**Instructor:** Candace E. Cundiff, MDE, RHIA, CCS

**Contact Information:** Phone: 636-922-8625 (St. Louis line: 636-928-0836 x 8625) eMail: ccundiff@stchas.edu or through course Moodle eMail

**CEUs:** 16 upon completion

**Pre-requisites:** Current ICD-9-CM coders or individuals who have had previous

ICD-9-CM coding instruction

**Course Description**:

Students will compare and contrast the ICD-9-CM and ICD-10-CM systems and develop skills in assigning codes in ICD-10. Emphasis will be placed in the different code structure providing improved specificity of codes. The course is self-paced but must be completed within two months.

 **Organization, Methods of Presentation, Assignments and Student Activities:**

Course Organization: The course is organized into four units grouping chapters of the ICD-10-CM system together into manageable divisions. Each unit includes readings from the reference and training manuals followed by coding exercises to practice. PowerPoint slides providing hints and explanations to the exercise answers are provided. Some audio files are included for explanation of difficult concepts and instructions. Each unit culminates in a graded quiz. A test over ICD-10-CM will follow Unit 4.

Readings and Training Manual Exercises: Assigned readings and training manual exercises should be completed to serve as a measure of the students' understanding of the material. Links to visual aides are provided for each unit. PowerPoint slides with answers and their written rationale are provided for all exercises and coding cases in the training manuals. Students will have difficulty completing unit quizzes without reading and attempting practice exercises.

ICD-9-CM vs. ICD-10-CM Comparisons: Pdf slides showing comparisons between the ICD-9-CM and ICD-10-CM Guidelines have been provided. Differences in ICD-10-CM are shown in blue.

Audio Files: MP3 audio clips are provided to deliver instructions, tips, and explanations of difficult concepts. Not all chapters have audio files.

Discussion: An online discussion forum is set up for each unit and will allow questions and answers between students and instructor. Students are encouraged to ask questions through the discussion forum so that others may benefit from questions and answers. All postings are anonymous unless the student chooses to reveal his/her identity.

Quizzes/Test: Each unit concludes with a quiz over the material within that unit. Students must score 80% correct and may take quizzes as many times as necessary. Quizzes allow the instructor to know that the student is spending a sufficient amount of time to earn the CEUs awarded for the course. A comprehensive test of the entire ICD-10-CM system will conclude the course. Students must score 80% correct on the test and may take the test as many times as necessary. Students will be awarded CEU certificates only upon successful completion of all quizzes and the final test.

**Resources**

# Required Textbooks and downloads:

ICD-10-CM Coder Training Manual, AHIMA Press, 2014 Edition, ISBN: 978-1-58426-389-0 <https://www.ahimastore.org/ProductDetailBooks.aspx?ProductID=16825>

ICD-10-CM files: downloaded from the course Moodle page or the Center for Disease Control at <http://www.cdc.gov/nchs/icd/icd10cm.htm#10update>

**Course Objectives:**

* Assign ICD-10-CM codes to selected diagnoses and procedures, using electronic code files.

* Given medical reports and records, select diagnoses to be coded.

* Sequence diagnoses according to UHDDS guidelines.

# Sequence of Course Units

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|  |  |  | **ICD-10-CM**  |  |
|  |  | **Item #**  | **Topics**  | **Corresponding** **Guideline Page #s** **Training Manual Page #s**  |
|   | **Unit 1**  | 1  | Introduction to ICD-10-CM, structure of the system  | 7, 2-17  |
|   | 2  | Conventions and Guidelines  | 7-17, 18-23, 85-91  |
|   | 3  | Chapter 1: Certain Infectious and Parasitic Diseases  | 17-25, 26-27, 35, 92-95  |
|   | 4  | Chapter 2: Neoplasms  | 25-32, 28, 35-36, 96-98  |
|   | 5  | Chapter 3: Diseases of the Blood and Blood-Forming Organs and Certain Disorders Involving the Immune Mechanism  | None, 29-30, 36, 99  |
|   |  |  | First Quiz  |  |
|   | **Unit 2**  | 6  | Chapter 4: Endocrine, Nutritional and Metabolic Diseases  | 32-34, 31, 37, 100-103  |
|   | 7  | Chapter 5: Mental and Behavioral Disorders  | 34-35, 32, 37, 104-105  |
|   | 8  | Chapter 6: Diseases of the Nervous System  | 35-39, 33, 38, 106-107  |

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|   | **Unit 2** **cont’d**   | **Item #**  | **Topics**  | **Corresponding Guideline Page #s Training Manual Page #s**  |
|   | 9  | Chapter 7: Diseases of the Eye and Adnexa  | 39-40, 34, 38, 108-109  |
|   | 10  | Chapter 8: Diseases of the Ear and Mastoid Process  | None, 41-42, 51, 110  |
|   | 11  | Chapter 9: Diseases of the Circulatory System  | 41-46, 43-44, 52, 111-115  |
|   | 12  | Chapter 10: Diseases of the Respiratory System  | 46-48, 45, 53, 116-118  |
|   |  |  | Second Quiz  |  |
|   | **Unit 3**   | 13  | Chapter 11: Diseases of the Digestive System  | None, 46, 53, 119-120  |
|   | 14  | Chapter 12: Diseases of Skin and Subcutaneous Tissue  | 47-48, 47, 54, 121-124  |
|   | 15  | Chapter 13: Diseases of the Musculoskeletal System and Connective Tissue  | 48-49, 48-49, 55, 125-126  |
|   | 16  | Chapter 14: Diseases of the Genitourinary System  | 50, 50, 56, 127-128  |
|   | 17  | Chapter 15: Pregnancy, Childbirth and the Puerperium  | 51-59, 59-60, 70-71, 129-134  |
|   | 18  | Chapter 16: Certain Conditions Originating in the Perinatal Period  | 59-62, 61, 72, 135-137  |
|   | 19  | Chapter 17: Congenital Malformations, Deformations and Chromosomal Abnormalities  | 62, 62, 73, 138-139  |
|   |  |  | Third Quiz  |  |
|   | **Unit** **4**   | 20  | Chapter 18: Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified  | 64-66, 63-64, 74, 140-142  |
|   | 21  | Chapter 19: Injury, Poisoning and Certain Other Consequences of External Causes  | 66-75, 65-66, 75, 143-148  |
|  | 22  | Chapter 20: External Causes of Morbidity  | 76-81, 67-68, 76, 149-154  |

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|   | **Unit** **4** **cont’d**   | 23  | Chapter 21: Factors Influencing Health Status and Contact with Health Services  | 81-97, 69, 77, 155-157  |
|   | 24  | General Coding Principles for Different Provider Environments  | 97-106, 160-206  |
|  |  |  | Fourth Quiz |  |
|  |  |  | **ICD-10-CM Comprehensive Test**  |  |

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|  | *MoHealthWINs* |

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