

Population Health (HLTH)

HLTH 1000. Orientation to Population Health. 0 Hours.

HLTH 1000 is an orientation course specifically developed for students enrolled in the Bachelor of Applied Science in Health Administration (BAS-HA). This 20-minute course is meant to facilitate students' mastery of the BAS-HA program's accelerated schedule. The orientation, while optional, is structured to enhance student success. Upon completion, participants will receive distinctive program merchandise as an incentive. ****COURSE LEARNING OUTCOMES (CLOs)**** At the successful conclusion of this course students will: 1. Articulate the key components of the BAS-HA curriculum, including the compressed schedule, course requirements, and the overall academic roadmap. 2. Identify and know how to access the various campus resources available to support their academic success, including tutoring services, library resources, counseling services, and health services. 3. Describe the roles and responsibilities of the program director and faculty members, understanding how they can provide support and guidance throughout the student's academic journey. 4. Build a peer support network with their colleagues in the program, fostering relationships that can provide mutual support, collaboration opportunities, and a sense of community. FA, SP.

HLTH 2010. Health & Disease. 3 Hours.

Introduction to the science of health and disease, both communicable and non-communicable, including history, etiology, prevalence, symptoms, treatment and ways to prevent disease and protect health across the lifespan. ****COURSE LEARNING OUTCOMES (CLOs)** At the successful conclusion of this course, students will be able to: 1. Define the most common terms associated with health and disease. 2. Compare and contrast the medical and wellness models of health. 3. Summarize mental and physical health. 4. Classify the most common communicable and non-communicable diseases and describe their history, etiology, prevalence, symptoms, recommend basic treatment for each disease, and design disease prevention plans across the lifespan. 5. Assess the influence of alcohol, tobacco, and drugs on health. 6. Determine the most common health factors, articulate how each influences health and disease, and explain how to improve each factor for optimal health. FA.

HLTH 2700. Consumer Health Issues. 3 Hours.

This course examines factors associated with the marketplace for health-related products and services. Topics will include medical quackery, fraudulent health practices; laws and agencies protecting the consumer. ****COURSE LEARNING OUTCOMES (CLOs)** At the successful conclusion of this course, students will be able to: 1. Demonstrate an understanding of health services, products, and alternative medicine. 2. Demonstrate an understanding of laws and agencies protecting the consumer. 3. Demonstrate an understanding of vulnerable populations. 4. Demonstrate an understanding of health care fraud and the implications to the health industry. 5. Demonstrate an understanding of the importance of personal responsibility to improve population health. 6. Demonstrate an understanding of the accumulation of individual health measures in evaluating population health. FA.

HLTH 3010. Population & Community Health. 3 Hours.

Highlights the concepts of population health and interdisciplinary collaboration for health and the basic processes and interventions used to address the health needs of communities. The course will also introduce students to the history, philosophy, functions and core values of public health in the U.S. and the world. ****COURSE LEARNING OUTCOMES (CLOs)** At the successful conclusion of this course, students will be able to: 1. Describe the components of a population health system, including health delivery types and programs, health outcomes, health determinants, and policies that affect the determinants. 2. Develop interventions that promote patient engagement and behavior change, supported through patient advocacy and assistance programs. 3. Use decision support tools to develop interventions using models of population health to improve quality and safety measures within the continuum of care. 4. Evaluate research information and the reliability and validity of the information provided from research studies. 5. Identify emerging issues related to population health management and develop solutions to addressing those issues. FA.

HLTH 3020. U.S. & World Health Systems. 3 Hours.

Provides students with a comprehensive survey of the organization and management of the US health care system, including history, regulation, structure, economics, operations, and current issues, as well as a comparison of health systems worldwide. ****COURSE LEARNING OUTCOMES (CLOs)** At the successful conclusion of this course, students will be able to: 1. Explain how significant and influential ideas and philosophies have influenced the informal and formal structures and processes within the U.S. health care system. 2. Explain how the management and structure of the US health care system has been influenced throughout history by regulation. 3. Compare and contrast the influence of the U.S. health care system with that of another country. Prerequisites: Advanced standing or instructor approval. FA.

HLTH 3040. Environmental Health. 3 Hours.

Provides a foundation for understanding how both natural and built environments affect human health. Topics will include human-environment interaction, pollution, sanitation, air, water and food quality, relationship to infectious disease, climate change and other current environmental health issues. ****COURSE LEARNING OUTCOMES (CLOs)** At the successful conclusion of this course, students will be able to: 1. Develop an understanding of environmental health issues, remedies, and regulation. 2. Develop an understanding of human-environment interaction. 3. Develop an understanding of natural versus built environments. 4. Develop an understanding of pollution, sanitation, air, water, and food quality. 5. Develop an understanding of the relationship of the environment to infectious disease. 6. Develop an understanding of climate change and other current environmental health issues. Prerequisites: Advanced standing or instructor approval. SP.

HLTH 3310. Health Promotion. 3 Hours.

Introduces the principles of health promotion, including community assessment, asset mapping, coalition building, and advocacy. Students will learn how to successfully plan and implement community-based programming and to evaluate its effectiveness. ****COURSE LEARNING OUTCOMES (CLOs)** At the successful conclusion of this course, students will be able to: 1. Explain the concept of health promotion and why a site is an appropriate delivery point. 2. Conduct a site needs assessment of program participants that includes the identification of health disparities. 3. Identify evidence-based health promotion interventions including appropriate health theories and develop appropriate program materials and activities. 4. Evaluate a health promotion program using common methods and tools. 5. Design effective marketing tools for a health promotion program. 6. Explain sources of grants and how to write a grant proposal. 7. Create a health promotion program that includes mission statement, objectives, policies, logic model, Gantt chart, staffing needs, advocacy agenda, communication plan, marketing tools, and budget. 8. Create a health promotion sustainability plan. FA, SP.

HLTH 3385. Healthcare Quality and Safety. 3 Hours.

The course introduces students to industry practices relative to patient healthcare quality and safety. This includes quality assessment, risk management, and process review as implemented within the healthcare environment. Principles of continuous quality improvement are used as a framework for the course. ****COURSE LEARNING OUTCOMES (CLOs)** At the successful conclusion of this course, students will be able to: 1. Demonstrate an understanding of the evolution of continuous quality improvement, application of quality measures and practices, and implementation within the healthcare system. 2. Demonstrate an understanding of common medical errors including classification and reduction following a data-driven model. 3. Demonstrate an understanding of appropriate organization of quality resources. 4. Demonstrate an understanding of issues related to patient safety. 5. Demonstrate an understanding of industry best practices for achieving quality improvement within a health related environment. FA.

