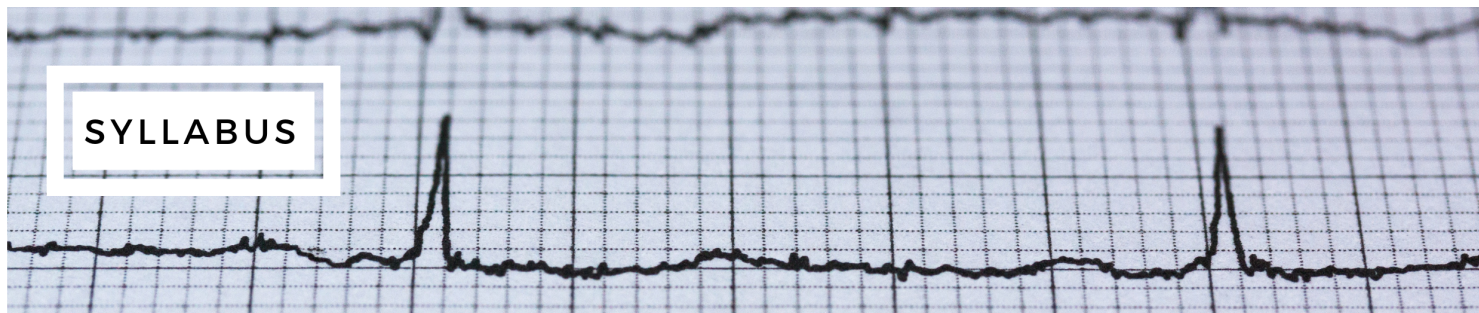


Course Syllabus

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Course Information

This course is offered collaboratively through the UW MBA Consortium.

Course Title:

UW-Eau Claire: MBA 781 – Fundamentals of Health Information Technology Management

UW Oshkosh: MBA 769 – Hlth Info Technology Mangmnt

Credit Hours: 2.0

Course Term: Summer 2022

Delivery Mode: Online

Course Dates: May 23, 2022 - July 10, 2022

If you are considering dropping this course, having a conversation with your academic advisor is a good place to start. You should also let the instructor know what your plans are. Click the following links, based on your home campus, to learn more about dropping this course:

Consortium/UW-Eau Claire

<https://help.wisconsinonlinemba.org/article/60-adding-dropping-classes>) | [UW Oshkosh](#)

<https://uwosh.edu/registrar/students/add-drop-calendar/>) | [UW-Parkside](#)

<https://www.uwp.edu/live/offices/registrarsoffice/adddrop.cfm>)

Instructor Information

Name: Suresh Chalasani

Home Campus: UW-Parkside

Phone: (262) 595-2433

Email: chalsan@uwp.edu (<mailto:chalsan@uwp.edu>)

Course Description

This course provides an introduction to the dynamic world of management of information technology in health care. A description of information processing, the content and evolution of healthcare information systems and the current and future methodologies being employed to acquire and manage information are discussed.

The intent of this course is to discuss the usage of myriad information technologies in healthcare organizations. In recent years, healthcare spending accounted for about 18% of the Gross Domestic Product. To position yourself for the present and future in terms of your career, healthcare is a significant area where you can build upon your knowledge, skills, and abilities. The main purpose of this course is to look at some of the healthcare concepts through the technology lens. We will look at how technologies can help with healthcare delivery to achieve better patient care. We will study technologies that can help promote healthcare access and quality. We will work with technologies that are used for healthcare processes such as patient care, billing and reimbursement. We will also analyze healthcare data using technology tools.

Learning Outcomes

Upon completion of this course, students will be able to:

- CLO1: Describe and critique technologies used for healthcare delivery in different settings such as clinics, hospitals, homes.
- CLO2: Utilize healthcare information technology and systems for healthcare processes including patient care and revenue cycle.
- CLO3: Formulate technology solutions to promote healthcare quality.
- CLO4: Apply technology tools such as spreadsheets and databases to analyze healthcare data.

