



HCI 311 Course Syllabus

Summer 2020, Session B, 7/1/20 – 8/11/20
Section #43931- 43934

Faculty Information

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Course Information

HCI 311: Health Innovation: Foundational Concepts

3 Credit Hours

Length: 6 Weeks

Course Modality: Fully online, Canvas

Prerequisites: Completion of ENG 102 or 105 or 108 with 'C' or better, minimum 45 hours

Catalog Description

Organized around the Seven Pillars of Innovation: innovation process, leadership structure, outcomes, evidence-based practice, finance, policy, and technology and communication. Provides basic definitions and principles of innovation in addition to characteristics, skills, and knowledge required for the innovator.

Course Overview

This course is an introduction to foundational knowledge for leading health innovation. The learner is introduced to concepts, such as the seven pillars of innovation, used to facilitate health outcomes. The innovation process is explored. Models of leadership and teamwork are applied and methods of examining evidence-based practices while developing sound financial plans, effective health policies, and technological innovations are examined.

Learning Outcomes

At the completion of this course, students will be able to:

1. Describe the seven pillars of innovation.
2. Explain the basic definition and principles of innovation.
3. Identify behaviors, characteristics, skills, and knowledge required for the role of an innovator.
4. Recognize the characteristics of innovative environments such as self-organization, non-linear interactions, and emergent outcomes.
5. Articulate the need for innovation in healthcare.

Required Course Materials

- Kindle Editions are available for both of the books below.
- Rath, T. (2007). *Strengths Finder 2.0*. New York, NY: Gallup Press. ISBN: 978-1-59562-015-6
 - **Make sure you have an unused key in the back of the book; if a Kindle book is purchased, ensure a key is included to access the survey.**
- Lencioni, P. (2002) *The five dysfunctions of a team: A leadership fable*. San Francisco, CA: Josey-Bass. ISBN: 0-7879-6075-6

Highly Recommended for This and Future Courses:

- American Psychological Association. (2010). *Publication manual of the American Psychological Association* (6th ed.). Washington, D.C.: Author. ISBN: 9781433805615
 - If you use online resources instead of the official APA book, you are still responsible for ensuring accuracy of your citations.
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Course Schedule (See Canvas for Possible Updates)

Week	Topic	Weekly Objectives	Activities	Assessments	Due (AZ Time/ MST)
0 – 1 July 1 - 3	Module 1 Pillars of Health Innovation Innovation Process	-Describe the Seven Pillars of Innovation. -Distinguish between creativity and innovation. -Identify components of the innovation process, and logic models. -Differentiate outcomes, goals, and objectives.	Engage in discussion Read syllabus Complete TRAIN (Logic Models & Outcome Measures) Review readings & videos	Yellowdig Getting to Know You Quiz TRAIN Mini-paper Test #1 (Modules 1 – 3)	2 points Post Wednesday 11:59 PM 1 point Reply Friday 11:59 PM 2 points Friday 11:59 PM 5 points Friday 11:59 PM See Module 3
2 July 6 – 10	Module 2 Leadership	-Apply concepts of the innovation process and leadership. -Distinguish between how leaders and managers think.	Engage in discussion Complete TRAIN (Transition Management to Leadership) Complete Strength finders Inventory Review readings & videos	Yellowdig TRAIN Mini-paper Submit Strength Finder Essay Test #1 (Modules 1 – 3)	2 points Post Wednesday 11:59 PM 1 point Reply Friday 11:59 PM 5 points Friday 11:59 PM 15 points Friday 11:59 PM See Module 3
3 July 13 – 17	Module 3 Evidence-Based Practice	-Explain evidence-based practice and its role in health innovation. -Define levels of evidence. -Differentiate the research methods used in the Pyramid of Evidence.	Complete TRAIN (Developing Evidence-Based Programs) Review readings & videos	TRAIN Mini-paper Test #1 (Modules 1 – 3)	5 points Friday 11:59 PM 15 points Access from Thursday, July 16 at 6:00 AM to Sunday, July 19 at 11:59 PM.