HLTH 3400. Healthcare Project Management. 3 Hours.

Students will learn the theories, tools, and techniques for successful project management. Topics will include task organization and sequencing; schedule development; critical path method implementation as a management tool; the use of milestone and Gantt charts; the reverse planning method; and cost, performance, and client considerations. ****COURSE LEARNING OUTCOMES (CLOs)** At the successful conclusion of this course, students will be able to: 1. Explain project management terms and techniques such as the triple constraint of project management. 2. Utilize tools and techniques of project management such as selection methods, work schedules, Gantt charts, network diagrams, critical path analysis, cost estimates, earned value management, motivation, and team building to plan a project. 3. Apply project management concepts by working on a team project as project manager or active team member to plan a project. 4. Demonstrate strong communication skills utilizing virtual collaboration tools like Moodle and Google. 5. Compare and contrast good project management skills by learning about and sharing examples of good and bad project management. FA.

HLTH 3500. Health Organization Financial Analysis. 3 Hours.

Introduces students to the fundamental principles and practices of accounting and finance needed by non-finance managers in health care organizations, including an introduction to budgeting, revenue and expenses, payroll, financial statements, and the economics of decision making. ****COURSE LEARNING OUTCOMES (CLOs)** At the successful conclusion of this course, students will be able to: 1. Explain the public and private sources of health insurance coverage. 2. Describe the factors third-party payers consider when setting premium and reimbursement rates. 3. Describe the various reimbursement methods utilized by third-party payers. 4. Utilize reimbursement methodologies that impact coding and billing compliance, value-based purchasing initiatives, and revenue cycle management. Prerequisites: Advanced standing or instructor approval and all general education requirements must be completed prior to enrolling. SP.

HLTH 3510R. Revenue Cycle Management and Health Plans. 3 Hours.

The course presents the foundational economic principles of health insurance to clarify insurance-related policy and revenue cycle management issues. This course will help students learn the underlying assumptions, facts, and variables that drive decision-making and choices on the payer side. The course will include healthcare reimbursement methodologies and systems, coding and billing compliance, value-based purchasing initiatives, and the revenue cycle and management. It supports knowledge application and data analytics skill-building through real-life scenarios and case studies. ****COURSE LEARNING OUTCOMES (CLOs)**** At the successful conclusion of this course, students will be able to: At the successful conclusion of this course students will be able to: 1) Explain the public and private sources of health insurance coverage. 2) Describe the factors third-party payers consider when setting premium and reimbursement rates. 3) Describe the various reimbursement methods utilized by third-party payers. 4) Utilize reimbursement methodologies that impact coding and billing compliance, value base purchasing initiatives, and revenue cycle management. Prerequisites: ACCT 2010 Financial Accounting (Grade C or higher). SP.

HLTH 3600. Patient Navigation. 3 Hours.

This course will provide student with an understanding of the barriers to patient healthcare. In addition, this course will help students develop the skills and competencies to become an affective patient navigator. ****COURSE LEARNING OUTCOMES (CLOs)** At the successful conclusion of this course, students will be able to: 1. Demonstrate an understanding of the barriers to effective patient navigation within the health care system. 2. Demonstrate an understanding of the competencies and skills needed by patient navigators. 3. Develop patient navigation basic skills. 4. Use communication skills to build rapport with patients. 5. Demonstrate an understanding of basic motivational interviewing. SP.

HLTH 3750. Health Determinants & Disparities. 3 Hours.

Focuses on the biological, environmental, behavior, social and economic factors that influence individual and community health and disease; emphasis will be given to the interaction between these factors, including personal lifestyle decisions and social determinants of health. Students will also be introduced to the U.S. Health people, goals, objectives and measures. ****COURSE LEARNING OUTCOMES (CLOs)** At the successful conclusion of this course, students will be able to: 1. Determine how social and economic factors influence individual and community health and disease. 2. Synthesize cultural competency and diversity to improve health status. 3. Evaluate the health status of a population or individual using appropriate measures of health. 4. Assess the effectiveness of local, national, and global measures aimed at reducing health disparities. 5. Create a plan for increasing cultural competency and diversity within an organization and a plan to improve measures of health. Prerequisites: Advanced standing or instructor approval and all general education requirements must be completed prior to enrolling. SP.

HLTH 3800. Genetics & Disease. 3 Hours.

This course covers the principles of human genetics, including the mapping of disease genes, defects causing human disease, the cloning of disease genes, gene therapy, transgenes, and specific pathological disorders. ****COURSE LEARNING OUTCOMES (CLOs)** At the successful conclusion of this course, students will be able to: 1. Develop an understanding of the principles of human genetics. 2. Develop an understanding of mapping of disease genes. 3. Develop an understanding of defects causing human disease. 4. Explore the cloning of disease genes, gene therapy, transgenes, and specific pathological disorders. Prerequisites: Advanced standing or instructor approval. SP.

HLTH 3900. Infectious Disease. 3 Hours.

Course covers the basic concepts of infectious diseases and dynamics of disease transmission. From an initial review of some common terms, students progress into detailed discussions on how pathogens establish themselves within a host to sustain an infection. ****COURSE LEARNING OUTCOMES (CLOs)** At the successful conclusion of this course, students will be able to: 1. Develop an understanding of the basic concepts of infectious diseases. 2. Develop an understanding of the dynamics of disease transmission. 3. Develop an understanding of methods in which pathogens establish themselves within a host to sustain an infection. Prerequisites: Advanced standing or instructor approval. SP.

HLTH 4010. Biostatistics & Epidemiology. 3 Hours.

Covers principles and methods of epidemiologic investigation and the use of classical statistical approaches to describe the health of populations. Recommended prerequisites include MATH 1040 or STAT 2040 grade C or higher. ****COURSE LEARNING OUTCOMES (CLO)** At the successful conclusion of this course, students will be able to: 1. Describe the history, philosophy, and uses of epidemiology. 2. Summarize the sources of epidemiological data. 3. Explain common terms of epidemiology including morbidity, mortality, descriptive epidemiology, association, and causation. 4. Analyze population health using common measures in epidemiology. 5. Discuss screening for disease and calculate related measures. 6. Predict and summarize measures of outbreak investigation, social and behavioral phenomena, and special topics including work and the environment. Prerequisites: Advanced standing or instructor approval and all general education requirements must be completed prior to enrolling. SP.

HLTH 4020. Research Methodology in Population Health. 3 Hours.

