



OWENS
COMMUNITY COLLEGE

**Course Syllabus
SEMESTER**

School of Nursing and Health Professions

Course Name:	<i>Reimbursement Methodologies</i>
Course & Section Number:	HIT 243-XXX
Meeting Day(s) & Time(s):	Online
Credits:	2
Contact Hours:	2
Textbook(s):	-Anne Casto and Susan White. <u>Principles of Healthcare Reimbursement and Revenue Cycle Management</u> (8 th Ed.). AHIMA -Sayles, Nanette. <u>Health Information Management Technology An Applied Approach</u> . 7th Edition, AHIMA. (used also in the HIT102 class)
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: A study of the reimbursement systems and issues which include the compliance environment; payers and reimbursement vocabulary. Reimbursement systems that are studied include the Inpatient and Outpatient Prospective Payment System, MS-DRGs, RBRVS, and APCs. The Chargemaster processes, EDI billing technologies and applications programs are reviewed. The code sets of HIPAA are reviewed, as well as claim processing and revenue cycle management.

Prerequisites/Co-Requisites:

Prerequisite: HIT 231, HIT 233, HIT 236 Corequisite: HIT 241

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

Anne Casto and Susan White. Principles of Healthcare Reimbursement and Revenue Cycle Management (8th Ed.). AHIMA

Supplemental Textbook:

Sayles, Nanette and Gordon, Leslie. Health Information Management Technology: An Applied Approach.-6th Edition. American Health Information Management Association.

On-line Course Requirements:

Online Course Requirements: Technical Requirements for e-learning at:

https://www.owens.edu/distance_ed/bkboard_req.html

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. Describe the organization of the healthcare delivery system as it relates to the various reimbursement systems.
2. Define health care reimbursement terms, phrases, and abbreviations.
3. Identify how payment is made based on the various reimbursement methods.
4. Describe each of the major types of third-party payers and their coverage plan.
5. Describe the revenue cycle management process.
6. Examine compliance programs and regulations.
7. Examine data collection tools utilized for reimbursement practices and payment systems.

Student Learning Outcomes:**The student will:**

The following Domains, Subdomains and Task Competencies of the Health Information Technology profession will be addressed in this course:

Domain I. Data Structure, Content, and Information Governance
I.5. Explain the use of classification systems, clinical vocabularies, and nomenclatures. (Ch. 5-8)
Domain IV: Revenue Cycle Management
IV.3. Summarize regulatory requirements and reimbursement methodologies. (Ch. 1-4) Level 2
IV.3. RM Evaluate compliance with regulatory requirements and reimbursement methodologies. (Ch. 1-4) Level 5
Domain V. Health Law & Compliance
V.4. Identify the impact of policy on health care. (Ch. 5-8) Level 3

CAHIIM Competencies:

7.1 Revenue Cycle Management
7.1.1 Apply reimbursement methodologies and payment systems for the continuum of care. (shows)
7.1.2 Apply regulatory requirements for patient billing data collection, claim generation, and adjudication for reimbursement and compliance. (shows)
7.2 Patient Encounters and Payers Responsibilities
7.2.1 Facilitate prior authorization and insurance eligibility activities. (knows)
7.2.2 Document patient encounters and data collection, including charge capture, coding, and charge entry. (knows)
7.2.3 Follow an established pricing estimate protocol to generate a transparent and compliant patient estimate of proposed services. (knows)
7.2.4 Identify underpayments by payors or failure to capture revenue. (knows)
7.2.5 Process denials and appeals for claims. (knows)

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.

Writing assignments:

All writing assignments will be submitted via Blackboard unless otherwise instructed.

Academic Assistance and Support

A combination of services is provided to students to both enhance the educational experience and improve student growth. Included but not limited to:

1. Library Services
2. Testing Center
3. Tutoring
4. Writing Center
5. Counseling Services

For an appointment, email CounselingServices@Owens.edu or call 567.661.7168

6. HIT Computer Labs, HEC101 for program students only.

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Attendance:

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

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.
- Jury Duty (need documentation)

Late Assignments:

NO late assignments will be accepted. Exceptions will be considered for extreme circumstances.

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.

Video or Audio Recording:

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

INSTRUCTIONAL METHODS:

- Chapter reading and learning exercise assignments are to be completed before web-class.
- Web-based class time will be up to each student. This is a very intense yet rewarding web-class that will require approximately 6 hours each week to really learn the material and stay on schedule to finish in 16 weeks.
- Communication is vital and can be done through e-mail.