4 July 20 – 24	Module 4 Health Policy	-Describe the role of health care policy. -Identify levels of policy (global, regional, national, state, local, organizational). -Apply evidence-based practice methods in developing health policies.	Engage in discussion Complete TRAIN (Health Policy & Advocacy) Review readings & videos	Yellowdig TRAIN Mini-paper Test #2 (Modules 4 - 6)	2 points Post Wednesday 11:59 PM 1 point Reply Friday 11:59 PM 5 points Friday 11:59 PM See Module 6
5 July 27 - 31	Module 5 Finance	-Describe the reasons that American health costs are so high. -Recognize the advantages and disadvantages of single-payer and multi-payer systems. -Compare and contrast models of health care systems found in various countries. -Calculate a return of investment based on cost effectiveness.	Engage in discussion Complete TRAIN (Cost Effectiveness) Review readings & videos	Yellowdig TRAIN Mini-paper Test #2 (Modules 4 - 6)	2 points Post Wednesday 11:59 PM 1 point Reply Friday 11:59 PM 5 points Friday 11:59 PM See Module 6
6 Aug 3 - 7	Module 6 Technology & Comm.	-Evaluate how technology can facilitate improved health. -Identify future opportunities where technology can reduce the cost of healthcare and aid in the redesign of systems and procedures.	Engage in discussion Complete TRAIN (Science & Health Communication)	Yellowdig TRAIN Mini-paper	2 points Post Wednesday 11:59 PM 1 point Reply Friday 11:59 PM 5 points Friday 11:59 PM

7 Aug 9 - 11	Teamwork	-Explain the impacts of team dysfunction. -Develop strategies for leading an effective team	Self-Reflect on Dysfunctions of a Team	Submit “Dysfunctions of a Team” essay	15 points Submit by Tuesday 11:59 PM
			Complete TRAIN (Successful HealthCare Team Relationships)	TRAIN Mini-paper	5 points Due Tuesday 11:59 PM.
			Review readings & videos	Test #2 (Modules 4 - 6)	15 points Access from Saturday, August 8 at 6:00 AM to Tuesday August 11 at 11:59 PM.

Course Grading

Methods of Instruction

This course uses Canvas™ for the facilitation of communications between faculty and students, submission of assignments, and posting of grades. The course site can be accessed at <http://my.asu.edu> or <http://myasucourses.asu.edu>.

Activities in this course include classroom discussion, reading quizzes, essays, videos, web-based tutorials.

Methods of Evaluation (Tentative and Subject to Change)

Assessment Type	Number in Course	Points per Assessment	Total Point Value
“Getting to Know You” Quiz	1	2 pts	2
Tests	2	#1: 15 pts #2: 15 pts	30
Essays	2	#1: 15 pts #2: 15 pts	30
TRAIN.org Modules <i>Lowest grade dropped</i>	7	5 pts each	30
Yellowdig Discussion	6	3 pts each	18
Total Points			110

See Canvas for detailed information on activities and assessments.

- **Tests:** Multiple-choice questions based on assigned articles and videos.
- **Essays:** Written assessments based on required course materials.

- **TRAIN.org:** Web-based training modules from Center for Disease Control and Public Health Learning Institutes (access is free, instructions will be provided to create an account).
- **Yellowdig Discussion:** Interactive discussion forum.

Grading Procedure

Grades reflect your performance on assignments and adherence to deadlines and rubric guidelines. Feedback will be available via the Grades tab in Canvas. Faculty reserves the right to drop invalid questions, resulting in lower total possible points for quizzes or exams.

Grading

Grade	Points
A	99 - 110
B	88 - 98.9
C	77 - 87.9
D	66 - 76.9
E	65.9 and lower

Course Policies & Procedures

Course Requirements:

- Meet learning objectives
- Participate regularly online
- Complete required readings and watch videos each week
- Complete all assignments and quizzes

Technology Enhanced Course

Canvas and other software as described will be used for this course.

Communicating With the Instructor

This course uses a Canvas™ discussion board called "Hallway Conversations" for general questions about the course. Prior to posting a question, please check the syllabus, announcements, and existing posts. If you do not find an answer, post your question. You are encouraged to respond to the questions of your classmates.

Email questions of a personal nature to your instructor. You can expect a response within 48 hours on weekdays, possibly longer on weekends.

Email and Internet

ASU email is an official means of communication among students, faculty, and staff (<http://www.asu.edu/aad/manuals/ssm/ssm107-03.html>). Students are expected to read and act upon all email in a timely fashion. Students bear the responsibility of missed messages and should check their ASU-assigned email regularly (at least every two days).

All instructor correspondence will generally be sent to your ASU email account. Instructor may respond to email account used by student.