The course provides the fundamental and working knowledge of scientific method employed in population health research. Students will perform critical analysis of research utilizing scientific method and evidence-based publications. ****COURSE LEARNING OUTCOMES (CLOs)** At the successful conclusion of this course, students will be able to: 1. Apply scientific methods to conduct research. 2. Create a proposal for an agreed upon research question that includes an introduction, background information, problem statement, purpose, significance, theoretical framework, scope and limitations, and other relevant information. 3. Create a data collection plan and use appropriate methods to collect data. 4. Accurately screen and analyze data and results for their research project. Prerequisites: Advanced standing or instructor approval and all general education requirements must be completed prior to enrolling. SP.

HLTH 4030. Leadership & Group Dynamics. 3 Hours.

Focuses on the theories, concepts, and principles of leadership; emphasizes the development of leadership skills related to personal behavior, communication, organization, and self-examination; and explores the opportunity to develop leadership roles appropriate to the population health profession. ****COURSE LEARNING OUTCOMES (CLOs)** At the successful conclusion of this course, students will be able to: 1. Create a job analysis and organizational chart based upon a self-assessment and the roles and responsibilities of a health leader. 2. Identify and apply leadership tools that implement strategies in order to create a positive environment within an organization. 3. Summarize leadership theories and how each applies in various situations. 4. Create an employee development plan that includes: mentoring, coaching, motivation, conflict resolution, performance evaluation, retention, and confidentiality. 5. Explain the role of a leader as it applies to financial performance within an organization. Prerequisites: Advanced standing or instructor approval. FA.

HLTH 4300. Healthcare Marketing. 3 Hours.

Introduces students to the fundamental marketing concepts and strategies as related to delivery of health care, including, market analysis, competition, marketing mix, promotional strategy, patient-consumer psychology, and regulatory limitations. ****COURSE LEARNING OUTCOMES (CLOs)** At the successful conclusion of this course, students will be able to: 1. Demonstrate an understanding of concepts and strategies related to the delivery of health care. 2. Create a comprehensive marketing plan that includes market analysis, competition, marketing mix, and strategic goals. Prerequisites: Advanced standing or instructor approval and all general education requirements must be completed prior to enrolling. SU.

HLTH 4400. Health Law & Ethics. 3 Hours.

Emphasizes the basic legal, regulatory, and ethical issues impacting health care and public health systems, including the roles of various governmental agencies and branches. Explores the roles and responsibilities of individuals within the health industry. ****COURSE LEARNING OUTCOMES (CLOs)** At the successful conclusion of this course, students will be able to: 1. Create critical arguments for contemporary ethical dilemmas within the health industry that utilize ethical frameworks. 2. Describe the historical and philosophical origins of diverse thoughts and actions related to common ethical dilemmas within the health industry. 3. Analyze the attitudes, beliefs, and interactions of a variety of groups and individuals serving on an ethics committee within the health industry. 4. Explain the evolution of health industry laws and legal processes and their implications for current and emerging issues. 5. Evaluate case applications of common laws that impact the health industry. 6. Define the rights and responsibilities of health industry professionals in regards to accrediting, credentialing, and privileges. Prerequisites: Advanced standing or instructor approval and all general education requirements must be completed before enrolling. SU.

HLTH 4500. Global Health. 3 Hours.

Provides students with in-depth coverage of the social, cultural, economic, environmental, climatological and political issues that determine the health status of global populations and that can lead to disparities among nations. Course also highlights local and regional influences on global health and potential remedies. ****COURSE LEARNING OUTCOMES (CLOs)** At the successful conclusion of this course, students will be able to: 1. Describe the key principles of global health including the social, cultural, economic, environmental, climatological and political issues that determine the health status of global populations. 2. Explain essential components for programs to improve global health, including ethics, funding, and implementation. 3. Explain the factors and associated health loss from the global burden of disease. 4. Describe key components of global health throughout the lifespan. 5. Explain local and regional practices that impact global health and develop potential interventions. Prerequisites: Advanced standing or instructor approval. FA.

HLTH 4600. Health Economics. 3 Hours.

Provides an overview of the United States healthcare system using a microeconomics lens. Microeconomic theory and empirical studies will be introduced to increase understanding of how consumers, firms, and the government influence healthcare expenditures (including its quantity and prices), healthcare quality, and patient health outcomes. Economic models will be used to predict how changes in consumer behavior, the industrial organization of firms, and government policies affect healthcare and health outcomes. ****COURSE LEARNING OUTCOMES (CLOs)** At the successful conclusion of this course, students will be able to: 1. Describe how economics applies to health care and apply economic principles to influence cost, quality and access of care. 2. Explain the broad economic context of health care delivery in the US compared to other countries. 3. Analyze the changing nature of the health industry and the economic implications for operations and public policy including insurance, technology, and workforce. 4. Evaluate public policy using an economic perspective for international, national, and local populations. Prerequisites: Advanced standing or instructor approval and all general education requirements must be completed before enrolling. SU.

HLTH 4700. Nursing Home Administration. 3 Hours.

Provides an understanding of present laws, regulations, and standards that impact the management of nursing home facilities. Covers resident rights and responsibilities and the role in managing such facilities. The course highlights record keeping, use of information systems and data, operational performance, and quality of care within nursing homes. ****COURSE LEARNING OUTCOMES (CLOs)** At the successful conclusion of this course, students will be able to: 1. Demonstrate an understanding of present laws, regulations, and standards that impact the management of nursing home facilities. 2. Demonstrate an understanding of resident rights and responsibilities and the role in managing such facilities. 3. Develop processes, policies, and procedures that provide for record keeping, use of information systems and data, operational performance, and quality of care within nursing homes. Prerequisites: Advanced standing or instructor approval. FA.

HLTH 4710. Residential Care Administration. 3 Hours.

Presents managerial ideologies important to the operational, regulatory, and environmental standards of residential care facilities. The role of the administrator is explored in planning, organizing, directing, controlling, and staffing each department to provide appropriate levels of care and quality of life. Includes the contributions of rehabilitation and recreation services in improving quality of life for residents. ****COURSE LEARNING OUTCOMES (CLOs)** At the successful conclusion of this course, students will be able to: 1. Demonstrate an understanding of managerial ideologies important to the operational, regulatory, and environmental standards of residential care facilities. 2. Describe the role of the administrator in planning, organizing, directing, controlling, and staffing each department to provide appropriate levels of care and quality of life. 3. Explain the contributions of rehabilitation and recreation services in improving quality of life for residents. Prerequisites: Advanced standing or instructor approval. SP.

HLTH 4720. Home and Community Based Services. 3 Hours.