Grading Procedure:

Point system; each point is equally weighted versus the total points available.

Discussion Board
Key Terms
Tests
Review Quizzes
Exercises
Assignments
Final Exam

Grading Scale: Letter grades are assigned based on the total points achieved.

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

COURSE SCHEDULE, ASSIGNMENTS
HIT 243 – Reimbursement Methodologies

Refer to Web Site (Bb) for Due dates. All assignments due by TIME of due date.

Module	Weeks	Topic	Assignment
1	1:DATE	Chapter 1: Healthcare Reimbursement and Revenue Cycle Management This chapter discusses the concept of third-party payment used in the US. Learning Objectives: • Distinguish between the social insurance, national health service, and private health insurance healthcare delivery models • Describe the US healthcare business model • Define health insurance • Explain the connection between US health insurance and employment • Define revenue integrity • Identify the three main components of the revenue cycle	Make sure you register on the student Website so you can access the student workbook. See the inside cover of the textbook to get your code. Read Chapter 1 Review Lecture Slide for Ch. 1 and take notes Discussion Board: Introduction Discussion Board: Chapter 1: Revenue integrity, Revenue cycle and Integrated revenue cycle Define key terms listed at the beginning of the chapter (choose at least 10 terms new to you) Complete Chapter Review Quiz at the end of the chapter Complete Check Your Understanding- For Practice Only. (Answers in Appendix B of the Text) Complete Application and Data Analysis Exercises-Ch. 1 Intermediate Exercises #1 and #2 in student workbook US Healthcare Business Model—Understanding the Relationships between Patient, Employer, Third-Party Payer and Provider (3) and Health Insurance and Employment (4)

Module	Weeks	Topic	Assignment
2	3: DATE	Chapter 2: Health Insurance Learning Objectives: • Discuss the major types of health insurance • Differentiate individual healthcare insurance from employer-based healthcare insurance • Explain the provisions of a health insurance policy • Describe characteristics of managed care in terms of quality and cost-effectiveness • Describe the common care management tools used in managed care • Explain the cost controls used in managed care • Describe the types of managed care organizations	Discussion Board: Chapter 2: Utilization management and Utilization review Define key terms listed at the beginning of the chapter (choose at least 10 terms new to you) Complete Chapter Review Quiz at the end of the chapter Complete Check Your Understanding- For Practice Only. (Answers in Appendix B of the Text) Complete Application and Data Analysis Exercises-Ch. 2 Intermediate Exercises #1 and #2 in student workbook Cost-Sharing Expense (3) and Choosing MCO Service Management Tools (3) Test #1 (Chapter 1 and 2)
3	5: DATE	Chapter 3: Government Sponsored Health Plans Learning Objectives: • Identify the different government-sponsored healthcare programs • Recall the history of the Medicare and Medicaid programs in the US • Determine cost sharing responsibility for Medicare beneficiaries • Describe the effect that government-sponsored healthcare programs have on the US healthcare system	Discussion Board: None Define key terms listed at the beginning of the chapter (choose at least 10 terms new to you) Complete Chapter Review Quiz at the end of the chapter Complete Check Your Understanding- For Practice Only. (Answers in Appendix B of the Text) Complete Application and Data Analysis Exercises-Ch. 3 Intermediate Exercises #1 and #2 in student workbook Medicare Cost Sharing (3) and Analyzing the different parts of Medicare (4)

Module	Weeks	Topic	Assignment
4	7: DATE	Chapter 4: Healthcare Reimbursement Methodologies Learning Objectives: • Define retrospective reimbursement • Define prospective reimbursement • Compare the types of healthcare reimbursement methodologies • Differentiate retrospective reimbursement methodologies from prospective reimbursement methodologies • Illustrate how diagnosis coding is used in risk adjustment models • Describe how accountable care organizations combine reimbursement methodologies to create a hybrid payment system	Discussion Board: Chapter 4: Case Rate Methodology/HCC Model Define key terms listed at the beginning of the chapter (choose at least 10 terms new to you) Complete Chapter Review Quiz at the end of the chapter Complete Check Your Understanding- For Practice Only. (Answers in Appendix B of the Text) Complete Application and Data Analysis Exercises-Ch. 4 Beginner Exercises #1 and #2 in student workbook Key Term Matching (1) and Understanding Reimbursement Methodologies (2) Test #2 (Chapters 3 and 4)
5 Module 5 continued on next page	8: DATE 9: DATE	Chapter 5: Medicare Hospital Acute Inpatient Services Payment System Learning Objectives: • Describe the structure of the Medicare hospital acute inpatient payment system • Illustrate MS-DRG assignment • Describe severity of illness levels of MS-DRGs • Describe the Medicare hospital acute inpatient payment system provisions • Articulate Medicare value-based purchasing programs related to the hospital acute inpatient setting	Discussion Board: Chapter 5: MS-DRG Assignment Define key terms listed at the beginning of the chapter (choose at least 10 terms new to you) Complete Chapter Review Quiz at the end of the chapter Complete Check Your Understanding- For Practice Only. (Answers in Appendix B of the Text) No Exercises for this chapter
Module 5 continued		Chapter 6 Medicare Skilled Nursing Facility Services Payment	Discussion Board: None

