



School of Nursing and Health Professions

Syllabus



Term:	Credit: 3	Office Hours:
Course Code: MDC 112 - ONLINE		Office Location:
Title of Course:		Email:
Days & Times:		Phone:
Location:		Prerequisites: MDC 101
Instructor:		Corequisites: MDC 120

COURSE DESCRIPTION:

The emphasis of this course is on coding procedures using ICD-10-PCS classification system. The course also contains advance coding of diagnosis using ICD-10-CM. The history, structure, and organization of ICD-10-PCS is reviewed and reinforced with exercises and homework assignments. The sixteen sections of ICD-10-PCS are defined along with their application in coding procedures. The values of each character of a code from each section is applied to create surgical codes. The Tables, Index, and the list of codes are used to access the root operation tables and the construction of a surgical code. The use of the Index and Table conventions are described and used to construct procedural codes. The Medical and Surgical section are emphasized in the courses with the thirty-one body system values and its root operations, body parts, approaches, devices and qualifiers. The organization and classification of the ancillary section such as imaging, nuclear medicine, radiation oncology, physical rehabilitation and diagnostic audiology, mental Attachment II health and substance abuse treatment are studied and coded. In addition, students conduct case mix analysis, identify severity of illnesses and create reports on coding quality monitors.

COURSE OBJECTIVES/ COURSE LEARNING OUTCOMES

Upon the successful completion of this course, students will be able to:

1. Identify main terms in the Alphabetic Index demonstrated by exercises and examination
2. Select from clinical cases the principal procedure and secondary procedures.
3. Demonstrate the understanding of the structure and conventions of ICD-10-PCS classification systems and apply procedure codes in assigned clinical cases.
4. Distinguish between the different root operations in the Medical and Surgical related section.
5. Apply coding guidelines for each of the root operations.
6. Conduct case mix analysis
7. Create reports on coding quality monitors.

8. Apply procedure coding guidelines using a computerized coding software application
9. Verify the accuracy of diagnostic/procedural groupings such as DRG
10. Validate coding accuracy using clinical information found in the health record and resolve discrepancies between coded data and supporting documentation

TEXTBOOK REQUIRED:

- Let's Code It! 2024-2025 Code Edition By Shelley Safian and Mary Johnson
- Connect (360 Days Access) ISBN10: 1265956243 | ISBN13: 9781265956240
- 2025 ICD-10-PCS Expert (Spiral) By Optum
- 2025 ICD-10-CM Professional for Physicians with Guidelines by Optum

EVALUATION METHODS:

Learning Activities	Points
Discussions	270
Connect Assignments	360
Connect Capstone	190
Quizzes	180
Total	1000
Letter Grade	Points
A	940 -1,000
A -	900 - 939
B +	870 -899
B	840 - 869
B -	800 - 839
C +	770 - 799
C	700 - 769
D	600 - 699
F	599 or below

WEEKLY OUTLINE:

Unit	Topic	Learning Outcomes (L.O)
1	Introduction to the Languages of Coding	SLO 1
2	The Coding Process and Introduction to ICD-10-CM	SLO 2
3	Specialized Diagnostic	SLO 3
4	Introduction to ICD – 10-PCS Medical and Surgical Section	SLO 4
5	Obstetrics and Complex Coding Systems	SLO 5
6	Integrative Coding Practices	SLO 6
7	Inpatient Coding Recap	SLO 7

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<https://www.hccc.edu/administration/academic-affairs/syllabus-addendum.html>