

HPEM 6311	Healthcare Insurance & Management	Revenue Cycle	Credit Hours: 3
Semester:	Fall	Year:	2024
Class Days/Times:	Mondays & Thursdays 6:00 – 8:00 synchronous session	Class Location:	Fully Online
Instructor of Record:	Mr. Bryan Pannagl, N	I.S., MBA	Instructor
Offic Office Phor E-Ma Office Hou	ne: (903) 877-8732 ail: bryan.pannagl@uttyle	available weekdays	s 8:00AM to 4:00PM by cell

Course Description:

This course focuses on developing a high-level understanding of the economics of the US health insurance system and learning key concepts and techniques related to healthcare reimbursement. The course content is divided into two sections: revenue cycle management (the CRCR certification) and the Economics of Health Insurance. Traditional and emerging payment models and compensation models for providers will be discussed in depth from the provider perspective.

Prerequisite: None

Co-requisite: None

Student Learning Outcomes (SLO or "course objective"):

Upon successfully completing this course, the student will be able to:

- 1. Explain the evolution of the US health insurance system.
- 2. Explain the stages and components of the revenue cycle.
- 3. Explain value-based care and describe value-based payment models.
- 4. Explain and apply the concepts of provider contracting.
- 5. Assess various reimbursement models for financial impact on the organization.

Course Assessment/Methods of Evaluation:

Assignments	Number	Percentage
CRCR Quizzes	4	10
Exam 1	1	40
Discussions	7	15
Attendance	4	5
Exam 2	1	30
Total		100%

Linked MPH Program Learning Outcomes:

The student learning outcomes listed above address the following MPH Program PLOs:



- PLO1 The student will demonstrate mastery in each of the five core knowledge areas in public health: Biostatistics, Epidemiology, Social & Behavioral Sciences, Health Policy and Management, and Environmental Health Sciences.
- PLO3 The student will demonstrate proficiency in using multiple informational resources to gather, analyze, apply and report solutions to public health problems with a special emphasis on rural community health.
- PLO4 The student will demonstrate proficiency in English communication in both oral (public speaking) and written forms as they pertain to conveying key concepts in public health.
- PLO5 The student will demonstrate proficiency in using computers and other forms of digital technology and media as they pertain to research, office management and public health issues.
- PLO6 The student will demonstrate independent and critical thinking skills.

Linked MHA Program Learning Outcomes:

The student learning outcomes listed on pp. 1 and 2 address the following MHA Program PLOs:

- PLO A.1 The student will identify appropriate sources and gather information, effectively and efficiently.
- PLO A.2 The student will appraise literature and data critically that enhances community health.
- PLO A.3 The student will develop, understand and use data from performance, surveillance or monitoring systems.
- PLO A.4 Financial analysis: Understand and explain financial and statement; prepare and manage budgets; and make sound long-term investment decisions.
- PLO A.5 The student will understand and apply basic statistical methods relevant to public health and health administration practice.
- PLO A.10 The student will implement a decision-making process that incorporates evidence from a broad analysis that includes uncertainty, risk, stakeholders, and organizational values.
- PLO B.1 The student will speak and write in a clear, logical, and grammatical manner in formal and informal situations; prepare cogent business presentations; facilitate an effective group process.
- PLO B.2 The student will receive, process, and respond appropriately to information conveyed by others.
- PLO B.3 The student will perceive and respond appropriately to the spoken, unspoken, or partly expressed thoughts, feelings, and concerns of others.

Required Textbook:

HFMA (2021) Certified Revenue Cycle Representative Course. Accessed on line through your HFMA account. (an explanation of the process is included in the class canvas)

Morrisey M.A., Health Insurance 3rd. edition 2020 Health Administration Press Chicago Illinois

Other Required Readings: As assigned. These articles will be posted on Canvas in the week to which they are relevant.

****It is required that you join HFMA as a student member**, you will be utilizing multiple resources from them, including the Certified Revenue Cycle Representative course materials.

Assignment Descriptions:

<u>Quizzes</u>

The University of Texas Health Science Center at Tyles

Short (5 to10 questions) quizzes will be posted in Canvas and are used throughout the CRCR component of the class. The questions will be multiple choice and will focus on the content of the material covered up until that point in the course with an emphasis on the most recent material. The intent is to help you prepare for Exam 1 (the CRCR certification exam). **Quizzes must be completed by 11:59 pm of the due date.**

Discussions

For the second half of the course where we will utilize the text, there will be a discussion question that will be opened after each session pertaining to the topics discussed in that session. This will be open for your participation for a full week or until the next session. While use of A.I. is not prohibited, it will likely not be of any significant benefit. There are no strict "correct" or "incorrect" answers or replies. These questions are for active engagement of the students to think about the topics. Grading will simply be based upon whether you participated or not.

<u>Exams</u>

The two exams will cover material covered in the readings, lectures and in class exercises. The first exam will cover material up to week 6 of the course (the end of the CRCR modules) and is the official certification exam from HFMA. The second exam will cover material from week 7 to the end of the class and will be an exam that I create. **Exams are due by 11:59 pm of the due date.**

Student's obtaining CRCR certification is a primary objective of this course and reflecting that, Exam 1 accounts for 50% of your grade. The passing score to obtain certification with HFMA is 70%. Your course grade is not equivalent to your raw score that you make on the CRCR exam. Because the CRCR exam is a professional exam developed to assess professional base competency, my view is that 70% is equivalent to a "B" which is the traditional lower threshold for academic competency at the graduate level. In other words, 70% = 80%. Additionally, there is usually a scaling of grades based on the classes overall performance, this typically accounts for a few extra points being added to the course grade.

