

INFO 4637: Medical Informatics

Faculty Contact Information

Name: Bishnu Sarker, PhD

Office Hours: By appointment

Preferred: Canvas Inbox message

Email: bishnu.sarker@unt.edu

Name: Ana D. Cleveland, PhD, AHIP, FMLA

Office Location: Discovery Park, E297E

Phone Number: (940) 565-3559

Office Hours: By appointment

Email: ana.cleveland@unt.edu

Communication Expectations: If you have a personal concern or question, please contact the faculty using Canvas email. Be sure to include any Teaching Assistants (TAs) for the course in all Canvas messages. Students should expect a response to their Canvas message within two business days (but generally sooner).

Students are expected to log into Canvas on a daily basis and read messages in their inbox, discussions, and announcements. The **weekly Announcements** provide key information about the week's lectures, assignments, and other items. **It is the student's responsibility to monitor Canvas on a daily basis.**

The faculty will make every effort to have grading completed for each assignment within one week of submission. Any delays in grading will be shared in the "Announcements."

Welcome to UNT!

As members of the UNT community, we have all made a commitment to be part of an institution that respects and values the identities of the students and employees with whom we interact. UNT does not tolerate identity-based discrimination, harassment, and retaliation. UNT's full Non-Discrimination Policy can be found in the UNT Policies section of the syllabus.

Course Description

History of medical information and informatics. Health communication. Types of information tools and services related to the transfer of information in health care. Technology applications to health agencies. Analyses of current issues in the health care field and their relationship to health informatics, data science, health sciences libraries, healthcare organizations, ethics, confidentiality, and security.

Course Structure

This course is organized into 7 modules, including:

- Module 1: Understanding health informatics (LO: 1)
- Module 2: The environment of healthcare and impact of informatics (LO: 1, LO: 2)
- Module 3: Organization of health knowledge and health information technology (LO: 2, LO: 3, LO: 4, LO: 6)
- Module 4: Health information management systems including EHRs (LO: 4, LO: 5, LO: 6)
- Module 5: Medical imaging and ethical/legal issues of health informatics (LO: 4, LO: 5, LO: 8)
- Module 6: Biomedical informatics and genomic/precision medicine (LO: 7)
- Module 7: A futuristic perspective of technology applications in healthcare such as AI (LO: 5, LO: 6, LO: 7)

We will have scheduled synchronous sessions with the professor using Zoom throughout the semester. Your interaction with the teaching team and your fellow students will take place in Canvas.

Course Prerequisites or Other Restrictions

There are no prerequisites for the course.

Course Objectives

By the end of this course, students will be able to:

1. Describe health informatics and the environment of healthcare
2. Identify information management principles used in healthcare
3. Explain various organizational structures of medical knowledge
4. Describe concepts of clinical information for the purpose of decision-making as a foundation for medical informatics and healthcare in general
5. Describe applications of information technology in healthcare to facilitate decision-making, diagnosis, and treatment including technologies, use of AI, and others.
6. Identify sources of data and applications in healthcare
7. Describe the applications of health informatics and genomic/precision medicine to patient care
8. Identify legal and ethical issues in health informatics

Materials

There is no required textbook for this course.

In each module, there are resources, such as PowerPoint lectures and journal articles available through the UNT Libraries' electronic resources for you to read and review. Please note that reviewing the course lectures is not enough for learning key concepts in this course. Careful reading of the assigned reading set articles and completing the skills worksheets is necessary for gaining needed knowledge to successfully complete the course assignments.

This course has digital components. To fully participate in this class, students will need internet access to reference content on the Canvas Learning Management System and a webcam and microphone to participate in live Zoom sessions. If circumstances change, you will be informed of other technical needs to access course content. Information on how to be successful in a digital learning environment can be found at [Learn Anywhere](https://online.unt.edu/learn) (<https://online.unt.edu/learn>).