Presents management concepts related to home and community-based long-term care services including rehabilitation, home health, and hospice including laws, regulations, standards, patient rights, and role of personnel. Addresses performance improvement, quality of care, and challenges associated with the delivery of care in these environments. ****COURSE LEARNING OUTCOMES (CLOs)** At the successful conclusion of this course, students will be able to: 1. Demonstrate an understanding of management concepts related to home and community-based services of care for long-term care services including rehabilitation, home health, and hospice. 2. Explain concepts including laws, regulations, standards, patient rights, and role of personnel that impact home and community-based services. 3. Develop processes, policies, and procedures that address performance improvement, quality of care, and challenges associated with the delivery of care in home and community-based services. Prerequisites: Advanced standing or instructor approval. FA.

HLTH 4750. National Long-Term Care Certification Exam Preparation. 2 Hours.

Presents a review of program curriculum. Provides students with study material and practice exams that focus on the content of the national administrator certification exam. ****COURSE LEARNING OUTCOMES (CLOs)** At the successful conclusion of this course, students will be able to: 1. Demonstrate an understanding of program curriculum including regulations, operations, quality improvement, patient rights, planning, organizing, directing, controlling, and staffing within long-term care organizations. 2. Explore the national administrator exam contents and formats. 3. Demonstrate proficiency with content included on the national administrator exam. Prerequisites: Advanced standing or instructor approval. SP.

HLTH 4760. Applied Case Studies in Population Health. 3 Hours.

Students will work in a collaborative environment to develop strategies and solutions to practical problems within population health. Inter-professional education activities will enhance the ability to approach the problem from a variety of perspectives. Includes defining, analyzing, and solving significant senior management level problems in health service organizations. ****COURSE LEARNING OUTCOMES (CLOs)** At the successful conclusion of this course, students will be able to: 1. Identify and define a significant issue related to population health within the community. 2. Conduct a comprehensive analysis of a population health problem using an inter-professional approach. 3. Develop strategic plans to address a population health problem within the community. Prerequisites: Advanced standing or instructor approval. SP.

HLTH 4770. Population Health Lecture Series. 3 Hours.

This course will explore population health topics and challenges present in health organizations. Students will analyze the responses by managers and leaders in addressing the challenges to identify successful approaches to problem solving and process improvement. ****COURSE LEARNING OUTCOMES (CLOs)** At the successful conclusion of this course, students will be able to: 1. Develop an understanding of current issues related to population health. 2. Demonstrate an understanding of strategic approaches in resolving population health issues in a collaborative environment. 3. Evaluate the success or failure of strategic approaches to problem solving by leaders in population health. 4. Create alternative approaches to solving current issues in population health. Prerequisites: Advanced standing or instructor approval. FA.

HLTH 4790. Management of Healthcare Organizations & Strategy. 3 Hours.

This course focuses on management issues specific to health care organizations. Topics will include responding to market changes and patient expectations, adopting and creating innovation, analyzing and adapting to change to improve performance, job designs and roles in health care organizations, interdisciplinary team-based work, working within health care regulation, integrating health care technology and other current topics. ****COURSE LEARNING OUTCOMES (CLOs)** At the successful conclusion of this course, students will be able to: 1. Define and differentiate the roles and responsibilities and necessary competencies of healthcare managers. 2. Compare and contrast management and leadership principles and describe the impact on employee motivation and organizational culture. 3. Create a strategic plan for a healthcare organization, including human resources, marketing quality improvement, IT, finances and community needs. 4. Analyze a healthcare organization's operations and develop innovative solutions to improve operational performance. 5. Identify emerging topics that influence the operations of a healthcare organization. Prerequisites: Advanced standing or instructor approval and all general education requirements must be completed before enrolling. SU.

HLTH 4800. Health Policy. 3 Hours.

The course will provide a framework for understanding and analyzing a range of health policy issues. The course begins by introducing the U.S. policy-making system. It then considers essential issues in health policy formulation and implementation including health insurance, health economics, individual rights in health care, and health care access and quality. ****COURSE LEARNING OUTCOMES (CLOs)** At the successful conclusion of this course, students will be able to: 1. Explain important federal, state, and local health policy. 2. Explain the major issues surrounding the health care reform debate. 3. Identify and use health policy data sources. 4. Identify the major political, economic and social forces affecting the U.S. healthcare system. 5. Analyze ethical and cultural diversity issues in health services. 6. Describe a range of significant and pressing health policy topics, such as children's health, women's health, alcohol, tobacco and drug control, and food and obesity policies. Prerequisites: Advanced standing or instructor approval and all general education requirements must be completed before enrolling. SU.

HLTH 4900R. Population Health Study Abroad. 3 Hours.

This course explores population health programs and health care services in an environment that introduces students to a variety of cultures, systems, and experiences. The experience provides an opportunity to compare and contrast other health systems to the United States. For international travel, see studyabroad.utahtech.edu for additional travel costs that may apply. The course may be repeated up to 3 times. ****COURSE LEARNING OUTCOMES (CLOs)** At the successful conclusion of this course, students will be able to: 1. Demonstrate an understanding of cultural competence and diversity in world health systems. 2. Compare and contrast a population health system with the United States. 3. Create recommendations based upon the analysis conducted between health systems.

HLTH 4910. Population Health Capstone. 3 Hours.

Designed as an academic cumulative experience allowing students to demonstrate competence in integrating concepts across the curriculum and will include the creation of a professional project. Additionally, the course will prepare students for their professional internship experience and reinforce concepts such as ethics, professionalism, networking, organizational dynamics, teamwork and leadership. ****COURSE LEARNING OUTCOMES (CLOs)** At the successful conclusion of this course, students will be able to: 1. Demonstrate competence in integrating concepts across the curriculum by creating solutions to case study scenarios and completing appropriate projects. 2. Demonstrate competence in program curriculum through a standardized nationally administered exam covering concepts such as ethics, professionalism, networking, organizational dynamics, teamwork and leadership. 3. Prepare for a professional internship experience. 4. Create resumes and fulfill activities to prepare for entry into the health industry. Prerequisites: HLTH 2010 and HLTH 3010 and HLTH 3020 and HLTH 4010 (all Grade C or higher) and advanced standing; or instructor approval. FA.

HLTH 4920R. Population Health Internship. 3-6 Hours.