Required Course Materials

Textbook

Unless you are interested in getting additional experience with EHRs, you do not need to purchase a textbook.

If you are interested in getting additional experience with EHRs, please rent or purchase the following book and inform the instructor to be assigned alternate homework assignments based on this book. This book is needed for students who want to pursue the technical track (who want to gain more experience with EHRs). For those who want to stay on the managerial track, no books are needed.

- Hamilton, *Electronic Health Records*, (3rd Edition, 2013) McGraw-Hill. ISBN-13: 978-0-07-340214-7.

[Click here to learn more about ordering textbooks](#)

https://www.wisconsinonlinemba.org/order_textbooks.phtml). Contact mba@uwec.edu (<mailto:mba@uwec.edu>) with any textbook-related concerns.

Reference Books

Please see this [list of valuable reference books](#).

Technology requirements

Access to a computer and high-speed Internet connection that is capable of accessing Canvas is a requirement of this course.

Please review the minimum technology requirements and recommendations in the **Online Course Resources** link in the left-hand Course Navigation menu. To set yourself up for success, pay special attention to the sections on *Your Responsibilities*, *Strategies for Success*, *Tech Tips*, and *Tech Support*.

Course Topical Outline

- **Preamble:** Overview of Healthcare in the United States: Key players, Healthcare costs and finances, Flow of funds (*This unit is for students to get a broad overview of healthcare in the US. The students will not be tested on this material.*)
- **Unit 1:** Technologies for Diagnosis and Treatment, Big Data and Its Applications in Healthcare
- **Unit 2:** Electronic Health Records: Needs Assessment, Process Mapping, and Clinical Applications
- **Unit 3:** Electronic Health Records: Return on Investment, Technical Infrastructure, Meaningful Use Program and Incentives
- **Unit 4:** Mobile Healthcare: Mobile Solutions for Chronic Diseases, Mobile Monitoring, Medical Smart Homes, Telemedicine, and Analyzing Medicare Reimbursement Data
- **Unit 5:** Healthcare Coding, Billing, and Reimbursement: Case Mix Index, Processes for Reimbursement, Reimbursement Examples: Inpatient Prospective Payment System, Inpatient Psychiatric Facility Prospective Payment System
- **Unit 6:** Healthcare Revenue Cycle Management, Charge Description Master, Personal Health Records
- **Unit 7:** Health Information Exchanges, Accountable Care Organizations

Assignments and Activities

Students are assessed using discussions, discussion summaries, and homework assignments.

Unit coursework may include one or more of the following learning activities:

- Responses to specific discussion questions relevant to the weekly study topics
- Review and summarization of discussion messages.
- Homework assignments, some of which will involve hands-on experiments with SpringCharts EHR software. Some homework questions may involve applying concepts using quantitative methods.

All submitted written work is to be in Microsoft Word, Excel and other formats specified by the instructor.

Grade will be approximately distributed among different components as follows:

- Discussion Messages: 35.6%
- Discussion Summaries: 8.4%
- Assignments: 56%

Assignment Type	Max. Points
Personal Introduction (One time)	6
Discussion: Initial Posting (For each of the seven discussions)	20 (x7)
Discussion: Follow-up Postings (For each of the seven discussions) <i>(Post only after the deadline for the initial post has ended)</i>	20 (x7)
Discussion: Additional Criteria (e.g. Integration with Work/Life Experience, Integration with Unit Readings and Concepts, Integration with Group Members' Ideas, Additional References and Current Business Examples, Messages Above and Beyond the Minimum)	10 (x7)
Discussion: Completion of Summary and Submission of Summary to the Drop-box (For each of the seven discussions)	12 (x7)
Written Assignment: Completion of Assignment and Submission to the Drop-Box (For each of the seven assignments)	80 (x7)
Maximum Total Points	1,000

Rubrics

[Click here to learn how to view the rubrics for your discussions](#)

<https://community.canvaslms.com/docs/DOC-10577-4212540120> (to access discussions, click on **Assignments** in your menu, not Discussions).