Teaching Philosophy

In this course, you will be learning through reading, so it will require dedication, time management, and critical thinking. As your faculty, we encourage you to actively communicate with us, as we cannot support you if we do not hear from you. We have an open-door policy, and we want you to succeed as students in the course.

Course Technology & Skills

Minimum Technology Requirements

- Computer
- Reliable internet access
- Speakers
- Microphone
- Plug-ins
- Microsoft Office Suite
- [Canvas Technical Requirements](https://clear.unt.edu/supported-technologies/canvas/requirements) (<https://clear.unt.edu/supported-technologies/canvas/requirements>)

Computer Skills & Digital Literacy

The technical skills students must have to succeed in the course are being able to use the following:

- Canvas
- Email with attachments
- Presentation programs
- Zoom

Technical Assistance

Part of working in the online environment involves dealing with the inconveniences and frustration that can arise when technology breaks down or does not perform as expected. Here at UNT we have a Student Help Desk that you can contact for help with Canvas or other technology issues.

UIT Help Desk: [UIT Student Help Desk site](http://www.unt.edu/helpdesk/index.htm) (<http://www.unt.edu/helpdesk/index.htm>) _

Email: helpdesk@unt.edu

Phone: 940-565-2324

In Person: Sage Hall, Room 130

Walk-In Availability: 8am-9pm

Telephone Availability:

- Sunday: noon-midnight
- Monday-Thursday: 8am-midnight
- Friday: 8am-8pm
- Saturday: 9am-5pm

Laptop Checkout: 8am-7pm

For additional support, visit [Canvas Technical Help](https://community.canvaslms.com/docs/DOC-10554-4212710328) (<https://community.canvaslms.com/docs/DOC-10554-4212710328>)

Rules of Engagement

Rules of engagement refer to the way students are expected to interact with each other and with their instructors. Here are some general guidelines:

- While the freedom to express yourself is a fundamental human right, any communication that utilizes cruel and derogatory language on the basis of race, color, national origin, religion, sex, sexual orientation, gender identity, gender expression, age, disability, genetic information, veteran status, or any other characteristic protected under applicable federal or state law will not be tolerated.
- Treat your instructors and classmates with respect in any communication online or face-to-face, even when their opinion differs from your own.
- Ask for and use the correct name for your instructor and classmates.
- Speak from personal experiences. Use “I” statements to share thoughts and feelings. Try not to speak on behalf of groups or other individual’s experiences.
- Use your critical thinking skills to challenge other people’s ideas, instead of attacking individuals.
- Avoid using all caps while communicating digitally. This may be interpreted as “YELLING!”
- Be cautious when using humor or sarcasm in emails or discussion posts as tone can be difficult to interpret digitally.
- Avoid using “text-talk” unless explicitly permitted by your instructor.
- Proofread and fact-check your sources.
- Keep in mind that online posts can be permanent, so think first before you type.

See these [Engagement Guidelines](https://clear.unt.edu/online-communication-tips) (https://clear.unt.edu/online-communication-tips) for more information.

Supporting Your Success in this Course

Connect with the faculty through email. We can schedule a time to meet via Zoom if needed. We are here to support your learning throughout the course.

We value the many perspectives students bring to our campus. Please work with us to create a classroom culture of open communication, mutual respect, and inclusion. All discussions should be respectful and civil. If you ever feel like this is not the case, let us know.

Course Requirements

Assignment	Percentage of Final Grade
Knowledge Assessments (7 total at 4 points each) <i>Students are expected to watch the recorded lecture and review the associated slides for the course module. Once sufficient review and study of the lecture has been completed, students must complete the knowledge assessments. Knowledge assessments are in the form of short Canvas quizzes also located within the various course modules.</i>	28%
Reading Set Responses (7 total at 4 points each) <i>After students have completed the assigned reading or viewed multimedia content in each course module, students will answer a list of questions. The students will post their original response to the questions posed and participate in online discussion with classmates. The reading set responses serve to expose students to various points-of-view and gain knowledge from medical, medical informatics, and information science literature.</i>	28%
Skills Worksheets and Assessments (5 total at 4 points each) <i>Skills exercises help students gain skills in the use of various health information resources and tools. The skills are gained by first completing the skills worksheet located in the course modules. Upon completion of the skills worksheet students will then complete the associated skills assessment. Skills worksheets and assessments exist in all course modules except modules one (1) and seven (7) the first and last modules of the course.</i>	20%