Course Content:

Schedule	Assigned Readings
<u>Week 1 (August 26)</u> The Patient Centric Revenue Cycle Part I Introduction Meeting: Thurs the 29 th & 6 PM Required Zoom Meeting	CRCR Unit 1 1.1 thru 1.6
Week 2 (September 2) The Patient Centric Revenue Cycle Part II Quiz #1 Due September 6	CRCR Unit 1 1.6 thru 1.10

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Week 3 (September 9)		
Pre-services Financial Care	CRCR Unit 2 2.1 thru 2.7	
Quiz #2 Due September 13	2.1 unru 2.7	
Week 4 (September 16)		
Point of Service Financial Care	CRCR Unit 3 3.1 thru 3.7	
Quiz #3 Due September 20		
Week 5 (September 23)		
Post Service Financial Care Part I	CRCR Unit 4 4.1 thru 4.5	
Week 6 (September 30)		
Post Service Financial Care Part II	CRCR Unit 4 4.5 thru 4.9	
Quiz #4 Due October 4	4.5 UII 4.5	
Week 7 (October 7)		
Exam 1 (Due October 11 11:59 pm)	None	
Week 8 (October 14)		
The Affordable Care Act	Morrisey Chapter 2	
Zoom Meeting Thursday Oct 17 th @ 6PM Required attendance	*Optional Reading - Chapters 1 and 3 provide additional background to materials from the CRCR modules	
Week 9 (October 21)		
The Demand for Health Insurance	Morrisey Chapter 4	
Zoom Meeting Monday Oct 21 st @ 6PM Not required will be recorded		

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Week 10 (October 28)		
Adverse Selection	Morrisey Chapter 5	
Zoom Meeting Thursday Oct 31 st @ 6PM		
Required attendance		
Week 11 (November 4)		
Underwriting and Rate Making and Risk Adjustment	Morrisey Chapter 6 and 7	
Zoom Meeting Monday Nov 4 th @ 6PM Not required will be recorded		
Week 12 (November 11)		
Moral Hazard and Utilization Management	Morrisey Chapter 8 and 9	
Zoom Meeting Thursday Nov 14 th @ 6PM Required attendance		
Week 13 (November 18)		
Influence of Market Power	Morrisey Chapter 10 and 11	
Zoom Meeting Thursday Nov 21 st @ 6PM Required attendance		
Holiday: November 25 – November 29		
Thanksgiving holidays for faculty and students		
Week 14 (December 2)		
Compensating Differentials	Morrisey Chapter 14	
Zoom Meeting Monday Dec 2 nd @ 6PM Not required will be recorded		
Week 15 (December 9)		
Exam Week: Exam 2 available from 8:00 am,	Proctored via ProctorU Auto	
Monday, December 9 th until 11:59 pm, Friday,		
December 13th		
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Other Class Policies:

Adding/Dropping:

The official deadline for adding and dropping courses is as published in the academic calendar and Graduate Bulletin (typically the day before Census Day). However, students are strongly encouraged to meet with their graduate advisor or the Program Coordinator prior to adding/dropping courses.



Movement into and out of classes after the 4th class day requires approval of the Program Director. Students can drop until mid-semester without a WP or WF. Drops after mid-semester require approval of the Dean. Each student is responsible for their own enrollment status with the university.

Use of Artificial Intelligence (AI):

UT Tyler is committed to exploring and using artificial intelligence (AI) tools as appropriate for the discipline and task undertaken. We encourage discussing AI tools' ethical, societal, philosophical, and disciplinary implications. All uses of AI should be acknowledged as this aligns with our commitment to honor and integrity, as noted in UT Tyler's Honor Code. Faculty and students must not use protected information, data, or copyrighted materials when using any AI tool. Additionally, users should be aware that AI tools rely on predictive models to generate content that may appear correct but is sometimes shown to be incomplete, inaccurate, taken without attribution from other sources, and/or biased. Consequently, an AI tool should not be considered a substitute for traditional approaches to research. You are ultimately responsible for the quality and content of the information you submit. Misusing AI tools that violate the guidelines specified for this course (see below) is considered a breach of academic integrity. The student will be subject to disciplinary actions as outlined in UT Tyler's Academic Integrity Policy.

For this course, you are permitted to explore using artificial intelligence (AI) tools, such as ChatGPT, for all assignments and assessments. Any such use must be appropriately acknowledged and cited, following the guidelines established by the APA including the specific version of the tool used. The submitted work should include the exact prompt you used to generate the content and the AI's complete response as an appendix. Because AI-generate content is not necessarily accurate or appropriate, you must assess the validity and applicability of any submitted AI output. You will not earn full credit if inaccurate, invalid, or inappropriate information is found in your work.

APA Style Citation Information

Disability Accommodations:

UTHSCT abides by Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act, which mandate reasonable accommodations be provided for students with documented disabilities. If you have a disability and may require some type of instructional and/or examination accommodations, please contact me early in the semester so that I can provide or facilitate provision of accommodations you may need. If you have not already done so, you will need to register with the Student Services Office (located on the UT Tyler Campus). You may call 903-566-7079 for more information.

Note: The Instructor retains the right to change this syllabus.