

MED165 ICD-10-PCS Procedure Coding

Syllabus Overview

This syllabus contains all relevant information about the course: its objectives and outcomes, the grading criteria, the texts and other materials of instruction, and weekly topics, outcomes, assignments, and due dates. Consider this your roadmap for the course. Please read through the syllabus carefully and ask questions if you would like anything clarified. Please print a copy of this syllabus for reference.

Course Description

3 Credits

Prerequisite: MED155

This course covers the principles and guidelines for using the ICD-10 PCS code set and the concept of clinical vocabularies and classifications systems of procedure coding. Focused instruction for interpretation of health record documentation for proper assignment of procedure codes will be emphasized and put into practice as well as the understanding of ICD-10 PCS procedure in relation to inpatient settings.

Course Outcomes

At the completion of this course, students should be able to:

- Apply concepts related to ICD-10-PCS coding principles.
- Perform basic steps of the ICD-10-PCS coding process.
- Assign inpatient procedure codes through interpretation of diagnostic statements
- Follow the basic ICD-10-PCS coding guidelines for the proper assignment of inpatient procedure codes

Communication with Your Instructor

You will receive a welcome email from your instructor prior to the start of class. This email will contain your instructor's contact information. Your instructor will also be communicating with you via several methods in the course, including:

- **Announcements** – This communication tool, located on the navigation menu within your course in Canvas, contains important updates. Be sure to check for new announcements from your instructor each time you access your course.

- **Q&A** – Use this discussion board, located on the Home screen in your course, to communicate with your instructor and classmates regarding general course questions (i.e. missing links, assignment clarification, etc.).
- **Inbox** – Use the Inbox, located in the top right corner of Canvas, to send a message to your instructor or classmates.

Materials and Resources

Required Textbooks:

Papazian-Boyce, Lorraine (2015) *COMPREHENSIVE MEDICAL CODING - A Path to Success, First Edition*. New York, NY: Pearson Education

Optum (2018) *ICD-10-PCS Expert for Hospitals the complete official code set*. Salt Lake City: Optum 360

Bookstore Information

The bookstore can be located in the left-hand navigation of any Canvas course.

Library Services

Detailed information about the eLibrary can be found in the Student Resource Center. This is a course that all students have access to during their academic career.

Canvas Help Desk and Technical Questions

If you experience technical issues in your course, please contact the Canvas Help Desk by clicking the Help link (top right corner within Canvas). There are 3 ways to contact them:

- Phone (888-628-2749)
- Live chat
- Report a problem (submit a ticket)

Be sure to notify your instructor of any technical difficulties you are experiencing.

Additional resources are available in the Student Resource Center and the Canvas Guides website:

<https://community.canvaslms.com/docs/DOC-4121>

Weekly Schedule

Week 1		Introduction to ICD-10-PCS Coding
Outcomes	1. Spell and define the key words, medical terms, and abbreviations related to ICD-10-PCS coding. 2. Identify the purpose of ICD-10-PCS. 3. Outline the organization of the ICD-10-PCS manual and explain the ICD-10-PCS code structure. 4. Discuss ICD-10-PCS Coding Guidelines and describe the basic ICD-10-PCS procedure coding process.	
Reading	Chapter 49 - ICD-10-PCS Procedure Coding	
Resources	<p>Online medical terminology tutorial: https://www.nlm.nih.gov/medlineplus/medicalwords.html</p> <p>Medical Terminology Video: https://youtu.be/3fiEszFPRE8</p> <p>List of medical terminology word parts: Medical Terminology Word Parts http://www.globalrph.com/medterm.htm</p> <p>ICD-10-PCS Official Guidelines for Coding and Reporting (link to PDF)</p>	
Lectures	<ul style="list-style-type: none"> • Introduction to the ICD-10-PCS Codebook – Step by Step • History of ICD-10-PCS 	
Multimedia	None	
Discussion	<p>“What now, a different coding process?” – A Critical Thinking Discussion</p> <p>So, you made it through Diagnosis coding, but consider the fact that in treating those diseases there are specific procedures involved. After reading your chapter and learning about procedural coding, discuss at a minimum three things that you think are important to the procedural coding process and why. Elaborate on what new things you discovered. Back up your opinions with references and in-text citations to course readings, lectures or external articles.</p>	
Practice Assignments	Self-assessment Coding Practice – Chapter 49	
Graded Assignments	Chapter 49 Assignment Worksheet	
Quiz	Quiz 1 – Chapter 49	
Week 2		ICD-10-PCS Overview and Coding for Medical and Surgical Procedures