Health Informatics Lecture Write-Up (4 points) <i>The Health Informatics lecture is an opportunity to gain insight from a professional currently working in health informatics and the health sciences. The lecture will illustrate how healthcare professionals currently working in varied roles apply concepts and skills covered in the course.</i>	4%
Technology Solution Final Project (3 total steps comprising 20 points) <i>The final project is comprised of three parts. Part 1 consists of deciding upon a community/population and health problem. Part 2 is to submit a progress report which serves to “flesh out” how the Technology Solution Final Project is progressing. In Part 3, the groups will draft the final project “write up” and submit the Technology Solution Final Project.</i>	20%
Total Points Possible	100%

Grading

The grading scale (A-F) for the course is as follows:

A = 90-100

B = 80-89

C = 70-79

D = 60-69

F = 0-59

If a student receives an assignment grade that the student disagrees with, the student must send a Canvas Inbox message to the teaching team within 48 hours of the grade posting. The subject line MUST include "Assignment Grade Appeal." Assignment grade appeals will not be accepted if received after 48 hours of the grade posting.

Final course grades will be rounded to the nearest whole integer. Standard rounding rules apply. Letter grades will be assigned based on the ranges above.

Course Evaluation

Student Perceptions of Teaching (SPOT) is the student evaluation system for UNT and allows students the ability to confidentially provide constructive feedback to their instructor and department to improve the quality of student experiences in the course. Information about the SPOT evaluations will be shared in the “Announcements.”

Course Policies

Assignment Policy

The official due dates, instructions, and submission information for each assignment are included in the “Modules” section of Canvas. Please note that Turnitin will be used for assignment submissions.

Resubmission of assignments will not be accepted. If there is an opportunity for extra credit, it will be posted in the “Announcements” section of Canvas.

The University is committed to providing a reliable online course system to all users. However, in the event of any unexpected server outage or any unusual technical difficulty which prevents students from completing a time sensitive assessment activity, the instructor will extend the time windows and provide an appropriate accommodation based on the situation. Students should immediately report any problems to the instructor and contact the UNT Student Help Desk: helpdesk@unt.edu or 940.565.2324 and obtain a ticket number. The instructor and the UNT Student Help Desk will work with the student to resolve any issues at the earliest possible time.

Faculty Responsibilities

Throughout the semester, the faculty will:

- Provide a stimulating learning environment
- Present a current perspective on the topic
- Provide clear instructions for assignments and constructive feedback on student submissions
- Answer students’ questions in a timely manner

Late Work

Students are expected to submit all of their course assignments on time. Late submissions will **only** be accepted due to extenuating circumstances. If an extenuating circumstance occurs (such as an illness, family emergency, or other issues), contact the faculty via Canvas email for an extension immediately preferably before an assignment is due. Documentation supplied by the student providing proof of the extenuating circumstance may be requested at the teaching team’s request.

Attendance Policy

Students are not required to participate in the synchronous online activities. However, attendance for synchronous online activities is highly encouraged. Synchronous online events during the semester may include but are not limited to “Dialogs With The Professor” which provide students with important information about the course, the UNT College of Information “Health Informatics Lecture” which occurs every semester, or other UNT College of Information events. Online events throughout the semester will be announced in Canvas course announcements and recorded (in most instances). It is the student’s responsibility to watch or review recorded content if the student is unable to attend synchronous online events.

Syllabus Change Policy

Any changes to the syllabus, course information, or due dates will be communicated through the “Announcements.”

