



OWENS
COMMUNITY COLLEGE

Course Syllabus
SEMESTER
School of Nursing and Health Professions

Course Name:	Clinical Classification Systems I
Course & Section Number:	HIT 233-XXX
Meeting Day(s) & Time(s):	
Credits:	5 Lecture
Contact Hours:	5 (4 Lec, 3 Lab)
Textbook:	AHA Press. ICD-10-CM and ICD-10-PCS Coding Handbook 2026, Nelly Leon-Chisen. <u>ICD-10-CM: Hospitals (2026), Ingenix-Optum Coding.</u> <u>ICD-10-PCS: Hospitals (2026), Ingenix-Optum Coding.</u>
Instructor's Name: *	
Office Hours & Location:	
OCC Phone:	
OCC Email:**	

*Please call me (name) ; it is my preferred name.

****Please use only Owens email for course communications.**

Catalog Description: Introduction to the nomenclature classification and indexing systems in the current edition of International Classification of Disease utilized in coding diagnoses and procedures. Laboratory session focuses on the application of the related skills with accuracy and completeness using computerized and manual methods. Reimbursement systems and other coding systems are also discussed.

Prerequisites/Co-Requisites:

Corequisite: BIO 212, HIT 231

Prerequisite: BIO 211, HIT 125, HIT 102, HIT 236

Current Textbooks, Materials, Equipment (software/hardware requirements):

AHA Press. ICD-10-CM and ICD-10-PCS Coding Handbook 2026, Nelly Leon-Chisen.

ICD-10-CM: Hospitals (2026), Ingenix-Optum Coding.

ICD-10-PCS: Hospitals (2026), Ingenix-Optum Coding.

Technical Support: If you have technical problems with this web course, please contact the Owens Help Desk at 1-800-GO-OWENS ext. 7120. You can also obtain additional support from the e-Learning Office at extension 7309.

General Information

For information on FERPA, Cheating and Plagiarism, Assessment of Student Learning Outcomes and Student Code of Conduct, please refer to the appropriate section of the current Owens Community College Catalog online.

What You Will Learn in the Course**Course Objectives:****This Course will:**

1. Explain how to assign diagnosis and procedure codes according to guidelines and rules set forth by the Cooperating Parties.
2. Explain how to sequence diagnoses and procedures codes according to guidelines and rules set forth by the Cooperating Parties.
3. Explain the theory and regulations concerning Prospective Payment Systems and DRG assignment.
4. Explain how to properly use the computerized encoder and DRG grouper to acquire correct code numbers and assign DRG's.

Student Learning Outcomes:

The following Domains of the Health Information Technology profession will be addressed in this course:

Domain I: Data Content, Structure, and Standards
I.5 Explain the use of classification systems, clinical vocabularies, and nomenclatures
Domain IV. Revenue Cycle Management
IV.1 Validate assignment of diagnostic and procedural codes and groupings in accordance with official guidelines
IV.1 (RM ONLY) Determine diagnosis and procedure codes according to official guidelines

CAHIIM Competencies:

The following program outcomes are assessed in this course

Competencies
N/A

Academic Support

Disability Services Resource Center: If you have a disability or acquire one, you may be entitled to receive reasonable accommodations intended to assure you an equal opportunity to participate in and benefit from the program. To receive more information or to register for accommodations, please contact the Disability Resource Center at 567-661-7007, email disability@owens.edu, visit <https://www.owens.edu/disability/>, or stop by College Hall 124.

Tutoring Services: Owens Community College offers academic tutoring and assistance in a variety of subjects including: accounting, computing, economics, mathematics, science, and writing. For more information go to: <https://www.owens.edu/successcenters/>.

Counseling Services: Counseling Services provides assistance to students experiencing personal, educational, interpersonal/relationship, family, social, or psychological difficulties. If you feel you may benefit from this service, please contact them at counselingservices@owens.edu. More information is at <https://www.owens.edu/counseling/>.