[Click here to learn how to view the rubrics for your written assignments.](#)

<https://community.canvaslms.com/docs/DOC-10662-421254352>

Final Letter Grades Scale

Percentage	Consortium/UW-Parkside	UW-Oshkosh
93-100%	A	A
90-92.9%	A-	A-
87-89.9%	B+	B+

83-86.9%	B	B
80-82.9%	B-	B-
77-79.9%	C+	C+
73-76.9%	C	C
70-72.9%	C-	C
67-69.9%	D+	F
63-66.9%	D	F
60-62.9%	D-	F
0-59.9%	F	F

Consortium Excused Absence Policy

An absence will be considered excused or authorized according to the following institutional policies:

- The student's home campus policy on excused absences will apply.
 - [UW Oshkosh](https://www.uwosh.edu/registrar/policies/attendance-policy) [_\(https://www.uwosh.edu/registrar/policies/attendance-policy\)](https://www.uwosh.edu/registrar/policies/attendance-policy)
 - [UW-Parkside](https://www.uwp.edu/learn/academiccatalog/2019-2021/upload/201921-ACADEMIC-CATALOG-082619.pdf) [_\(https://www.uwp.edu/learn/academiccatalog/2019-2021/upload/201921-ACADEMIC-CATALOG-082619.pdf\)](https://www.uwp.edu/learn/academiccatalog/2019-2021/upload/201921-ACADEMIC-CATALOG-082619.pdf) (see page 31)
- UW MBA Consortium students will follow the [UW-Eau Claire Authorized Absence Policy](https://www.uwec.edu/kb/article/class-attendance-and-authorized-absence-policies/#authorized-absences). [_\(https://www.uwec.edu/kb/article/class-attendance-and-authorized-absence-policies/#authorized-absences\)](https://www.uwec.edu/kb/article/class-attendance-and-authorized-absence-policies/#authorized-absences)

If your absence falls into the excused absence category, please contact me as soon as possible. I may request that you provide documentation, and I may need time to make alternative assessments available to you.

Late Work Policy

Please note that discussion postings (including initial messages, follow-up messages and discussion summaries) need to be submitted by the deadline and credit may not be given for late work on discussions.

Similarly, discussion summaries need to be submitted by the deadline. Late discussion summaries will not receive any credit.

For homework assignments, late submissions are permitted. Assignments that are turned in late will have points deducted as follows:

- Deduct 10 percent of available points each day the homework assignment is late for up to five days. For example, if the homework is late by 3 days, it will be graded for 70% of the maximum points.
- If a homework assignment is more than 5 days late, it will not receive any points.

If you have a business problem, illness, business trip, or domestic situation, arrangements should be made and approvals granted before the due date if the late assignment is to receive full credit.

Netiquette

Postings to the discussion boards require a polite behavior or the learning process breaks down, people's feelings are hurt, and your grade may be impacted. Polite online behavior is called "netiquette". The following guidelines are basic to this class. Please follow the [netiquette guidelines](https://www.uwidocs.org/netiquette/) (<https://www.uwidocs.org/netiquette/>) for this course.

Academic Conduct

To foster a productive learning environment, all students are required to accept and adhere to the Student Code of Conduct agreement in order to participate in this course.

Academic Integrity Policy

All class materials are the intellectual property of the instructor and may not be shared outside of this course (e.g., to commercial "study sites") without my permission.

Unless I specify otherwise, all work that you turn in to me should be an individual effort. The sentence structure, wording, and content for your assignments and discussions must be your original work.