Outcomes	<ol style="list-style-type: none"> 1. Identify the outline and organization of the ICD-10-PCS manual and the Medical and Surgical procedure coding section 2. Discuss ICD-10-PCS Coding Guidelines for Medical and Surgical Procedures.
Readings	<p>Chapter 50 - Overview of Medical and Surgical Procedures</p> <p>Chapter 51 - Coding for Medical and Surgical Procedures</p>
Lectures	<ul style="list-style-type: none"> • Those Three Things – Body System, Root Operation, and Approach • Never, Never, Ever Code From The Alphabetical Index, Remember? Well Maybe Sometimes
Multimedia	None
Discussion	<p>“Understanding the 7 Pieces that make up the Pie” – An Applied Learning Discussion</p> <p>As you have learned, ICD-10-PCS codes have seven characters and will, for now, always have seven characters. We can call these the seven pieces that make up the whole pie. After evaluating these seven pieces, or characters, discuss whether you feel that this was an efficient way to put together a coding methodology. Should it be longer, or shorter. Do they need to have such specific meanings? Do you think it was made to complicated and why?</p> <p>Back up your opinions with references and in-text citations to course readings, lectures or external articles.</p>
Practice Assignments	Self-assessment Coding Practice – Chapters 50, 51
Graded Assignments	<p>Chapter 50 Assignment Worksheet</p> <p>Chapter 51 Assignment Worksheet</p>
Quiz	Quiz 2 – Chapters 50-51
Week 3	ICD-10-PCS Specific Root Operations B, T, 6, 5, D
Outcomes	<ol style="list-style-type: none"> 1. Spell and define the key words, medical terms, and abbreviations related to procedures that take out some or all of a Body Part. 2. Discuss the types of procedures that take out some or all of a BodyPart. 3. Identify the main characteristics of coding for the Root Operations Excision, Resection, Detachment, Destruction, and Extraction. 4. Abstract procedural information from the medical record for coding for the Root Operations B, T, 6, 5, and D. 5. Assign and arrange the codes for the Root Operations B, T, 6, 5, and D. 6. Discuss the ICD-10-PCS coding guidelines related to Root Operations B, T, 6, 5, and D
Readings	Chapter 52 - Section 0: Root Operations B, T, 6, 5, D

Lectures	<ul style="list-style-type: none"> Root Operations, The Root Of Everything
Multimedia	None
Discussion	<p>“The Root of all...everything!” – A Reflective Learning Discussion</p> <p>It seems as though everything revolves specifically around the root operations. Discuss why you think that the entire coding system was based around the root operation? What was the logic behind it? Does it make sense or not and why? Do you think that this will make things more difficult for surgeons and healthcare providers? What challenges do you feel this will cause in clinical documentation and coding?</p> <p>Back up your opinions with references and in-text citations to course readings, lectures or external articles.</p>
Practice Assignments	Self-assessment Coding Practice – Chapter 52
Graded Assignments	Chapter 52 Assignment Worksheet
Quiz	Quiz 3 – Chapter 52
Week 4	ICD-10-PCS Specific Root Operations Y, M, S, X
Outcomes	<ol style="list-style-type: none"> Spell and define the key words, medical terms, and abbreviations related to procedures that put in/put back or move some/all of a Body Part. Discuss the types of procedures that put in/put back or move some/all of a Body Part. Identify the main characteristics of coding for the Root Operations Transplantation, Reattachment, Transfer, and Reposition. Abstract procedural information from the medical record for coding for the Root Operations Y, M, X, and S. Assign and arrange codes for the Root Operations Y, M, X, and S. Discuss the ICD-10-PCS coding guidelines related to Root Operations Y, M, X, and S.
Readings	Chapter 53 - Section 0: Root Operations Y, M, X, S
Lectures	<ul style="list-style-type: none"> Gone Are The Days Of The General Term “Excision”
Multimedia	None
Discussion	“The Official Guidelines (yes here too)” – An Applied Learning Discussion