UNT Policies

Academic Integrity Policy

According to UNT Policy 06.003, [Student Academic Integrity \(https://policy.unt.edu/policy/06-003\)](https://policy.unt.edu/policy/06-003), academic dishonesty occurs when students engage in behaviors including, but not limited to cheating, fabrication, facilitating academic dishonesty, forgery, plagiarism, and sabotage. A finding of academic dishonesty may result in a range of academic penalties or sanctions ranging from admonition to expulsion from the University.

It is the responsibility of the student to understand academic dishonesty and its implications on your academic standing at the University of North Texas. **There is zero tolerance for academic dishonesty in this course.**

Understanding how and when to use generative AI tools (such as ChatGPT) is an important skill for future professions. **You may use generative AI tools in this class; however, your use of generative AI tools must be properly documented and cited for any work submitted in this course.** Students must properly use attributions, including in-text citations and references using guidelines from the *Publication Manual of the American Psychological Association* (7th edition). Anytime they use AI, students must also include the following acknowledgement statement at the end of an assignment:

“I acknowledge my use of Generative AI in the preparation of this assignment in the form of [insert Generative AI tool name]. The [Generative AI tool name] was used in the following ways: [List and explain all uses including steps to clarify, fact-check, and cite]. I have taken all necessary steps to ensure the accuracy of the material and data I used.”

In this course, misuse of AI consists of failing to cite information provided by Generative AI tools, failing to include the acknowledgement statement mentioned above, failing to check for accuracy, or falsely presenting ideas or products as their own.

If students are found to have engaged in academic dishonesty, appropriate incident reports will be filed with the Office of Academic Integrity and the following penalties will occur:

- **First offense: Students will receive no credit for the assignment in which academic dishonesty occurred.**
- **Second offense: Students will receive a final course grade of F (Fail).**

ADA Policy

UNT makes reasonable academic accommodation for students with disabilities. Students seeking accommodation must first register with the Office of Disability Accommodation (ODA) to verify their eligibility. If a disability is verified, the ODA will provide a student with an accommodation letter to be

delivered to faculty to begin a private discussion regarding one's specific course needs. Students may request accommodations at any time, however, ODA notices of accommodation should be provided as early as possible in the semester to avoid any delay in implementation. Note that students must obtain a new letter of accommodation for every semester and must meet with each faculty member prior to implementation in each class. For additional information see the [ODA website \(https://disability.unt.edu/\)](https://disability.unt.edu/).

Prohibition of Discrimination, Harassment, and Retaliation (Policy 16.004)

The University of North Texas (UNT) prohibits discrimination and harassment because of race, color, national origin, religion, sex, sexual orientation, gender identity, gender expression, age, disability, genetic information, veteran status, or any other characteristic protected under applicable federal or state law in its application and admission processes; educational programs and activities; employment policies, procedures, and processes; and university facilities. The University takes active measures to prevent such conduct and investigates and takes remedial action when appropriate.

Emergency Notification & Procedures

UNT uses a system called Eagle Alert to quickly notify students with critical information in the event of an emergency (i.e., severe weather, campus closing, and health and public safety emergencies like chemical spills, fires, or violence). In the event of a university closure, please refer to Canvas for contingency plans for covering course materials.

Retention of Student Records

Student records pertaining to this course are maintained in a secure location by the instructor of record. All records such as exams, answer sheets (with keys), and written papers submitted during the duration of the course are kept for at least one calendar year after course completion. Course work completed via the Canvas online system, including grading information and comments, is also stored in a safe electronic environment for one year. Students have the right to view their individual record; however, information about student's records will not be divulged to other individuals without proper written consent. Students are encouraged to review the Public Information Policy and the Family Educational Rights and Privacy Act (FERPA) laws and the University's policy. See UNT Policy 10.10, Records Management and Retention for additional information.