Course is designed to provide students with community-based practical experience that will allow them to observe real-life practice and provide opportunity to demonstrate mastery of professional skills in a health community setting. ****COURSE LEARNING OUTCOMES (CLOs)** At the successful conclusion of this course, students will be able to: 1. Observe real-life practice and provided opportunity to demonstrate mastery of professional skills in a health setting completing a minimum of 120 hours. 2. Apply knowledge and skills within a health organization. 3. Demonstrate program competencies while completing an agreed upon project for a health organization. 4. Demonstrate readiness to enter into the health industry or graduate school. 5. Demonstrate ability to collaborate with industry professionals including supervisors and peers. Prerequisites: Students must complete HLTH 4910 Capstone before registering for the internship course, advanced standing and instructor approval; Students must maintain a cumulative GPA of 3.0 or higher to be eligible to register for their internship; Grade Standard for Core Emphasis Courses: To register for the internship course, students must have achieved a grade of 'C' or better in all core emphasis courses completed before the internship. SP.

HLTH 4930R. Long-Term Care Residency I. 3 Hours.

Provides an experience where students complete projects, plans, and other administrative tasks under the joint supervision of a long-term care facility administrator and faculty member. This course requires 600 hours of on-site application of program knowledge and skills at a long-term care facility. ****COURSE LEARNING OUTCOMES (CLOs)** At the successful conclusion of this course, students will be able to: 1. Apply knowledge and skills within a nursing home organization. 2. Demonstrate an ability to collaborate with industry professionals including supervisors and peers. 3. Demonstrate program competencies while completing an agreed upon project for a long-term health care organization. 4. Demonstrate readiness to oversee a long-term care organization or graduate school. Prerequisites: Advanced standing or instructor approval. FA, SP.

HLTH 4940R. Long-Term Care Residency II. 3 Hours.

A continuation of Long-Term Care Residency I, this course provides an experience where students complete projects, plans, and other administrative tasks under the joint supervision of a long-term care facility administrator and faculty member. This course requires 400 hours of on-site application of program knowledge and skills at a long-term care facility or an alternative long-term care organization. ****COURSE LEARNING OUTCOMES (CLOs)** At the successful conclusion of this course, students will be able to: 1. Apply knowledge and skills within a health care organization. 2. Demonstrate program competencies while completing an agreed upon project for a long-term care organization. 3. Demonstrate an ability to collaborate with industry professionals including supervisors and peers. 4. Demonstrate readiness to lead a long-term care organization or enter graduate school. Prerequisites: Advanced standing or instructor approval. FA, SP.

HLTH 4950R. Population Health Independent Study. 1-3 Hours.

This course is designed to meet the individual needs of advanced students in Population Health Programs who wish to pursue a specific focus of study related to their degree/emphasis focus and/or research interest. Students work under supervision by appropriate faculty in the design and successful completion of the course. The course is structured by a formal contractual arrangement with the faculty member submitted at the beginning of the semester in which that coursework is undertaken. Students are expected to meet with the faculty mentor (or mentors) each week and to provide the faculty member (or members) with progress reports and assignment development for feedback and grading purposes on an ongoing basis. Variable credit 1.0 - 3.0. Repeatable up to 9 credits, subject to graduation requirements. ****COURSE LEARNING OUTCOMES (CLOs)** At the successful conclusion of this course, students will be able to: 1. Demonstrate learning through original and creative ideas. 2. Collaborate with others to accomplish a shared purpose or goal. 3. Use appropriate strategies and tools to represent, analyze, and integrate course-specific knowledge. 4. Demonstrate the ability to think critically about the course content. 5. Apply knowledge from the course to various contexts, problems, and solutions. Prerequisites: Instructor permission. FA SP SU.

HLTH 6000. Professional Development for Emerging Health Professionals. 3 Hours.

Professional Development for Emerging Health Professionals is a comprehensive three-credit hour course designed for Master of Health Administration (MHA) students. This 14-week program is tailored to equip students with essential skills and knowledge to excel in their internship, post-grad job search, and fellowship applications. The course encompasses various topics, including internship and fellowship opportunities, professional organization engagement, effective offer negotiation, interview and application preparation techniques, networking strategies, and job fair participation. Through this course, students will gain a competitive edge, fostering career growth and success in the dynamic healthcare industry. *****COURSE LEARNING OUTCOMES (CLOs)****At the successful conclusion of this course students will: 1. Create a professional resume and cover letter. 2. Create a LinkedIn Profile. 3. Employ networking skills to build their professional network. 3. Develop leadership and relationship management skills. 4. Engage in informational interviewing. Prerequisites: Admission to the Master's of Healthcare Administration at Utah Tech University. FA.

HLTH 6001. Healthcare Economics and Policy. 3 Hours.

Healthcare Economics and Policy is a comprehensive three-credit-hour professional development course for Master of Health Administration (MHA) students. This 14-week program delves into the intricacies of healthcare economics, policy, and legislative functions that significantly influence healthcare delivery. The course equips students with a thorough understanding of the economic principles driving healthcare systems, formulating and analyzing healthcare policies, and the critical role of legislation in shaping healthcare practices. *****COURSE LEARNING OUTCOMES (CLOs)****At the successful conclusion of this course students will: 1. Understand basic healthcare economic principles. 2. Utilize economic perspectives to understand current and proposed healthcare policy. 3. Explain the economic perspectives that drive policy decision-making around finance and delivery of health services. Prerequisites: Admission to the Master's of Healthcare Administration program at Utah Tech. FA.

HLTH 6002. Revenue Cycle Management and Health Plans. 3 Hours.

Revenue Cycle Management and Health Plans is a comprehensive three-credit-hour professional development course tailored for Master of Health Administration (MHA) students. Over 14 weeks, this program offers a deep dive into revenue cycle management, health plans, Medicaid, Medicare, healthcare finance, and accounting. Through an integrated approach, students will gain a profound understanding of how health plans function, how legislative and policy factors impact revenue cycle management, and the critical role of the revenue cycle in influencing cash flow. By exploring the intersections of healthcare economics, policy, and accounting, students will be equipped with essential skills to optimize revenue operations, enhance financial performance, and navigate the complexities of the evolving healthcare landscape. ****COURSE LEARNING OUTCOMES (CLOs)**** At the successful conclusion of this course students will: 1. Explain the public and private sources of health insurance coverage. 2. Describe the factors third-party payers consider when setting premium and reimbursement rates. 3. Describe the various reimbursement methods utilized by third-party payers. 4. Utilize reimbursement methodologies that impact coding and billing compliance, value-based purchasing initiatives, and revenue cycle management. Prerequisites: Admission to the Master of Healthcare Administration program and students must have passed a financial accounting course (Grade B- or higher). FA.

HLTH 6003. Health Services Administration. 3 Hours.