Campus and Community Connections: The Center for Campus and Community Connections (College Hall 123) is a walk-in office created to provide retention support through resource stability initiatives and community connections. Go here for more information: <https://www.owens.edu/connection/> or contact connections@owens.edu

Owens Library: The Owens Library offers two locations (Toledo and Findlay) as well as online resources. For more information visit <https://www.owens.edu/library/>.

Students can find more information on campus resources, student support, student life, and security at this [link](#).

General Information

Student Code of Conduct: All students are expected to follow Owens Community College's Student Code of Conduct, which includes academic honesty, encompassing plagiarism. See the Board Policy for more information.

Anti-Discrimination and Harassment & Title IX/Sexual Misconduct: All students, faculty, and staff are expected to follow Owens Community College's Anti-Discrimination and Harassment Policy and the College's Title IX Policy/Sexual Misconduct Procedures and Guidelines. The College strictly prohibits and will not tolerate harassment, discrimination, intimidation, or hostile/offensive working or learning environments.

Religious Accommodations: A student seeking an accommodation for an absence permitted under Ohio's Testing Your Faith Act must provide the instructor with a written email notice with the specific dates for an absence, and must do so not later than fourteen (14) days after the first day of instruction. Alternative accommodations are not retroactive, and no academic penalty will be imposed for an absence under the policy*. The request for an alternative accommodation will be kept confidential. Students with questions about a religious accommodation under Ohio's Testing your Faith Act may contact the College's Office of Academic Affairs: provost@owens.edu

The policy may be found on the Owens website: [3358:11-2-63 Accommodation for a Student Absence for the Observance of Religious Beliefs and Practices Policy](#)

Document Collection: Throughout the semester, your instructors may ask for a variety of assignments including tests and/or quizzes for student learning of institutional general education competencies or program assessment. Please save all your class materials until the end of the semester.

Classroom Admittance: OCC classes shall only be attended by the officially registered OCC students or perspective students, instructor of record, guest lecturer, or substitute. Visitors are not permitted to be in the classroom and should not be invited to attend or participate in the class. See [FERPA](#) regulations for more information.

Use of AI Tools: This course permits you to use artificial intelligence (AI) tools, such as chatbots, text generators, paraphrasers, summarizers, or solvers, to get guidance on assignments, as long as you do so in an ethical and responsible manner. Essentially, you can think of these tools as ways to help you learn but not to entirely create work for assignments like discussion board posts, essays, presentation slides, and so on. AI is more like your tutor or TA, not a replacement for your independent thinking.

This means that you must:

- Not use AI tools to replace your own thinking or analysis or to avoid engaging with the course content.
- Cite or explain any AI tools you use. Provide the name of the AI tool, the date of access, the URL of the interface, and the specific prompt or query you used to generate the output.
- Be transparent and honest about how you used the AI tool and how it contributed to your assignment. Explain what you learned from the AI tool, how you verified its accuracy and reliability, how you integrated its output with your own work, and how you acknowledged its limitations and biases.

You are accountable for any mistakes or errors made by the AI tool. Always check and edit the output before submitting your work. If you discover any inaccuracies or inconsistencies in the output after submission, notify the instructor immediately and correct them as soon as possible.

Using AI tools in an unethical or irresponsible manner, such as copying or paraphrasing the output without citation or transparency, using the output as your own work without verification or integration, or using the output to misrepresent your knowledge or skills, is considered a form of academic dishonesty and will result in a zero grade for the assignment and possible disciplinary action. If you have any questions about what constitutes ethical and responsible use of AI tools, please consult with the instructor **before** submitting your work.

NOTE: Some instructors will also list specific acceptable and unacceptable uses or include a statement like "All written assignments, projects, and exams must be completed independently."

Student Responsibilities & Instructor Expectations

Student Responsibilities:

- To e-mail the instructor immediately with any questions regarding class procedure, assignments, or grades.
- To view the class on-line regularly (at least every other day, if not every day). A student who does not attend regularly may experience considerable difficulty. Regular attendance is essential in this class.
- It is your responsibility to learn of any announcements concerning assignments or changes from the syllabus.