Campus Network or Canvas™ Outage

When access to Canvas™ is not available for an extended period of time (greater than one entire evening), you can reasonably expect that the due date for assignments will be changed to the next day (assignment still due by 11:59pm).

If an outage occurs, it is expected that you will confirm that the outage is with the University and not your local internet service provider. To monitor the status of campus networks and services, please visit the System Health Portal (<https://uto.asu.edu/system-health>). If a system-wide ASU outage is NOT listed, you are responsible for contacting the ASU Help Desk to report and troubleshoot the issue. By contacting the help desk, a request case number will be created for you, which serves as an important documentation of your attempt to resolve any technical problems in a timely fashion. You may be required to forward this documentation to your instructor.

The instructor has the ability to match the outage times with your time interfacing in Canvas. If the times do not match the instructor will not accept your work. Attempts to fabricate unsubstantiated computer/Canvas problems or provide false documentation are a violation of academic integrity. Sanctions may consist of a grade of zero on the work, a zero grade in the course, and administrative removal from the course.

Attendance/Participation

Preparation for class means reading the assigned content and reviewing all information required for that week. Students hold the responsibility for completing all class content. *Class participation* means knowledge of assignments and pertinent class contributions through course assignments and providing substantive postings on the discussion forums. If students do not participate in online class activities, they will not earn the full amount of points.

If applicable, university policies will be followed for absences due to religious practices ([ACD 304-04](#)) or university sanctioned events/activities ([ACD 304-02](#)).

Course Time Commitment

This three-credit course requires approximately 135 hours of work. Please expect to spend around 18 hours each week preparing for and actively participating in this course during Session A or B in Fall or Spring, and slightly more during a Summer session that is less than 7.5 weeks.

Late or Missed Assignments

Assignments must be turned in via Canvas per syllabus schedule. Read the schedule carefully because it may vary from other classes you have taken. Late assignments are not accepted; no exceptions unless there are documentable extenuating circumstances. You can expect to have assignments and exams graded within one week. You are always encouraged to turn in assignments far in advance to address any issues that may arise. Assignments are graded according to the quality of work associated with clearly stated Performance Criterion. Assignments are not graded according to how hard or how long it took to complete the work. If you do not submit written work, you will receive a zero for the work. Late assignments will not be accepted. The only exceptions will be at the discretion of the instructor and must be related to extreme, extenuating circumstances such as hospitalization, death, or court date. Verifiable documentation must be provided. Examples of proper documentation are: a medical note from a licensed provider, a funeral notice, or notice from a court. Documentation must be on letterhead, be signed, and be clearly legible. Absences for non-required, cosmetic surgery and routine dental work are not accepted. The dates must be congruent with the course calendar and must clearly demonstrate that sufficient time was allowed to complete the assignment within a reasonable time period. Allow yourself sufficient time to address any issues which may arise.

A short-term, temporary matter will not be considered an extreme, extenuating circumstance in a situation where work is due far in advance. For example, a sore throat on the date work is due [for work that has been available one month in advance] will not be accepted as an excuse for late work. False claims and deceptive documentation are a violation of academic integrity. Sanctions may consist of a grade of zero on the work, a zero grade in the course, nullification of extra-credit points, and administrative removal from the course

Notify the instructor **BEFORE** an assignment is due if an urgent situation arises and the assignment will not be submitted on time. Published assignment due dates (Arizona Mountain Standard time) are firm. Please follow the appropriate University policies to request an accommodation for religious practices (<http://www.asu.edu/aad/manuals/acd/acd304-04.html>) or to accommodate a missed assignment due to University-sanctioned activities (<http://www.asu.edu/aad/manuals/acd/acd304-02.html>).

Submitting Assignments

All assignments, unless otherwise announced, **MUST** be submitted to the designated area of Canvas™. Do not submit an assignment via other methods unless specifically directed.

Drop and Add Dates/Withdrawals

This course adheres to a set schedule and may be part of a sequenced program, therefore, there is a limited timeline to drop or add the course (<https://students.asu.edu/academic-calendar>). Consult with your advisor and notify your instructor to add or drop this course. If you are considering a withdrawal, review the following ASU policies:

- Withdrawal from Classes (<http://www.asu.edu/aad/manuals/ssm/ssm201-08.html>)
- Medical/Compassionate Withdrawal (<http://www.asu.edu/aad/manuals/ssm/ssm201-09.html>)
- Grade of Incomplete (<http://www.asu.edu/aad/manuals/ssm/ssm203-09.html>)

Grade Appeals

Grade disputes must first be addressed by discussing the situation with the instructor. If the dispute is not resolved with the instructor, the student may appeal to the department chair per the University Policy for Student Appeal Procedures on Grades (<https://catalog.asu.edu/appeal>).

