

# HIM-2261: CODING WITH ICD-10-PCS

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## Cuyahoga Community College

Viewing: HIM-2261 : Coding with ICD-10-PCS

Board of Trustees:

May 2024

Academic Term:

Fall 2026

Subject Code

HIM - Health Information Management

Course Number:

2261

Title:

Coding with ICD-10-PCS

Catalog Description:

Coding with ICD-10-PCS will prepare and train Health Information Management Technology students to understand the format used and how to build an ICD-10-PCS procedure code. Key terms related to ICD-10-PCS, the system's use and the different sections contained within the PCS coding system: medical and surgical, obstetrics, placement, administration, measurement and monitoring; extracorporeal assistance, performance and therapies; osteopathic, chiropractic, and other procedure and treatment sections.

Credit Hour(s):

3

Lecture Hour(s):

2

Lab Hour(s):

2

## Requisites

Prerequisite and Corequisite

HIM-2161 Coding with ICD-10-CM, or departmental approval.

## Outcomes

Course Outcome(s):

Apply the official coding guidelines and conventions for the ICD-10-PCS coding system and research the procedure

Objective(s):

1. Accurately identify the purpose of ICD-10-PCS
2. Demonstrate understanding of the format and structure of the seven characters of ICD-10-PCS
3. Describe the different sections contained within ICD-10-PCS and explain the procedures found in the following: Medical and Surgical section, Obstetrics section, Placement section, Administration of treatment section, Measurement and monitoring section, Extracorporeal assistance, performance, and therapies, Osteopathic, Chiropractic, and other procedure section, Imaging, Nuclear Medicine, and Radiation Oncology, Physical Rehabilitation and diagnostic audiology section, and Mental Health and Substance Abuse treatment section, and new technology section
4. Validate assignment of ICD-10-PCS code: build the procedure PCS code by identifying the section, body system, root operation, body part, approach, device and qualifier to build the code
5. Distinguish between specific procedural approaches used for different procedures and different clinical settings

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Course Outcome(s):

Validate accurate code selection by building correct procedure codes for various procedures

Objective(s):

1. Build correct procedure codes for procedures performed in the medical and surgical section

2. Build correct procedure codes for procedures performed in the obstetrics section
  3. Build correct procedure codes for procedures performed in the Placement section
  4. Build correct procedure codes for procedures performed in the Administration of Treatment section
  5. Build correct procedure codes for procedures performed in the Measurement and Monitoring section
  6. Build correct procedure codes for procedures performed in the Extracorporeal assistance, performance and therapies section
  7. Build correct procedure codes for procedures performed in the Osteopathic, Chiropractic, and other procedure section
  8. Build correct procedure codes for procedures performed in the Imaging, Nuclear Medicine, and Radiation Oncology section
  9. Build correct procedure codes for procedures performed in the Physical Rehabilitation and Diagnostic Audiology section
  10. Build correct procedure codes for procedures performed in the Mental Health and Substance Abuse Treatment section
  11. Build correct procedure codes for procedures performed in the New Technology section
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**Methods of Evaluation:**

1. Quizzes and tests
2. Midterm and Final exams
3. Homework and in-class coding assignments and practice
4. Utilization of electronic code assignment software (encoder)
5. Classroom participation

**Course Content Outline:**

1. Introduction to ICD-10-PCS
  - a. Purpose of ICD-10-PCS
  - b. Format used in code selection
  - c. Building a correct procedure code
  - d. Different sections contained with ICD-10-PCS
  - e. Identify settings in which ICD-10-PCS will be used
  - f. Understand how to build an ICD-10-PCS procedure code
2. Medical and surgical section
  - a. Section
  - b. Body systems
    - i. ICD-10-PCS official coding guidelines relating to body systems
  - c. Root operations
    - i. ICD-10-PCS official coding guidelines relating to root operations
  - d. Body part
    - i. ICD-10-PCS official coding guidelines relating to body part
  - e. Approach
    - i. ICD-10-PCS official coding guidelines relating to approach
  - f. Device
    - i. ICD-10-PCS official coding guidelines relating to devices
  - g. Qualifier
  - h. Appendices in ICD-10-PCS
3. Obstetrics section
  - a. ICD-10-PCS official coding guidelines for obstetric section
  - b. Assign appropriate ICD-10-PCS procedure codes for obstetrical cases
4. Placement section
  - a. Identify the seven characters in the placement section
  - b. Discuss root operations used for placement procedures and treatments
  - c. Body part values for the placement section
  - d. The correct approach, device, and qualifiers used in the placement section
  - e. Assign appropriate ICD-10-PCS procedure codes for the placement section
5. Administration section
  - a. Code character meanings used in the administration section
  - b. Root operations for the administration section
  - c. Body part values used in the administration Section
  - d. Approach, device, and qualifiers used in the administration section
  - e. Assign appropriate ICD-10-PCS procedure codes for administration
6. Measurement and monitoring section
  - a. Character meanings used for ICD-10-PCS measurement and monitoring section
  - b. Root operations used for the measurement and monitoring section