Acceptable Student Behavior

Student behavior that interferes with an instructor's ability to conduct a class or other students' opportunity to learn is unacceptable and disruptive and will not be tolerated in any instructional forum at UNT. Students engaging in unacceptable behavior will be directed to leave the classroom and the instructor may refer the student to the Dean of Students to consider whether the student's conduct violated the Code of Student Conduct. The University's expectations for student conduct apply to all instructional forums, including University and electronic classroom, labs, discussion groups, field trips, etc. Visit UNT's [Code of Student Conduct \(https://deanofstudents.unt.edu/conduct\)](https://deanofstudents.unt.edu/conduct) to learn more.

Access to Information - Eagle Connect

Students' access point for business and academic services at UNT is located at: my.unt.edu. All official communication from the University will be delivered to a student's Eagle Connect account. For more information, please visit the website that explains Eagle Connect and how to forward e-mail [Eagle Connect](https://it.unt.edu/eagleconnect) (<https://it.unt.edu/eagleconnect>).

Student Evaluation Administration Dates

Student feedback is important and an essential part of participation in this course. The student evaluation of instruction is a requirement for all organized classes at UNT. The survey will be made available during weeks 13, 14 and 15 of the long semesters to provide students with an opportunity to evaluate how this course is taught. Students will receive an email from "UNT SPOT Course Evaluations via IASystem Notification" (no-reply@iasystem.org) with the survey link. Students should look for the email in their UNT email inbox. Simply click on the link and complete the survey. Once students complete the survey they will receive a confirmation email that the survey has been submitted. For additional information, please visit the [SPOT website](http://spot.unt.edu/) (<http://spot.unt.edu/>) or email spot@unt.edu.

Sexual Assault Prevention

UNT is committed to providing a safe learning environment free of all forms of sexual misconduct, including sexual harassment sexual assault, domestic violence, dating violence, and stalking. Federal laws (Title IX and the Violence Against Women Act) and UNT policies prohibit discrimination on the basis of sex, and therefore prohibit sexual misconduct. If you or someone you know is experiencing sexual harassment, relationship violence, stalking, and/or sexual assault, there are campus resources available to provide support and assistance. UNT's Survivor Advocates can assist a student who has been impacted by violence by filing protective orders, completing crime victim's compensation applications, contacting professors for absences related to an assault, working with housing to facilitate a room change where appropriate, and connecting students to other resources available both on and off campus. The Survivor Advocates can be reached at SurvivorAdvocate@unt.edu or by calling the Dean of Students Office at 940-565- 2648. Additionally, alleged sexual misconduct can be non-confidentially reported to the Title IX Coordinator at oeo@unt.edu or at (940) 565 2759.

Important Notice for F-1 Students taking Distance Education Courses

Federal Regulation

To read detailed Immigration and Customs Enforcement regulations for F-1 students taking online courses, please go to the [Electronic Code of Federal Regulations website](http://www.ecfr.gov/) (<http://www.ecfr.gov/>). The specific portion concerning distance education courses is located at Title 8 CFR 214.2 Paragraph (f)(6)(i)(G).

The paragraph reads:

(G) For F-1 students enrolled in classes for credit or classroom hours, no more than the equivalent of one class or three credits per session, term, semester, trimester, or quarter may be counted toward the full course of study requirement if the class is taken on-line or through distance education and does not

require the student's physical attendance for classes, examination or other purposes integral to completion of the class. An on-line or distance education course is a course that is offered principally through the use of television, audio, or computer transmission including open broadcast, closed circuit, cable, microwave, or satellite, audio conferencing, or computer conferencing. If the F-1 student's course of study is in a language study program, no on-line or distance education classes may be considered to count toward a student's full course of study requirement.

University of North Texas Compliance

To comply with immigration regulations, an F-1 visa holder within the United States may need to engage in an on-campus experiential component for this course. This component (which must be approved in advance by the instructor) can include activities such as taking an on-campus exam, participating in an on-campus lecture or lab activity, or other on-campus experience integral to the completion of this course.