Student Conduct and Academic Integrity

ASU expects and requires its students to act with honesty, integrity, and respect. Required behavior standards are listed in the Student Code of Conduct and Student Disciplinary Procedures (<http://www.asu.edu/aad/manuals/ssm/ssm104-01.html>), Computer, Internet, and Electronic Communications policy (<http://www.asu.edu/aad/manuals/acd/acd125.html>), ASU Student Academic Integrity Policy (<http://provost.asu.edu/academicintegrity>), and outlined by the Office of Student Rights & Responsibilities (<https://eoss.asu.edu/dos/srr>). Anyone in violation of these policies is subject to sanctions.

1. All written work is original and not done in collaboration with another student unless directed to do so by the instructor.
2. Written content from any source other than the student's own work must be cited appropriately. Copying content from another source without proper citation is considered plagiarism and will result, at a minimum, in a failing grade on the assignment. Additional consequences, e.g., failing the course, may be administered, per school policy.
3. Use of personal electronic devices during in-person class time (when applicable) is not allowed without instructor permission.
4. Students may not upload material to Blackboard or any other course website material that is not the student's original work unless copyright laws are followed.

Violations of academic integrity include, and are not limited to:

- Offering for course credit as one's own work, wholly or in part, the work of another.
- Incorporating into one's work offered for course credit, passages taken either verbatim or in substance from the work of another without citing the original author.
- Engaging in and/or submitting unauthorized collaborative work as one's own.
- Obtaining or attempting to obtain unauthorized prior knowledge of an examination or assignment.
- Consulting notes, outlines, references or answers, from any source, during an examination.
- Selling, giving, or in any way transmitting, to another student, unauthorized information on or during examinations and/or assignments.
- Taking an examination or satisfying any other course requirement in place of another student; or having another student do the same for you.
- Failing to report an act that a student believes, in good faith, violates the Academic & Professional Integrity Policy.
- Falsifying any medical or health-related records. This includes, but is not limited to, intentional omissions of information or commission of information.
- Modifying, without faculty approval, an examination, paper, or report for the purpose of obtaining additional credit.
- Falsifying attendance at a required agency, home visit, professional meeting, or community/clinical experience.
- Falsifying or misrepresenting data collection for an assignment, project, or paper.
- Making unauthorized changes in any reported grade or official academic report.
- Making physical or verbal threats to clients, faculty, peers, and/or staff.
- Using offensive or abusive language with others.

Students are entitled to receive instruction free from interference by other members of the class (<http://www.asu.edu/aad/manuals/ssm/ssm104-02.html>). An instructor may withdraw a student from the course when the student's behavior disrupts the educational process per Instructor Withdrawal of a Student for Disruptive Classroom Behavior (<http://www.asu.edu/aad/manuals/usi/usi201-10.html>).

Appropriate online behavior (also known as *netiquette*) is defined by the instructor and includes keeping course discussion posts focused on the assigned topics. Students must maintain a cordial atmosphere and use tact in expressing differences of opinion. Inappropriate discussion board posts may be deleted by the instructor.

The Office of Student Rights and Responsibilities accepts incident reports (<https://eoss.asu.edu/dos/srr/filingreport>) from students, faculty, staff, or other persons who believe that a student or a student organization may have violated the Student Code of Conduct.

Emergency and Safety Procedures

When a fire alarm sounds, take what you can easily carry (cell phone, backpack, purse, etc) and exit the building. Stay with the instructor who will provide instructions on where to remain standing once outside of the building.

To promote classroom safety, please notify the instructor of any suspicious behavior or statements regarding any ASU class or event at any time during the semester. Become familiar with all of the exit routes in the classroom and building and in the event of a classroom emergency, evaluate the situation for your safest and quickest escape from harm's way. Once out of danger call 911. The ASU Police non-emergency number is: 480.965.3456. Email: ASUPolice@asu.edu. For more information and to view training videos go to: <https://cfo.asu.edu/police-safety-training>. Download the free ASU LiveSafe Mobile App at Apple iTunes or

Google Play stores. The app allows you to send ASU Police real-time, anonymous tips that include chat, pictures, audio and video and provides direct access to ASU Police dispatch and 911 emergency services.