Health Services Administration is a dynamic three-credit-hour course for early-career healthcare professionals pursuing a Master of Health Administration (MHA). Over 14 weeks, this course offers a comprehensive overview of various departments and service lines within a primary health system. By exploring the diverse roles and functions across healthcare departments, students will be equipped to navigate the complexities of health services administration, fostering their potential for impactful and successful healthcare leadership. ****COURSE LEARNING OUTCOMES (CLOs)**** At the successful conclusion of this course students will: 1. Apply the principles of a healthcare organization, management, and problem-solving as a basis for action and leadership. 2. Employ techniques that manage positive relationships with individuals and teams. 3. Engage in crucial conversations. 4. Communicate and navigate the healthcare industry based on knowledge of organizational participants, governance structures, funding mechanism, and health policy and economics. Prerequisites: Admission to the Master's of Healthcare Administration program. FA.

HLTH 6004. Marketing and Brand Management. 3 Hours.

Marketing and Brand Management in Healthcare is an engaging three-credit-hour professional development course to equip early-career healthcare professionals pursuing a Master of Health Administration (MHA) with comprehensive knowledge and practical skills in healthcare marketing and brand management. Over 14 weeks, students will explore the healthcare industry's diverse aspects of marketing strategies, communication techniques, and brand-building. Through an integrated approach, the course aims to introduce participants to the intricacies of healthcare marketing, enabling them to develop innovative and effective marketing campaigns, enhance brand reputation, and foster patient engagement for improved organizational success and patient outcomes. ****COURSE LEARNING OUTCOMES (CLOs)**** At the successful conclusion of this course students will: 1. Demonstrate an understanding of marketing and brand management concepts and strategies related to health care delivery. 2. Create a comprehensive marketing plan that includes market analysis, competition, marketing mix, and strategic goals that drive the organizational mission. Prerequisites: Admission to the Master's of Healthcare Administration program. SP.

HLTH 6005. Healthcare Management Strategies. 3 Hours.

Management Strategies is a comprehensive three-credit-hour course designed to equip early-career healthcare professionals pursuing a Master of Health Administration (MHA) with essential healthcare management and supervision skills and knowledge. Over 14 weeks, students will explore various aspects of workforce management, organizational leadership, and effective communication techniques in healthcare settings. This course introduces participants to the intricacies of managing healthcare teams, fostering a positive work environment, and driving operational excellence. Through an integrated approach, students will develop the expertise needed to navigate the challenges and opportunities in healthcare management, positioning them for success as future leaders in the healthcare industry. ****COURSE LEARNING OUTCOMES (CLOs)**** At the successful conclusion of this course students will: 1. Apply the appropriate skills or techniques to participate effectively as a team member or leader. 2. Demonstrate the skills needed to facilitate a group and motivate individuals to work in teams. 3. Devise plans that incorporate practical management strategies, human resources principles, and data management principles. Prerequisites: Admission to the Master's of Healthcare Administration program. SU.

HLTH 6006. Social Determinants of Health. 3 Hours.

Social Determinants of Health is an insightful three-credit-hour professional development course designed to equip early-career healthcare professionals pursuing a Master of Health Administration (MHA) with a comprehensive understanding of the diverse factors influencing health outcomes. Over 14 weeks, students will explore the multifaceted aspects of social determinants of health and their significant impact on patient well-being. The course aims to introduce participants to the complexities of addressing health disparities and promoting health equity in healthcare settings through an integrated approach. By delving into the various facets of healthcare related to health outcomes, students will develop the expertise to advocate for and implement strategies that foster positive health outcomes and improve overall population health. *****COURSE LEARNING OUTCOMES (CLOs)** At the successful conclusion of this course students will: 1. Determine how social and economic factors influence individual and community health and disease. 2. Synthesize cultural competency and diversity to improve health status. 3. Evaluate the health status of a population or individual using appropriate measures of health. 4. Assess the effectiveness of local, national, and global measures to reduce health disparities. Prerequisites: Admission to the Master's in Healthcare Administration program. SP.

HLTH 6007. Healthcare Operations. 3 Hours.

Healthcare Operations is a comprehensive three-credit-hour course designed to equip early career healthcare professionals pursuing a Master of Health Administration (MHA) with essential knowledge and skills in various aspects of healthcare operations. Over 14 weeks students will delve into the intricacies of healthcare delivery resource management and process optimization. The course aims to introduce participants to the multifaceted facets of healthcare operations enabling them to identify and implement strategies for enhancing efficiency quality and patient outcomes within healthcare organizations. Through an integrated approach students will gain valuable insights into the dynamic landscape of healthcare operations positioning them for success as future leaders in the ever-evolving healthcare industry. **COURSE LEARNING OUTCOMES (CLOs)** At the successful conclusion of this course students will: 1. Apply key operations management theories and concepts to analyze and address real-world challenges in healthcare operations management. 2. Evaluate the processes and factors influencing healthcare operations, including environmental, operational, and functional components. 3. Demonstrate how various operations management frameworks can influence the relative value and quality of healthcare service. 4. Evaluate the role of budgeting and financial performance in ensuring effective healthcare operations management. Prerequisites: Admission to the Master's of Healthcare Administration program. SP.

HLTH 6008. Healthcare Leadership and Ethics. 3 Hours.

Healthcare Leadership and Ethics is an engaging three-credit-hour course designed to equip early-career healthcare professionals pursuing a Master of Health Administration (MHA) with essential knowledge and skills in healthcare leadership and ethical decision-making. Over 14 weeks, students will explore the multifaceted aspects of leadership in healthcare organizations, fostering effective communication, team collaboration, and organizational culture. The course aims to introduce participants to the complexities of ethical dilemmas in healthcare, guiding them in developing principled leadership practices that prioritize patient well-being and organizational integrity. Through an integrated approach, students will gain valuable insights into the dynamic landscape of healthcare leadership and ethics, preparing them to navigate the challenges and opportunities inherent in leading ethically responsible healthcare teams. **COURSE LEARNING OUTCOMES (CLOs)** At the successful conclusion of this course students will: 1. Employ principle-based leadership in decision-making and operations. 2. Engage in crucial conversations while demonstrating emotional intelligence. 3. Demonstrate the ability to be flexible and think creatively in a changing environment. Prerequisites: Admission to the Master's in Healthcare Administration program. SP.

HLTH 6009. Healthcare Financial Analysis. 3 Hours.