Academically dishonest behaviors include (but may not be limited to) the following:

- Intentionally or unintentionally presenting someone else's ideas or words as your own, either as a direct quote or paraphrased or summarized material, without the proper citation. All quotes and direct references must include citations. Remember to use APA format for citations. See the [OWL website from Purdue](http://owl.english.purdue.edu/owl/resource/560/01/) (<http://owl.english.purdue.edu/owl/resource/560/01/>) for APA citation guidelines.
- Submitting work that is identical to or so similar to that of another's in its wording, sentence structure, and content that it cannot be considered original.
- Plagiarizing yourself by submitting work for evaluation in this course that was previously graded or otherwise evaluated in another course. You can cite your previous work. If you want to use your previous work, contact me first.

- Making up data or citations.
- Navigating off an exam screen to research answers online during a timed exam (Note: The activity log that Canvas generates during each student's exam denotes when a student leaves his/her/their exam screen!)
- Helping someone else engage in academically dishonest behavior, including posting course materials online.
- Violating copyright laws. In some cases, citing a source is not sufficient; you also have to obtain permission from the original source for the materials you use. Likewise, if you use any materials from this course outside this course, you may need permission to use them (e.g., in your company's training manuals, publications, or style guides).

Any investigation into any form of academic misconduct will result in a report to the dean of students and in student academic disciplinary sanctions as established by the UW System Board of Regents ([UWS Chapter 14](https://docs.legis.wisconsin.gov/code/admin_code/uws/14.pdf) [_\(https://docs.legis.wisconsin.gov/code/admin_code/uws/14.pdf\)](https://docs.legis.wisconsin.gov/code/admin_code/uws/14.pdf)). Disciplinary procedures from the student's home campus dictate the disciplinary action against students who engage in academic misconduct.



Accommodation for Students with Disabilities















In order to ensure that all of our students have equitable access to our online course materials, we strive to meet the guidelines set by Section 508 of the Rehabilitation Act, which requires the public to provide reasonable accommodations to individuals with disabilities when posting web-based materials. Canvas is [compliant with W3C's Web Accessibility Initiative](https://community.canvaslms.com/docs/DOC-2061-accessibility-within-canvas) [_\(https://community.canvaslms.com/docs/DOC-2061-accessibility-within-canvas\)](https://community.canvaslms.com/docs/DOC-2061-accessibility-within-canvas) and with [Section 508](https://www.section508.gov/) [_\(https://www.section508.gov/\)](https://www.section508.gov/) guidelines.

Additionally, Canvas was certified as a [substantially conformant LMS](https://webaim.org/services/certification/canvas) [_\(https://webaim.org/services/certification/canvas\)](https://webaim.org/services/certification/canvas) by WebAIM, a third party authority in web accessibility.











If you find that course materials are not posted in a format that meets your needs, or you need testing accommodations, please contact Online Course Support at [BIZHelp@uwec.edu](mailto:bizhelp@uwec.edu) [_\(mailto:bizhelp@uwec.edu\)](mailto:bizhelp@uwec.edu) and we will work with you to find a reasonable accommodation.

Course Summary:

Date	Details	Due
Mon May 23, 2022	 Complete the Student Code of Conduct _(https://uws.instructure.com/calendar?event_id=1040196&include_contexts=course_487621)	1am
	 Introductions _(https://uws.instructure.com/courses/487621/assignments/4653339)	due by 11:59pm