Student Attendance:

Attendance in the HIT classes is critical to the success of the student accomplishing the objectives of the course.

If the student has **three (3)** incidences of either tardiness or absence, the student will incur a drop of one letter grade and will be required to meet with the instructor and Department Chair.

An excused absence will be defined as:

- Hospitalization (you, your spouse or your children) which **MUST** be verified by a physician's note.
- Death (family member) which **MUST** be verified by a copy of obituary or death announcement.
- Medical appointment due to illness (you or your dependent child) which **MUST** be verified by a physician's note.

Leaving class early:

Students must have pre-approval from the course instructor prior to the class starting. If a student leaves class more than 15 minutes early, it will count towards an unexcused absence. Leaving early, more than 15 minutes; 3 times = 1 absence.

Late assignments:

NO late assignments will be accepted. If it is missing you will receive a 0 in the grade book.

Grading Procedure

Examinations

Case Studies

Assignments

Grading Scale

A =	93- 100%
B =	85- 92%
C =	75- 84%
D =	60- 74%
F =	0- 59%

Grading Distribution

Final Examination	30%
Tests/Quizzes	25%
Chapter Reviews, Worksheets and Exercises	<u>45%</u>
	100%

There are scheduled tests/quizzes that will be given during the semester. The tests/quizzes will be drawn from lectures, assignments and discussions. Items will include knowledge/recall, application and analysis/problem-solving. The Final Exam will be cumulative.

Late assignments:

NO late assignments will be accepted. If it is missing you will receive a 0 in the grade book. If you are absent, and it is an EXCUSED absence, you can turn the assignment in the next scheduled class period. If it is an unexcused absence, please e-mail the answers to the instructor before the end of the day you are absent in order to receive credit.

Video or Audio Recording:

Any video or audio recording of practical examinations is prohibited unless prior instructor consent is given.

**Assignment Calendar
HIT 233: SEMESTER
(DATE and TIME)**

Week/ Date	Topic	Assignments/LAB/ Homework
Week 1 DATE	Review course syllabus Review the ICD-10-CM Code book set-up and Contents Review Coding Guidelines posted in Bb Review EMT Anatomy Review Lecture: Chapter 1: Introduction to the ICD-10-CM Classification Lecture: Chapter 2: ICD-10-CM Conventions	- Complete <i>Textbook</i> Exercises Ch. 1 and check your answers - Review Codebook set-up and tab the sections (optional) - Read Chapter 1 - Review Coding Guidelines posted in Bb - Complete <i>Textbook</i> Exercises Ch. 2 and check your answers - Read Chapter 2 (All Due DATE)
DATE	-Review Chapter 1 and 2 Exercises -Review 3M -Review Coding Clinic Lecture: Chapter 3: Uniform Hospital Discharge Data Set Chapter 4: The Medical Record as a Source Document	- Read Chapters 3-4 -Complete Worksheets 1 and 2 (All Due DATE)
Week 2 DATE	TBD	
DATE	-Review Worksheets 1 and 2 Lecture: Chapter 5: Basic ICD-10-CM Coding Steps	-Read Chapter 5 and 6 - Complete <i>Textbook</i> Exercises Ch. 5-6 and check your answers - Complete Chapter Review Exercise 6.7 -Complete Appendix B Exercises (B.1 and B.2) -Complete Worksheet 3