If such an on-campus activity is required, it is the student's responsibility to do the following:

- (1) Submit a written request to the instructor for an on-campus experiential component within one week of the start of the course.
- (2) Ensure that the activity on campus takes place and the instructor documents it in writing with a notice sent to the International Student and Scholar Services Office. ISSS has a form available that you may use for this purpose.

Because the decision may have serious immigration consequences, if an F-1 student is unsure about his or her need to participate in an on-campus experiential component for this course, s/he should contact the UNT International Student and Scholar Services Office (telephone 940-565-2195 or email internationaladvising@unt.edu) to get clarification before the one-week deadline.

Student Verification

UNT takes measures to protect the integrity of educational credentials awarded to students enrolled in distance education courses by verifying student identity, protecting student privacy, and notifying students of any special meeting times/locations or additional charges associated with student identity verification in distance education courses.

See [UNT Policy 07-002 Student Identity Verification, Privacy, and Notification and Distance Education Courses](https://policy.unt.edu/policy/07-002) (<https://policy.unt.edu/policy/07-002>).

Use of Student Work

A student owns the copyright for all work (e.g. software, photographs, reports, presentations, and email postings) he or she creates within a class and the University is not entitled to use any student work without the student's permission unless all of the following criteria are met:

- The work is used only once.

- The work is not used in its entirety.
- Use of the work does not affect any potential profits from the work.
- The student is not identified.
- The work is identified as student work.

If the use of the work does not meet all of the above criteria, then the University office or department using the work must obtain the student's written permission.

Download the UNT System Permission, Waiver and Release Form

Transmission and Recording of Student Images in Electronically-Delivered Courses

1. No permission is needed from a student for his or her image or voice to be transmitted live via videoconference or streaming media, but all students should be informed when courses are to be conducted using either method of delivery.
2. In the event an instructor records student presentations, he or she must obtain permission from the student using a signed release in order to use the recording for future classes in accordance with the Use of Student-Created Work guidelines above.
3. Instructors who video-record their class lectures with the intention of re-using some or all of recordings for future class offerings must notify students on the course syllabus if students' images may appear on video. Instructors are also advised to provide accommodation for students who do not wish to appear in class recordings.

Example: This course employs lecture capture technology to record class sessions. Students may occasionally appear on video. The lecture recordings will be available to you for study purposes and may also be reused in future course offerings.

No notification is needed if only audio and slide capture is used or if the video only records the instructor's image. However, the instructor is encouraged to let students know the recordings will be available to them for study purposes.

Academic Support & Student Services

Student Support Services

Mental Health

UNT provides mental health resources to students to help ensure there are numerous outlets to turn to that wholeheartedly care for and are there for students in need, regardless of the nature of an issue or its severity. Listed below are several resources on campus that can support your academic success and mental well-being:

- [Student Health and Wellness Center](https://studentaffairs.unt.edu/student-health-and-wellness-center) (https://studentaffairs.unt.edu/student-health-and-wellness-center)
- [Counseling and Testing Services](https://studentaffairs.unt.edu/counseling-and-testing-services) (https://studentaffairs.unt.edu/counseling-and-testing-services)
- [UNT Care Team](https://studentaffairs.unt.edu/care) (https://studentaffairs.unt.edu/care)
- [UNT Psychiatric Services](https://studentaffairs.unt.edu/student-health-and-wellness-center/services/psychiatry) (https://studentaffairs.unt.edu/student-health-and-wellness-center/services/psychiatry)
- [Individual Counseling](https://studentaffairs.unt.edu/counseling-and-testing-services/services/individual-counseling) (https://studentaffairs.unt.edu/counseling-and-testing-services/services/individual-counseling)

Chosen Names

A chosen name is a name that a person goes by that may or may not match their legal name. If you have a chosen name that is different from your legal name and would like that to be used in class, please let the instructor know. Below is a list of resources for updating your chosen name at UNT.