Healthcare Financial Analysis is an in-depth three-credit-hour course designed to equip early-career healthcare professionals pursuing a Master of Health Administration (MHA) with essential healthcare finance and accounting knowledge and skills. Over 14 weeks, students will explore the multifaceted aspects of financial analysis in healthcare organizations, including revenue cycle management and health plans. The course aims to introduce participants to the intricacies of healthcare financial management, enabling them to interpret financial statements, analyze revenue operations, and make informed financial decisions. Through an integrated approach, students will gain valuable insights into the dynamic landscape of healthcare financial analysis, positioning them for success as future leaders in the ever-evolving healthcare industry. **COURSE LEARNING OUTCOMES (CLOs)** At the successful conclusion of this course students will: 1. Evaluate and critique the roles and responsibilities of finance that healthcare organizations and managers can use for effective decision-making. 2. Construct spreadsheets and financial reports used for monitoring, control, reporting, and oversight in applying basic financial management skills. 3. Demonstrate the concepts of capital budgeting and investment and long-term financing decisions and options. Prerequisites: Admission to the Master's of Healthcare Administration program. FA.

HLTH 6010. Health Law. 3 Hours.

Healthcare Law is a comprehensive three-credit-hour course designed to equip early-career healthcare professionals pursuing a Master of Health Administration (MHA) with essential knowledge and skills in healthcare law and contract negotiation. Over 14 weeks, students will explore the multifaceted aspects of legal principles and regulations in healthcare settings. The course aims to introduce participants to the complexities of healthcare law, contract negotiation, and compliance requirements. Through an integrated approach, students will gain valuable insights into the dynamic landscape of healthcare legal and contractual issues, positioning them for success as future leaders in the ever-evolving healthcare industry. **COURSE LEARNING OUTCOMES (CLOs)** At the successful conclusion of this course students will: 1. Create critical arguments for contemporary ethical dilemmas within the health industry that utilize ethical frameworks. 2. Describe the historical and philosophical origins of diverse thoughts and actions related to common ethical dilemmas within the health industry. 3. Explain the evolution of health industry laws and legal processes and their implications for current and emerging issues. 4. Evaluate case applications of common laws that impact the health industry. Prerequisites: Admission to the Master's in Healthcare Administration. SP.

HLTH 6012. Healthcare Strategic Management. 3 Hours.

Healthcare Strategic Management is an intensive three-credit-hour course designed to equip early-career healthcare professionals pursuing a Master of Health Administration (MHA) with essential knowledge and skills in strategic management for healthcare organizations. Over 14 weeks, students will explore the multifaceted aspects of healthcare strategy, including strategic planning, implementation, and evaluation. The course aims to introduce participants to the complexities of strategic decision-making in healthcare settings, enabling them to analyze the healthcare landscape, develop effective organizational strategies, and navigate the challenges and opportunities inherent in healthcare strategic management. Through an integrated approach, students will gain valuable insights into the dynamic landscape of healthcare strategy, positioning them for success as future leaders in the ever-evolving healthcare industry. **COURSE LEARNING OUTCOMES (CLOs)** At the successful conclusion of this course students will: 1. Define and differentiate healthcare managers' roles, responsibilities, and necessary competencies. 2. Compare and contrast management and leadership principles and describe the impact on employee motivation and organizational culture. 3. Create a strategic plan for a healthcare organization, including human resources, marketing quality improvement, IT, finances, and community needs. Prerequisites: Admission to the Masters of Healthcare Administration program. SP.

HLTH 6013. Healthcare Administrative Internship. 3 Hours.

The Healthcare Internship is an immersive three-credit-hour course designed to provide early-career healthcare professionals pursuing a Master of Health Administration (MHA) with hands-on experience to practice what they have learned in real-world healthcare settings. Over 14 weeks, students will embark on a practical journey to apply their theoretical knowledge in diverse facets of healthcare, including strategic management, operations, leadership, and more. The course aims to introduce participants to the complexities of healthcare practice, allowing them to engage with healthcare professionals, leaders, and patients while honing their strategic decision-making and problem-solving skills. Through this internship experience, students will gain valuable insights into the dynamic landscape of healthcare, equipping them for success as future leaders in the ever-evolving healthcare industry. ****COURSE LEARNING OUTCOMES (CLOs)**** At the successful conclusion of this course students will: 1. Observe real-life practice and provide an opportunity to demonstrate mastery. 2. Apply knowledge and skills within a health organization. 3. Demonstrate program competencies while completing an agreed-upon project for a health organization. Prerequisites: Admission to the Master of Healthcare Administration. SU.

HLTH 6014. Research Seminar. 3 Hours.

The Healthcare Research Seminar is an immersive three-credit-hour course designed to provide early-career healthcare professionals pursuing a Master of Health Administration (MHA) with comprehensive knowledge and practical skills in healthcare research. Over 14 weeks, students will engage in diverse research activities, exploring various facets of healthcare research and its significance in the healthcare industry. The course aims to introduce participants to the complexities of healthcare research, enabling them to develop critical research skills, analyze data, and contribute to evidence-based decision-making in healthcare organizations. Through this seminar, students will gain valuable insights into the dynamic landscape of healthcare research, positioning them for success as future leaders in the ever-evolving healthcare industry. ****COURSE LEARNING OUTCOMES (CLOs)**** At the successful conclusion of this course students will: 1. Understand the significance of research in advancing evidence-based practice. 2. Develop a research proposal for data collection analysis and interpretation for research projects. 3. Understand and implement ethical considerations in healthcare research. Prerequisites: Admission to the Master of Healthcare Administration program. SP.

HLTH 6015. Biostatistics and Epidemiology. 3 Hours.

Healthcare Biostatistics and Epidemiology is a comprehensive three-credit-hour course designed to provide early-career healthcare professionals pursuing a Master of Health Administration (MHA) with essential knowledge and practical skills in biostatistics and epidemiology. Over 14 weeks, students will engage in diverse activities to understand prevalence, disease, morbidity, and mortality in healthcare settings. The course aims to introduce participants to the fundamental principles and techniques of biostatistics and epidemiology, enabling them to critically analyze healthcare data, interpret epidemiological findings, and apply evidence-based approaches to public health and healthcare decision-making. Through this course, students will gain valuable insights into the dynamic landscape of biostatistics and epidemiology, positioning them for success as future leaders in evidence-based healthcare. ****COURSE LEARNING OUTCOMES (CLOs)**** At the successful conclusion of this course students will: 1. Interpret the significance of biostatistics and epidemiology in healthcare research and decision-making. 2. Analyze central tendency and variability measures, probability distributions, confidence intervals, and hypothesis testing in healthcare datasets and data analysis. 3. Explore the integration of biostatistical and epidemiological findings into healthcare practice. Prerequisites: Admission to the Master of Healthcare Administration program. FA.