	Chapter 6: Basic ICD-10-CM Coding Guidelines Read Appendix B: Reporting of the Present on Admission Indicator	-Complete POA Assignment from Bb (All Due DATE) Study for Test #1- Ch. 1-6
Week 3 DATE	- Review Chapter Review Exercise Ch. 6 and Worksheet 3 and POA Assignment Test #1- Ch. 1-6 Lecture: Chapter 7: Introduction to the ICD-10-PCS Classification	-Read Chapter 7 - Complete <i>Textbook</i> Exercises Ch. 7 and check your answers (All Due DATE)
DATE	-Review Chapter Exercise Ch. 7 Lecture: Chapter 8: Basic ICD-10-PCS Coding Steps	-Read Chapter 8 - Complete <i>Textbook</i> Exercises Ch. 8 and check your answers -Complete Worksheet 4 (All Due DATE)
Week 4 DATE	-Review Chapter Exercise Ch. 8 and Worksheet 4 Lecture: Chapter 9: ICD-10-PCS Root Operations in the Medical and Surgical Section	-Read Chapter 9 -Complete <i>Textbook</i> Exercises Ch. 9 and check your answers -Complete Worksheet 5 (All Due DATE)
DATE	-Review Chapter Exercise Ch. 9 and Worksheet 5 Lecture: Chapter 10: ICD-10-PCS Procedures in the Medical- and Surgical-Related and Ancillary Sections	- Read Chapter 10 - Complete <i>Textbook</i> Exercises Ch. 10 and check your answers -Complete Worksheet 6-7 (All Due DATE 9) Study for Test #2- Ch. 7-10
Week 5 DATE	-Review Chapter 10 Exercises and Worksheets 6-7 Test #2- Ch. 7-10 Lecture: Chapter 11: Z Codes and External Cause of Morbidity Codes;	-Read Chapter 11 -Complete <i>Textbook</i> Exercises Ch. 11 and check your answers -Complete Worksheet 8 (All Due DATE)

	And Social Determinants of Health (SDOH)	
Week 5 cont. DATE	-Review Chapter 11 Exercises and Worksheets 8 Lecture: Chapter 12: Symptoms, Signs, and Ill-Defined Conditions	- Read Chapter 12 - Complete <i>Textbook</i> Exercises Ch. 12 and check your answers -Complete Worksheet 9 (All Due DATE)
Week 6 DATE	-Review Chapter 12 Exercises and Worksheets 9 Lecture: Chapter 13: Infectious and Parasitic Diseases	- Read Chapter 13 - Complete <i>Textbook</i> Exercises Ch. 13 and check your answers -Complete Worksheet 10 (All Due DATE)
DATE	-Review Chapter 13 Exercises and Worksheets 10 Lecture: Chapter 14: Endocrine, Nutritional, and Metabolic Diseases	- Read Chapter 14 - Complete <i>Textbook</i> Exercises Ch. 14 and check your answers -Complete Worksheet 11 (All Due DATE) Study for Test #3 Ch. 11-14
Week 7 DATE	-Review Chapter 14 Exercises and Worksheets 11 Test #3 Ch. 11-14 Lecture: Chapter 15: Mental Disorders	- Read Chapter 15 - Complete <i>Textbook</i> Exercises Ch. 15 and check your answers -Complete Worksheet 12 -Test #3 (All Due DATE)
DATE	-Review Chapter 15 Exercises and Worksheets 12 Lecture: Chapter 16: Diseases of the Blood and Blood-Forming Organs and Certain Disorders Involving the Immune Mechanism	- Read Chapter 16 - Complete <i>Textbook</i> Exercises Ch. 16 and check your answers -Complete Worksheet 13 (All Due DATE)

Week/ Date	Topic	Assignments/LAB/ Homework
Week 8 DATE	-Review Chapter 16 Exercises and Worksheets 13 Lecture: Chapter 17: Diseases of the Nervous System	- Read Chapter 17 - Complete <i>Textbook</i> Exercises Ch. 17 and check your answers -Complete Worksheet 14 (All Due DATE)
DATE	-Review Chapter 17 Exercises and Worksheets 14 Lecture: Chapter 18: Diseases of the Respiratory System	- Read Chapter 18 - Complete <i>Textbook</i> Exercises Ch. 18 and check your answers -Complete Worksheet 15 (All Due DATE)
Week 9 DATE	-Review Chapter 18 Exercises and Worksheets 15 Lecture: Chapter 19: Diseases of the Digestive System	- Read Chapter 19 - Complete <i>Textbook</i> Exercises Ch. 19 and check your answers -Complete Worksheet 16 -Study for Test #4 in class Monday (All Due DATE)
DATE	Lecture: Chapter 20: Diseases of the Genitourinary System -Test #4 in class DATE	Read Chapter 20 - Complete <i>Textbook</i> Exercises Ch. 19 and 20 and check your answers -Complete Worksheet 16 and 17 (All Due DATE)
Week 10 DATE	-Review Chapter 20 Exercises and Worksheets 17 Test #4 Ch. 15-18 Lecture: Chapter 21: Diseases of the Skin and Subcutaneous Tissue	- Read Chapter 21 - Complete <i>Textbook</i> Exercises Ch. 21 and check your answers -Complete Worksheet 18 (All Due DATE)