- [UNT Records](#)
- [UNT ID Card](#)
- [UNT Email Address](#)
- [Legal Name](#)

Additional Student Support Services

- [Registrar](https://registrar.unt.edu/registration) (https://registrar.unt.edu/registration)
- [Financial Aid](https://financialaid.unt.edu/) (https://financialaid.unt.edu/)
- [Student Legal Services](https://studentaffairs.unt.edu/student-legal-services) (https://studentaffairs.unt.edu/student-legal-services)
- [Career Center](https://studentaffairs.unt.edu/career-center) (https://studentaffairs.unt.edu/career-center)
- [Multicultural Center](https://edo.unt.edu/multicultural-center) (https://edo.unt.edu/multicultural-center)
- [Counseling and Testing Services](https://studentaffairs.unt.edu/counseling-and-testing-services) (https://studentaffairs.unt.edu/counseling-and-testing-services)
- [Pride Alliance](https://edo.unt.edu/pridealliance) (https://edo.unt.edu/pridealliance)
- [UNT Food Pantry](https://deanofstudents.unt.edu/resources/food-pantry) (https://deanofstudents.unt.edu/resources/food-pantry)

Academic Support Services

- [Academic Resource Center](https://clear.unt.edu/canvas/student-resources) (https://clear.unt.edu/canvas/student-resources)
- [Academic Success Center](https://success.unt.edu/asc) (https://success.unt.edu/asc)
- [UNT Libraries](https://library.unt.edu/) (https://library.unt.edu/)
- [Writing Lab](http://writingcenter.unt.edu/) (http://writingcenter.unt.edu/)

Course Calendar – Fall 2026

Date	Content	Assignments Due (Deadline @ 11:59 pm CDT unless otherwise noted)
August 17 Monday	Begin Module 1: Understanding health informatics	None
August 24 Monday	Module 1 continues	Post: Student Introductions to the appropriate discussion board
August 31 Monday	Module 1 concludes	None
September 1 Tuesday	Begin Module 2: The environment of healthcare and impact of informatics	Complete: Module 1 knowledge assessment and reading set response
September 7 Monday	Labor Day: No Class	None
September 14 Monday	Module 2 continues	None
September 15 Tuesday	Technology Solution Final Project Topic	Complete: Submission of Technology Solution Final Project Topic and community/population: Part 1
September 21 Monday	Module 2 concludes	None
September 22 Tuesday	Begin Module 3: Organization of health knowledge and health information technology	Complete: Module 2 knowledge assessment, skills assessment, and reading set response
September 28 Monday	Module 3 continues	None
October 5 Monday	Module 3 concludes	None
October 6 Tuesday	Begin Module 4: Health information management systems including EHRs	Complete: Module 3 knowledge assessment, skills assessment, and reading set response
October 12 Monday	Module 4 continues	None
October 19 Monday	Module 4 concludes	None
October 20 Tuesday	Begin Module 5: Medical imaging and ethical legal/issues of health informatics	Complete: Module 4 knowledge assessment, skills assessment, and reading set response
October 26 Monday	Module 5 continues	None

October 27 Tuesday	Technology Solution Final Project Step 2: Progress Report	Complete: Submission of Technology Solution Final Project Progress Report: Part 2
November 2 Monday	Module 5 concludes	None
November 3 Tuesday	Begin Module 6: Biomedical informatics and genomic/precision medicine	Complete: Module 5 knowledge assessment, skills assessment, and reading set response
November 9 Monday	Module 6 continues	None
November 16 Monday	Module 6 concludes	None
November 17 Tuesday	Begin Module 7: A futuristic perspective of technology applications in healthcare	Complete: Module 6 knowledge assessment, skills assessment, and reading set response
November 23 Monday	Thanksgiving Break: No Classes	None
November 30 Monday	Module 7 continues	None
December 7 Monday	Module 7 concludes	None
December 8 Tuesday	Module 7 submissions	Complete: Module 7 knowledge assessment and reading set response
December 11 Friday	Course Concludes with Technology Solution Final Project Submissions	Complete: Submission of Technology Solution Final Project: Part 3