HLTH 6016. Study Abroad. 3 Hours.

Healthcare Study Abroad is an enriching three-credit-hour course that offers MHA students a unique and immersive learning experience in Uganda. Over 14 weeks, students will embark on a month-long journey to Uganda, where they will actively engage in community-based participant research, focusing on addressing social determinants of health (SDOH) in the context of refugee camps. This transformative course aims to introduce students to the challenges and opportunities in a diverse healthcare setting while fostering cross-cultural understanding and capacity building. Through meaningful activities, participants will conduct research, collaborate with local communities, and contribute to initiatives that empower healthcare outcomes and resilience in Uganda's refugee camps. Upon completion of the in-country experience, students will synthesize their findings into a final project, reflecting on their discoveries and insights gained during this transformative study abroad opportunity. ****COURSE LEARNING OUTCOMES (CLOs)**** At the successful conclusion of this course students will: 1. Consider the significance of participant-based research and SDOH in healthcare. 2. Collaborate with local healthcare professionals and organizations to build capacity. 3. Express personal growth and cultural awareness gained. Prerequisites: Admission to the Masters of Healthcare Administration. SU.

HLTH 6017. Population and Public Health Informatics. 3 Hours.

Population and Public Health Informatics is an immersive three-credit-hour course that introduces early-career healthcare professionals pursuing a Master of Health Administration (MHA) to applying informatics in addressing public and population health challenges. Over 14 weeks, students will engage in activities exploring how informatics is utilized in healthcare to collect, manage, and analyze data for finding health solutions for diverse populations. The course will equip participants with essential knowledge and skills to leverage informatics tools and technologies to enhance population health management, disease surveillance, and public health interventions. Through practical applications and data-driven approaches, students will gain valuable insights into the dynamic landscape of population and public health informatics, positioning them for success as future leaders in the ever-evolving healthcare industry. ****COURSE LEARNING OUTCOMES (CLOs)**** At the successful conclusion of this course students will: 1. Understand the significance of informatics in addressing public and population health challenges. 2. Understand strategies for data standardization and interoperability. 3. Analyze technological advancements and their impact on public health. Prerequisites: Admission to the Master of Healthcare Administration program. FA.

HLTH 6018. Data in Healthcare. 3 Hours.

Data in Health Care is a comprehensive three-credit-hour course designed to provide early career healthcare professionals pursuing a Master of Health Administration (MHA) with essential knowledge and practical skills in utilizing data in healthcare. Over 14 weeks, students will engage in activities that explore how data is collected, stored, searched, shared, and analyzed in healthcare settings. The course aims to equip participants with a deep understanding of the challenges and opportunities in managing big data, including electronic health records, clinical notes, medical imaging data, genetic data, pharmacy data, and administrative data (ICD-10 codes and billing data). Through hands-on activities and practical applications, students will gain valuable insights into the dynamic landscape of healthcare data management, positioning them for success as future leaders in the ever-evolving healthcare industry. ****COURSE LEARNING OUTCOMES (CLOs)**** At the successful conclusion of this course students will: 1. As early-career healthcare professionals understand key data concepts. 2. Analyze data sharing challenges and ethical considerations. 3. Understand data standardization and interoperability. Prerequisites: Admission to the Master of Healthcare Administration program. FA.

HLTH 6019. Foundations of Health Informatics. 3 Hours.

Foundations of Healthcare Informatics is an immersive three-credit-hour course designed to introduce early-career healthcare professionals pursuing a Master of Health Administration (MHA) to health informatics fundamental principles and applications in healthcare. Over 14 weeks, students will comprehensively explore how informatics is utilized in healthcare settings. The course will equip participants with essential knowledge and skills to understand and leverage informatics tools and technologies to enhance healthcare delivery, data management, and patient outcomes. Through hands-on activities and practical applications, students will gain valuable insights into the dynamic landscape of health informatics, positioning them for success as future leaders in the ever-evolving healthcare industry. ****COURSE LEARNING OUTCOMES (CLOs)**** At the successful conclusion of this course students will: 1. Analyze electronic health records (EHRs) and their impact on patient care. 2. Understand data management and interoperability in EHR systems. 3. Synthesize learnings to apply health informatics concepts in real-world healthcare settings. Prerequisites: Admission to the Master of Healthcare Administration program. FA.

HLTH 6020. Healthcare Innovation and Entrepreneurship. 3 Hours.

Healthcare Innovation and Entrepreneurship is an immersive three-credit-hour course designed to provide MHA students with a dynamic exploration of healthcare innovation and entrepreneurship. Over 14 weeks, students will engage in activities focusing on problem identification, innovative solution design, and eventually pitching the business concept to potential investors in the healthcare space. The course aims to equip participants with essential knowledge and practical skills to drive innovation in healthcare, fostering entrepreneurial thinking and transformative problem-solving. Through hands-on activities and real-world projects, students will gain valuable insights into the dynamic landscape of healthcare innovation and entrepreneurship, positioning them for success as future leaders in the ever evolving healthcare industry. ****COURSE LEARNING OUTCOMES (CLOs) **** At the successful conclusion of this course students will: 1. Analyzing the importance of user-centered design and prototyping in innovation. 2. Analyzing intellectual property considerations and protection strategies. 3. Exploring strategies for addressing ethical challenges in healthcare entrepreneurship. Prerequisites: Admission to the Master of Healthcare Administration program. SP.

HLTH 6021. HIT Integration, Interoperability Standards. 3 Hours.

HIT Integration, Interoperability Standards is an in-depth three-credit-hour course designed to provide MHA students with a comprehensive understanding of healthcare information technology (HIT) standards and interoperability. Over 14 weeks, students will engage in activities exploring how data is used in healthcare, focusing on key standards such as IHE initiative, HL7, DICOM, CCOW, and others. The course will also cover the role of non-medical standards (HTTP, XML, etc.) in biomedical informatics, policy issues related to data exchange between institutions, use of service-oriented architecture (SOA), enterprise business integration, and HIPAA policies and standards. Through practical applications and hands-on activities, students will gain valuable insights into the dynamic landscape of HIT integration and interoperability, positioning them for success as future leaders in the ever-evolving healthcare industry. ****COURSE LEARNING OUTCOMES (CLOs)**** At the successful conclusion of this course students will: 1. Analyze the importance of HL7 (Health Level Seven) standards in healthcare data exchange. 2. Understand the integration of IHE and HL7 in healthcare IT systems. 3. Analyze the role of DICOM in imaging data exchange and interoperability. Prerequisites: Admission to the Master of Healthcare Administration program. SP.