DATE	-Review Chapter 21 Exercises and Worksheets 18 Lecture: Chapter 22: Diseases of the Musculoskeletal System and Connective Tissue	- Read Chapter 22 - Complete Textbook Exercises Ch. 22 and check your answers -Complete Worksheet 19 (All Due DATE)
Week 11 DATE	-Review Chapter 22 Exercises and Worksheets 19 Lecture on: Chapter 23: Complications of Pregnancy, Childbirth, and the Puerperium	- Read Chapter 23 - Complete Textbook Exercises Ch. 23 and check your answers -Complete Worksheet 20 (All Due DATE)
DATE	-Review Chapter 23 Exercises and Worksheets 20 Lecture: Chapter 24: Abortion and Ectopic Pregnancy	- Read Chapter 24 - Complete Textbook Exercises Ch. 24 and check your answers -Study for Test #5 Ch. 19-24 (All Due DATE)
Week 12 DATE	-Review Chapter 24 Exercises Test #5 Ch. 19-24 Lecture: Chapter 25: Congenital Anomalies	-Read Chapter 25 - Complete Textbook Exercises Ch. 25 and check your answers -Complete Worksheet 21 (All Due DATE)
Week 12 continued DATE	Lecture: Chapter 26: Perinatal Conditions	- Read Chapter 26 - Complete Textbook Exercises Ch. 26 and check your answers -Complete Worksheet 22 (All Due DATE)
Week 13 DATE	-Review Chapter 25 and 26 Exercises and Worksheets 21 and 22 Lecture: Chapter 27: Diseases of the Circulatory System	- Read Chapter 27 - Complete Textbook Exercises Ch. 27 and check your answers

	HIT Multimedia Presentation TIME Second Year Students	-Complete Worksheet 23 (All Due DATE)
DATE	-Review Chapter 27 Exercises and Worksheets 23 Lecture: Chapter 28: Neoplasms	- Read Chapter 28 -Complete Textbook Exercises Ch. 28 and check your answers -Complete Worksheet 24 -Study for Test #6 Ch. 25-28 (All Due DATE)
Week 14 DATE	-Review Chapter 28 Exercises and Worksheets 24 Take Test #6 Ch. 25-28 Lecture: Chapter 29: Injuries	- Read Chapter 29 - Complete Textbook Exercises Ch. 29 and check your answers -No Worksheet (All Due DATE)
DATE	-Review Chapter 29 Exercises Lecture: Chapter 30: Burns	- Read Chapter 30 - Complete Textbook Exercises Ch. 30 and check your answers -Complete Worksheet 25 (All Due DATE)
Week 15 DATE	-Review Chapter 30 Exercises and Worksheets 25 Lecture: Chapter 31: Poisoning, Toxic Effects, Adverse Effects, and Underdosing of Drugs	- Read Chapter 31 - Complete Textbook Exercises Ch. 31 and check your answers -No Worksheet (All Due DATE)
DATE	-Review Chapter 31 Exercises -Review for Final Exam	-Study for Final Exam
DATE	Comprehensive Final Exam! Regular class time	

Disclaimer: “The instructor reserves the right to amend this syllabus as deemed necessary and will communicate such amendment to the students in the course.”