	<p>Again, we have not discussed the official guidelines for PCS Coding. They Have their own OGCR and the sections are slightly different. Refer to your copy in the resources folder in Week 1 and choose a “Convention” of interest to you.</p> <p>Discuss its use, why it is important and what impact it has on proper coding of conditions procedures. Elaborate on any new things you may have discovered. Back up your opinions with references and in-text citations to course readings, lectures or external articles.</p>
Practice Assignments	Self-assessment Coding Practice – Chapter 53
Graded Assignments	Chapter 53 Assignment Worksheet
Quiz	Quiz 4 – Chapter 53
Week 5	ICD-10-PCS Specific Root Operations V, L, 7, 1
Outcomes	<ol style="list-style-type: none"> 1. Spell and define the key words, medical terms, and abbreviations related to procedures that alter the diameter/route of a tubular Body Part. 2. Discuss the types of procedures that alter the diameter/route of a tubular Body Part. 3. Identify the main characteristics of coding for the Root Operations Restriction, Occlusion, Dilation, and Bypass. 4. Abstract procedural information from the medical record for coding for the Root Operations V, L, 7, and 1. 5. Assign and arrange codes for the Root Operations V, L, 7, and 1. 6. Discuss the ICD-10-PCS coding guidelines related to Root Operations V, L, 7, and 1
Readings	Chapter 54 - Section 0: Root Operations V, L, 7, 1
Lectures	<ul style="list-style-type: none"> • We Haven’t Talked About Devices Yet
Multimedia	None
Discussion	<p>“How did I do that?” – A Reflective Learning Discussion</p> <p>Choose a procedure from last week that you found particularly challenging. Describe the difficulty, and how you finally arrived at the code or traced back to the correct code. Be sure to include the steps, in detail, of how you arrived at the code starting with the alphabetical index and your cross reference to the tabular index.</p> <p>Elaborate on any new things you may have discovered. Back up your opinions with references and in-text citations to course readings, lectures or external articles.</p>

Practice Assignments	Self-assessment Coding Practice – Chapter 54
Graded Assignments	Chapter 54 Assignment Worksheet
Quiz	Quiz 5 – Chapter 54
Week 6	ICD-10-PCS Specific Root Operations 9, C, F, 8, N, J, K
Outcomes	<ol style="list-style-type: none"> 1. Spell and define the key words, medical terms, and abbreviations related to procedures that take out solids/fluids/gases from a Body Part, involving cutting or separation only, or involving examination only. 2. Discuss the types of procedures that take out solids/fluids/gases from a Body Part, involving cutting or separation only, or involving examination only. 3. Identify the main characteristics of coding for the Root Operations Drainage, Extirpation, Fragmentation, Release, Division, Inspection, and Map. 4. Abstract procedural information from the medical record for coding for the Root Operations 9, C, F, 8, N, J, and K. 5. Assign and arrange codes for the Root Operations 9, C, F, 8, N, J, and K. 6. Discuss the ICD-10-PCS coding guidelines related to Root Operations 9, C, F, 8, N, J, and K.
Readings	Chapter 55 - Section 0: Root Operations 9, C, F, 8, N, J
Lectures	<ul style="list-style-type: none"> • All Of These Chapters Reference Section “0”, What’s Up With That?
Multimedia	None
Discussion	<p>“A Deeper Look into the why of these 7 digit codes” – A Critical Thinking Discussion</p> <p>Back in Chapter 49 we read about the characteristics of the ICD-10-PCS Code set. There were 6 as a matter of fact, and each one has a specific purpose.</p> <p>Pick three of the ones that you think are most important and provide the most versatility. Describe them and discuss why you think they are the most important, and why you feel that way. Consider your understanding of them and any questions you may have about them. Back up your opinions with references and in-text citations to course readings, lectures or external articles.</p>
Practice Assignments	Self-assessment Coding Practice – Chapter 55
Graded Assignments	Chapter 55 Assignment Worksheet

Quiz	Quiz 6 – Chapter 55
Week 7	ICD-10-PCS Specific Root Operations H, R, U, 2, P, W, 3, Q, G, 0, 4
Outcomes	<ol style="list-style-type: none"> 1. Spell and define the key words, medical terms, and abbreviations related to procedures H, R, U, 2, P, W, 3, Q, G, 0, and 4. 2. Discuss the types of procedures that always involve a device, that define other repairs, and that define other objectives. 3. Identify the main characteristics of coding for the Root Operations Insertion, Replacement, Supplement, Change, Removal, Revision, Control, Repair, Fusion, Alteration, and Creation. 4. Abstract procedural information from the medical record for coding for the Root Operations H, R, U, 2, P, W, 3, Q, G, 0, and 4. 5. Assign and arrange codes for the Root Operations H, R, U, 2, P, W, 3, Q, G, 0, and 4. 6. Arrange codes for the Root Operations H, R, U, 2, P, W, 3, Q, G, 0, and 4.
Readings	Chapter 56 - Section 0: Root Operations H, R, U, 2, P, W, 3, Q, G, 0, 4
Lectures	<ul style="list-style-type: none"> • Exploring The Appendices (Not The Ones In Your Body)
Multimedia	None
Discussion	<p>“These all seem the same to me – from a basic standpoint” – An Applied Learning Discussion</p> <p>The Root operations Replacement, Change, Revision, Alteration, and Creation all seem very similar, but, they are not. The creators of PCS had some specifics in mind when calling these out and defining them.</p> <p>For this week’s discussion, we are going to mix it again and put you to the test. Pick three of these and compare and contrast their differences. Consider why they are so finite in meaning and share your opinion as to the usefulness of so many different root operations.</p> <p>Then, pick one of interest and give an example of its use, citing an actual procedure code and the definition of that code. Why is it important that this code be defined in such a way. Utilize your reading and the appendices and elaborate on and back up your opinions with references and in-text citations to course readings, lectures or external articles.</p>
Practice Assignments	Self-assessment Coding Practice – Chapter 56
Graded Assignments	Chapter 56 Assignment Worksheet