College of Nursing and Health Innovation Student Handbook

Students are expected to adhere to the policies and guidelines in the current edition of the College of Nursing and Health Innovation for your program (<https://nursingandhealth.asu.edu/student-life/current-students>).

Prohibition of Commercial Note Taking Services (as applicable)

In accordance with ACD 304-06 Commercial Note Taking Services (<http://www.asu.edu/aad/manuals/acd/acd304-06.html>), written permission must be secured from the official instructor of the class in order to sell the instructor's oral communication in the form of notes. Notes must have the note taker's name as well as the instructor's name, the course number, and the date.

Course Evaluation

Students are expected to complete the course evaluation. The feedback provides valuable information to the instructor and the college and is used to improve student learning. Students are notified when the online evaluation form is available.

Syllabus Disclaimer

The syllabus is a statement of intent and serves as an implicit agreement between the instructor and the student. Every effort will be made to avoid changing the course schedule but the possibility exists that unforeseen events will make syllabus changes necessary. Please remember to check your ASU email and the course site often. If there is content in the course which is offensive, please consult with your course instructor.

Title IX

Title IX is a federal law that provides that no person be excluded on the basis of sex from participation in, be denied benefits of, or be subjected to discrimination under any education program or activity. Both Title IX and university policy make clear that sexual violence and harassment based on sex is prohibited. An individual who believes they have been subjected to sexual violence or harassed on the basis of sex can seek support, including counseling and academic support, from the university. If you or someone you know has been harassed on the basis of sex or sexually assaulted, you can find information and resources at <https://sexualviolenceprevention.asu.edu/faqs>.

As a mandated reporter, I am obligated to report any information I become aware of regarding alleged acts of sexual discrimination, including sexual violence and dating violence. Please see [ACD 401](#), "Prohibition Against Discrimination, Harassment, and Retaliation," for further information. ASU Counseling Services, <https://eoss.asu.edu/counseling>, is available if you wish to discuss any concerns confidentially and privately.

Accessibility Statement

Disability Accommodations: Qualified students with disabilities who will require disability accommodations in this class are encouraged to make their requests to me at the beginning of the semester either during office hours or by appointment. Note: Prior to receiving disability accommodations, verification of eligibility from the Disability Resource Center (DRC) is required. Disability information is confidential.

Establishing Eligibility for Disability Accommodations: Students who feel they will need disability accommodations in this class but have not registered with the Disability Resource Center (DRC) should contact DRC immediately. Students should contact the Disability Resource Center, campus-specific location and

contact information (<https://eoss.asu.edu/drc/contactus>) can be found on the DRC website. DRC offices are open 8 a.m. to 5 p.m. Monday – Friday. Check the DRC website (<http://eoss.asu.edu/drc>) for eligibility and documentation policies.

Email: DRC@asu.edu

DRC Phone: (480) 965-1234

DRC FAX: (480) 965-0441

Technical Requirements & Support

Computer Requirements

This course requires Internet access and the following:

- A web browser. Please use only Google Chrome (<https://www.google.com/chrome>) or Mozilla Firefox (<http://www.mozilla.org/en-US/firefox/new/>)
- Adobe Acrobat Reader (<http://get.adobe.com/reader/>)
- Adobe Flash Player (<http://get.adobe.com/flashplayer/>)
- Microphone (optional) and speaker
- See other software requirements described earlier and in Blackboard

Computer Skills Requirements

It is expected that you will be able to do at least the following tasks on a computer:

- Use the Blackboard™ Learning Management System
- Using ASU email
- Creating and submitting files in commonly used word processing program formats (specifically Microsoft Word)
- Copying and pasting text
- Downloading and installing software
- Using spreadsheet programs (specifically Microsoft Excel)
- Using presentation and graphic programs

Technical Support

This course uses Blackboard™ to deliver course content. It can be accessed through MyASU at <http://my.asu.edu> or the Blackboard™ home page at <http://myasucourse.asu.edu/>.

To monitor the status of campus networks and services, visit the System Health Portal at <http://syshealth.asu.edu/> or via Twitter by following @ASUOutages.

To contact the help desk you have two options:

- Website: accessed through the MyASU Service Center at <http://my.asu.edu/service>
- Chat: accessed through the MyASU Service Center at <http://my.asu.edu/service>
- Call toll-free at 1-855-278-5080

Information in the syllabus may be subject to change with reasonable advance notice.