		System Learning Objectives • Describe the Medicare skilled nursing facility services payment system • Explain the patient-driven payment model • Illustrate the variable per diem adjustment included in the payment model • Describe the skilled nursing facility value-based purchasing program	Define key terms listed at the beginning of the chapter (choose at least 10 terms new to you) Complete Chapter Review Quiz at the end of the chapter Complete Check Your Understanding- For Practice Only. (Answers in Appendix B of the Text) Complete Application and Data Analysis Exercises-Ch. 6 Intermediate Exercises #1 and #2 in student workbook Practice with PDPM CMGs (3) and Examining Resource Consumption (4)
6 Module 6 continued on next page	10: DATE 11: DATE 12: DATE 13: DATE 14: DATE 15: DATE	Chapter 7: Medicare Hospital Outpatient Payment System Learning Objectives: • Define bundling • Define packaging • Describe how payment status indicators represent reimbursement methodologies • Illustrate how packaging is utilized in OPPTS reimbursement • Describe the OPPTS provisions Chapter 8: Medicare Physician and Other Health Professional Payment System Learning Objectives • Describe how the two parts of the Medicare Physician and Other Health Professional Payment System, RBRVS and MPFS, work together to determine payment • Define the three elements of the RBRVS	Test #3 (Chapters 5 and 6) Discussion Board: Chapter 7: Medicare Hospital Outpatient Payment System and interrupted services provision Define key terms listed at the beginning of the chapter (choose at least 10 terms new to you) Complete Chapter Review Quiz at the end of the chapter Complete Check Your Understanding- For Practice Only. (Answers in Appendix B of the Text) Complete Application and Data Analysis Exercises-Ch. 7 Beginner Exercise #1 only in student workbook Matching (1) and PPS Grid (2) Discussion Board: Chapter 8: Compare and contrast the Merit-based Incentive Payment System (MIPS) and the advanced Alternative payment Models (APMs) tracks Define key terms listed at the beginning of the chapter

		relative value unit - Describe how the geographic practice cost index is used to adjust for cost differences across the US - Discuss the provisions of the Medicare Physician and Other Health Professional Payment System - Describe the Quality Payment Program (QPP)	(choose at least 10 terms new to you) Complete Chapter Review Quiz at the end of the chapter Complete Check Your Understanding- For Practice Only. (Answers in Appendix B of the Text) Complete Application and Data Analysis Exercises-Ch. 8 Intermediate Exercises #1 only in student workbook Applying Medicare Physician and Other Health Professional Payment System Provisions (3)
Module 6 continued		Chapter 9: Revenue Cycle Front-End Processes—Patient Engagement Learning Objectives - Describe the processes included in the front end of the revenue cycle component - Analyze patient financial agreements - Explore the scheduling and registration process - Understand the impact of cost sharing on the patient's financial position	Discussion Board: None Define key terms listed at the beginning of the chapter Complete Chapter Review Quiz at the end of the chapter Complete Check Your Understanding- For Practice Only. (Answers in Appendix B of the Text) Complete Application and Data Analysis Exercises-Ch. 9 Beginner Exercises #1 and #2 in student workbook Exploring patient responsibility agreements (2) and Understanding the steps in the revenue cycle front end (2) Study for Final Exam
	Exam Week: 16: DATE	Comprehensive Final Exam Due: DATE at TIME	Final Exam

The course faculty reserves the right to make any changes in course readings, assignments, and requirements, etc. if necessary. Once changes are announced in class or via e-mail, you are responsible for completing the new activities. Terms and conditions of this syllabus are subject to change with reasonable notice.