Quiz	Quiz 7 – Chapter 56
Week 8	ICD-10-PCS Sections 1-9 Medical and Surgical Related Procedures and Sections B-D, F-H, X: Ancillary Procedures and New Technology
Outcomes	<ol style="list-style-type: none"> 1. Spell and define the key words, medical terms, and abbreviations used with Medical and Surgical-Related and Ancillary procedures. 2. Discuss the types of procedures covered by Medical and Surgical-Related and Ancillary Procedures. 3. Identify the main characteristics of coding for the Root Operations for Medical and Surgical-Related and Ancillary procedures. 4. Abstract procedural information from the medical record for coding for Medical and Surgical-Related and Ancillary procedures. 5. Assign and arrange codes for the Root Operations for Medical and Surgical-Related and Ancillary procedures. 6. Discuss the ICD-10-PCS coding guidelines associated with Medical and Surgical-Related and Ancillary procedures. 7. Review and evaluate the learning from this course.
Readings	<p>Chapter 57 - Sections 1-9: Medical and Surgical Related Procedures</p> <p>Chapter 58 - Sections B-D, F-H, X: Ancillary Procedures and New Technology</p>
Lectures	<ul style="list-style-type: none"> • Finally, Some Different Sections! What Now?
Multimedia	None
Discussion	<p>ICD-10-PCS - A Personal Reflection Assignment</p> <p>Write a short statement of 125 to 150 words which completes and explains the following sentence. "One of the most important things I learned in this course that I can apply in the future to my studies or my career was..."</p>
Practice Assignments	Self-assessment Coding Practice – Chapters 57, 58
Graded Assignments	<p>Chapter 57 Assignment Worksheet</p> <p>Chapter 58 Assignment Worksheet</p>
Quiz	Quiz 8 – Chapters 57-58

Grading and Evaluation

Your grades will reflect the way in which you present and support your topics and positions in the various learning activities used in this course. The grades will be based on the quality and quantity of your comments and responses in the various activities.

Be sure to review the discussion and assignment rubrics in the course for specific grading criteria.

The various graded activities are weighted as follows:

Course Element	% of Final Grade
Assignments	30%
Discussions	40%
Quizzes	30%
Interactive Learning Activities	0%
Total	100%

Students will be expected to meet all the deadlines of the class as indicated throughout the course and in the syllabus. This is primarily so we don't get behind in the course. In addition, discussions cannot overlap from one week to the next. This is to ensure that all discussions and submissions take place within the week they are scheduled in order to be of value to the entire class as well as to help you not get behind. If there are extenuating circumstances, you will need to communicate that to the instructor and make arrangements accordingly, if appropriate.

Late Assignments: Exceptions are to be determined by the instructor on a case-by-case basis. There will be no opportunities for extra credit.

Learner Success Guidelines

These guidelines are provided to help you succeed in your coursework:

- Participate in the class introduction activity on the first day of class.
- Submit ALL assignments by the posted due dates and times.
- Check your emails daily.
- Contact Portal Help for logon problems or Canvas Help for technical issues with Canvas.
- Participate fully in all threaded discussions.
- Contact your instructor if you have questions about an assignment or need additional help completing your work successfully.

Academic dishonesty is grounds for dismissal from the program.

Academic Policies

The following Academic Policies can be found in the [Student Resource Center](#).

- Grading Criteria
- Reasonable Accommodations Policy

MED165 ICD-10-PCS Procedure Coding

- Student Attendance Policy
- Academic Honesty and Integrity Policy
- Student Engagement and the Granting of Academic Credit
- Copyright Policy

Caveat

The above schedule, content, and procedures in this course are subject to change. All policies are superseded by the latest College Catalog available on our website:

<https://www.cambridgecollege.edu/student-rights-complaints-grievances/student-code-conduct>