiratory system coding.

##### Chapter 6

1. Examine the digestive system coding.
2. Review skin and subcutaneous tissue coding.
3. Review musculoskeletal and connective tissue coding.

## **Chapter 7**

1. Review the pregnancy, childbirth, and puerperium coding.
2. Examine the certain conditions originating in the perinatal period coding.
3. Define the rules of symptoms, signs, and abnormal clinical and laboratory findings, not elsewhere classified coding.
4. Identify the elements of coding injuries and poisonings, and certain other consequences of external causes.

## **Chapter 8**

1. List the uses of the ICD-9-CM.
2. Identify the characteristics of the Tabular List, Volume 1.
3. Identify the characteristics of the Alphabetic Index, Volume 2.
4. Explain the uses of coding conventions when assigning codes.
5. Identify the characteristics of the Procedures Index and Tabular List, Volume 3.

## **Chapter 9**

1. Examine the current Official Guidelines for Coding and Reporting; Apply the Official Guidelines for Coding and Reporting. Chapter 10 1. Trace the development of the Official Guidelines for Coding and Reporting.
2. Apply the Official Guidelines for Coding and Reporting.
3. Define the steps to diagnosis coding.
4. Define the steps to diagnosis coding.

## **Required Text and Materials**

Carol Buck Step by Step Medical Coding (Current Version)

ICD-9-CM for Hospitals, Volumes 1, 2, and 3 Professional Edition

ICD-10-CM and ICD-10-PCS

HCPCS Level II Professional Edition

CPT Professional Edition

Please email Sandra Guy [sguy@necc.mass.edu](mailto:sguy@necc.mass.edu) with any questions regarding this challenge exam