- c. Body system values for measurement and monitoring
- d. Approach, function, and qualifiers used in the measurement and monitoring section
- e. Code procedures in ICD-10-PCS measurement and monitoring
- 7. Extracorporeal assistance and performance
  - a. Character meanings used for extracorporeal assistance and performance
  - b. Root operations used in this section
  - c. Appropriate body system values
  - d. Duration, function, and qualifiers in this section
  - e. Code procedures from ICD-10-PCS extracorporeal assistance
- 8. Extracorporeal Therapies section
  - a. Character meanings used for extracorporeal assistance and performance
  - b. Root operations used in this section
  - c. Appropriate body system values
  - d. Identify the duration, function, and qualifiers in this section
  - e. Code ICD-10-PCS procedures for performance and extracorporeal therapies section
- 9. Osteopathic, chiropractic, and other procedures section
  - a. Character meanings used for osteopathic, chiropractic, and other procedures section
  - b. Root operations used in this section
  - c. Identify the approach, devices, and qualifiers for this section
  - d. Code osteopathic, chiropractic, and other procedures for this section
- 10. Imaging, nuclear medicine, and radiation oncology sections
  - a. Define root type of imaging procedures
  - b. Seven-character codes and the differences among the sections of radiology
  - c. List the types of imaging procedures in this section
  - d. Code procedures from the imaging, the nuclear medicine, and the radiation oncology sections of the ICD-10-PCS
- 11. Physical Rehabilitation and diagnostic audiology section
  - a. Identify the character meanings for this section
  - b. Discuss the root types for physical rehabilitation and diagnostic audiology
  - c. Identify the body system and body region to which this section applies
  - d. Special equipment and qualifiers for this section
  - e. Code procedures found in physical rehabilitation and diagnostic audiology sections
- 12. Mental health and substance abuse treatment section
  - a. Root operations used for the mental health and substance abuse sections
  - b. Identify the character meanings used in the mental health and substance abuse sections
  - c. Code procedures in mental health and substance abuse treatment sections
- 13. New technology section
  - a. Understand the characters used to build a code from the new technology section
  - b. Code procedures from the new technologies section of ICD-10-PCS

### Religious Accommodation

Before reviewing the course schedule, students should carefully review the following religious accommodation policy and other required instructional policies:

#### Religious Accommodation:

Students seeking an accommodation for absences permitted under Ohio's Testing Your Faith Act must provide the instructor with written notice of the specific dates for which the student requires an accommodation and must do so not later than fourteen (14) days after the first day of instruction. Please submit requests for accommodations at this link: <https://portal2.tri-c.edu/ReligiousAccommodation/ReligiousAccommodationForm>. Students with questions about their religious accommodations under Ohio's Testing Your Faith Act may contact the College's Office of General Counsel and Legal Services by phone at 216.987.4856 or via email at [legal@tri-c.edu](mailto:legal@tri-c.edu).

#### Other Required Instructional Policies:

<https://www.tri-c.edu/student-resources/curriculum/documents/syllabus-part-b.pdf>