Date	Details	Due
	 1.1 Learning Outcomes and Topics	to do: 11:59pm
Tue May 24, 2022	 1.10 Discussion https://uws.instructure.com/courses/487621/assignments/4653338	due by 11:59pm
Sat May 28, 2022	 1.10a Discussion replies due	to do: 11:59pm
Sun May 29, 2022	 1.11 Discussion Summary https://uws.instructure.com/courses/487621/assignments/4653340	due by 11:59pm
Mon May 30, 2022	 1.12 Written Assignment https://uws.instructure.com/courses/487621/assignments/4653341	due by 11:59pm
	 2.1 Learning Outcomes and Topics	to do: 11:59pm
Tue May 31, 2022	 2.7 Discussion https://uws.instructure.com/courses/487621/assignments/4653337	due by 11:59pm
Sat Jun 4, 2022	 2.7a Discussion replies due	to do: 11:59pm
Sun Jun 5, 2022	 2.8 Discussion Summary https://uws.instructure.com/courses/487621/assignments/4653342	due by 11:59pm
Mon Jun 6, 2022	 2.9 Written Assignment https://uws.instructure.com/courses/487621/assignments/4653343	due by 11:59pm
	 3.1 Learning Outcomes and Topics	to do: 11:59pm
Tue Jun 7, 2022	 3.7 Discussion https://uws.instructure.com/courses/487621/assignments/4653336	due by 11:59pm
Sat Jun 11, 2022	 3.7a Discussion replies due	to do: 11:59pm
Sun Jun 12, 2022	 3.8 Discussion Summary https://uws.instructure.com/courses/487621/assignments/4653344	due by 11:59pm

Date	Details	Due
Mon Jun 13, 2022	 3.9 Written Assignment https://uws.instructure.com/courses/487621/assignments/4653345	due by 11:59pm
	 4.1 Learning Outcomes and Topics	to do: 11:59pm
Tue Jun 14, 2022	 4.6 Discussion https://uws.instructure.com/courses/487621/assignments/4653335	due by 11:59pm
Fri Jun 17, 2022	 Midterm Course Evaluation	to do: 11:59pm
Sat Jun 18, 2022	 4.6a Discussion replies due	to do: 11:59pm
Sun Jun 19, 2022	 4.7 Discussion Summary https://uws.instructure.com/courses/487621/assignments/4653346	due by 11:59pm
Mon Jun 20, 2022	 4.8 Written Assignment https://uws.instructure.com/courses/487621/assignments/4653347	due by 11:59pm
	 5.1 Learning Outcomes and Topics	to do: 11:59pm
Tue Jun 21, 2022	 5.10 Discussion https://uws.instructure.com/courses/487621/assignments/4653334	due by 11:59pm
Sat Jun 25, 2022	 5.10a Discussion replies due	to do: 11:59pm
Sun Jun 26, 2022	 5.11 Discussion Summary https://uws.instructure.com/courses/487621/assignments/4653348	due by 11:59pm
Mon Jun 27, 2022	 5.12 Written Assignment https://uws.instructure.com/courses/487621/assignments/4653349	due by 11:59pm
	 6.1 Learning Outcomes and Topics	to do: 11:59pm
Tue Jun 28, 2022	 6.6 Discussion https://uws.instructure.com/courses/487621/assignments/4653333	due by 11:59pm
Sat Jul 2, 2022	 6.6a Discussion replies due	to do: 11:59pm

Date	Details	Due
Sun Jul 3, 2022	 6.7 Discussion Summary https://uws.instructure.com/courses/487621/assignments/4653350	due by 11:59pm
Mon Jul 4, 2022	 6.8 Written Assignment https://uws.instructure.com/courses/487621/assignments/4653351	due by 11:59pm
	 7.1 Learning Outcomes and Topics	to do: 11:59pm
Tue Jul 5, 2022	 7.8 Discussion https://uws.instructure.com/courses/487621/assignments/4653332	due by 11:59pm
Sat Jul 9, 2022	 7.8a Discussion replies due	to do: 11:59pm
	 7.10 Written Assignment https://uws.instructure.com/courses/487621/assignments/4653352	due by 11:59pm
Sun Jul 10, 2022	 7.9 Discussion Summary https://uws.instructure.com/courses/487621/assignments/4653353	due by 11:59pm
	 Final Course Evaluation	to do: 11:59pm
	 Academic Safe Space Quiz https://uws.instructure.com/courses/487621/assignments/4653331	
	 Final Grade https://uws.instructure.com/courses/487621/assignments/4653354	