**Weekly Schedule**

<b>Topics</b>	
Week 1	<ol style="list-style-type: none"> <li>1. Explain course syllabus</li> <li>2. Major features of text</li> <li>3. Introduction to ICD-10-PCS               <ol style="list-style-type: none"> <li>a. Purpose of ICD-10-PCS</li> <li>b. Format used in code selection</li> <li>c. Building a correct procedure code</li> <li>d. Different sections contained with ICD-10-PCS</li> <li>e. Identify settings in which ICD-10-PCS will be used</li> <li>f. Understand how to build an ICD-10-PCS procedure code</li> </ol> </li> </ol>
Week 2	<p>Lecture: Medical and Surgical section</p> <ol style="list-style-type: none"> <li>a. Key terms related to medical and surgical procedures</li> <li>b. Code location for Medical and Surgical procedures</li> <li>c. Code arrangement for Medical and Surgical procedures</li> <li>i. code selection</li> </ol> <p>Lab: Build a code from information available in health record</p>
Week 3	<p>Lecture: Obstetrics Section</p> <ol style="list-style-type: none"> <li>a. Seven characters and their meaning in the Obstetrics Section</li> <li>b. Root operations used for obstetric procedures and treatments</li> <li>c. Body part values in the obstetrics section</li> <li>d. Selection of correct approach, device, and qualifiers used in the obstetric section</li> </ol> <p>Lab: Assign appropriate ICD-10-PCS procedure codes for obstetrical cases</p>
Week 4	<p>Lecture: Placement Section</p> <ol style="list-style-type: none"> <li>a. Identify the seven characters in the Placement Section</li> <li>b. Discuss root operations used for placement procedures and treatments</li> <li>c. Body part values for the placement section</li> <li>d. Correct approach, device, and qualifiers used in the placement section</li> </ol> <p>Lab: Assign appropriate ICD-10-PCS procedure codes for placement section.</p>
Week 5	<p>Lecture: Administration Section</p> <ol style="list-style-type: none"> <li>a. Code character meanings used in the Administration section</li> <li>b. Root operations for administration section</li> <li>c. Body part values used in the Administration Section</li> <li>d. Approach, device and qualifiers used in administration section</li> </ol> <p>Lab: Assign appropriate ICD-10-PCS procedure codes for administration</p>
Week 6	<p>Lecture: Measurement and Monitoring Section</p> <ol style="list-style-type: none"> <li>a. Character meanings used for ICD-10-PCS Measurement and Monitoring section</li> <li>b. Root operations used for the measurement and monitoring section</li> <li>c. Body system values for measurement and monitoring</li> <li>d. Approach, function and qualifiers used in the Measurement and Monitoring section</li> </ol> <p>Lab: Code procedures in ICD-10-PCS measurement and monitoring</p>
Week 7	<p>Lecture: Extracorporeal Assistance and Performance</p> <ol style="list-style-type: none"> <li>a. Character meanings used for Extracorporeal Assistance and Performance</li> <li>b. Root operations used in this section</li> <li>c. Appropriate body system values</li> <li>d. Duration, function and qualifiers in this section</li> </ol> <p>Lab: Code procedures from ICD-10-PCS Extracorporeal Assistance</p>
Week 8	<p>Lecture: Extracorporeal Therapies section</p> <ol style="list-style-type: none"> <li>a. Character meanings used for Extracorporeal Assistance and Performance</li> <li>b. Root operations used in this section</li> <li>c. Appropriate body system values</li> <li>d. Identify the duration, function and qualifiers in this section</li> </ol> <p>Lab: Code ICD-10-PCS procedures for performance and Extracorporeal therapies section</p>

Week 9	Lecture: Osteopathic, Chiropractic and Other Procedures section a. Character meanings used for Osteopathic, Chiropractic and Other Procedures section b. Root operations used in this section c. Identify the approach, devices, and qualifiers for this section  Lab: Code Osteopathic, Chiropractic and Other Procedures for this section
Week 10	Lecture: Imaging, Nuclear Medicine, and Radiation Oncology sections a. Define root type of imaging procedures b. Seven-character codes and the differences among the sections of radiology c. List the types of imaging procedures in this section d. Oncology sections of the ICD-10-PCS  Lab: Code procedures from the Imaging, the Nuclear Medicine, and the Radiation
Week 11	Lecture: Physical Rehabilitation and Diagnostic Audiology section a. Identify the character meanings for this section b. Discuss the Root Types for Physical Rehabilitation and Diagnostic Audiology c. Identify body system and body region to which this section applies
Week 12	Lecture: Mental Health and Substance Abuse Treatment section a. Root operations used for the mental health and substance abuse sections b. Identify the character meanings used in the mental health and substance abuse sections  Lab: Code procedures in Mental Health and Substance Abuse treatment sections
Week 13	Lecture: New Technology Section
Week 14	Chapter: New Technology Section
Week 15	Final Exam Preparation
Week 16	Comprehensive Final Exam

The Course Schedule is subject to change due to pedagogical needs, instructor discretion, parts of term, and unexpected events.

### Required/Recommended Readings

Readings will be from one of the below recommended textbooks, as selected by the individual instructors.

1. Understanding ICD-10-CM and ICD-10-PCS, a Worktext, Authors: Bowie, Mary Jo., and Schaffer, Regina
2. ICD-10-PCS Code Book
3. Health Information Management Technology An Applied Approach, Authors: Nanette Sayles and Leslie Gordon

### Resources for the Instructor

Bowie, Mary Jo., and Schaffer, Regina. (2023) *Understanding ICD-10-CM and ICD-10-PCS, a Worktext*, Clifton Park: Cengage.

(2023) *ICD-10-PCS Code Book*, Chicago: American Medical Association.

Sayles, Nanette. *Health Information Management Technology: An Applied Approach*. Sixth. Chicago: American Health Information Management Association, 2020.

### Additional Resources for the Instructor

1. Internet research sources
2. Professional journals: American Health Information Management Association
3. Coding Clinic
4. 3M Encoder software

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