CAHP 310 MEDICAL TERMINOLOGY 2 Credit Hours
Students planning on entering a healthcare career need to be introduced to medical language. This course will serve an introduction as it teaches students to analyze the basic word structure of medical terms. Students will learn the meaning of individual parts, common prefixes and suffixes, as well as combining vowels. Students will be able to understand new terms knowing the meanings of individual parts, prefixes, suffixes, and how medical terms are structured.
Typically Offered: SPRING

CAHP 413 STATISTICS FOR THE HEALTH CARE PROFESSIONAL 3 Credit Hours
This upper level course in the College of Allied Health Professions is designed to provide allied health professions students with an overview of biostatistical methods needed in the design of medical studies and the analysis of healthcare data. The major topics to be covered include types of data, descriptive statistics and plots, theoretical distributions, probability, estimation, hypothesis testing, and one-way analysis of variance. A brief introduction to correlation and univariate linear regression will also be given. The course is intended for health professions students to gain an understanding of basic statistical methods for both continuous and dichotomous data.
Prerequisite: Permission of instructor.
Typically Offered: FALL

CAHP 415 COMMUNICATION AND CULTURE IN HEALTHCARE 3 Credit Hours
Communication and Cultural in Healthcare is an upper-level course for allied health professions students and other interested students that facilitates an understanding of the role of culture and diversity in the healthcare arena and explores the ethical and legal implications of these situations. The course enables students to explore the value of diversity in our society through self-examination of their own beliefs, values and biases. Students will evaluate the dynamics involved when cultures interact and apply this to the healthcare setting. The course will include an in-depth assessment of the Culturally and Linguistically Appropriate Services [CLAS] standards and the cultural competency responsibilities of healthcare organizations.
Prerequisite: Admission in the UNMC College of Allied Health Professions and/or current registration/certification in an allied health profession or permission of the instructor.
Cross List: CAHP 615.
Instructor: Janice Tompkins, MPH, MT(ASCP) Christina Gregg, BS, CNMT, RT(R)(N)(CT)
Typically Offered: SUMMER

CAHP 416 CHILD LIFE IN HEALTH CARE 3 Credit Hours
Content will include an overview of the medical conditions and treatments commonly encountered by children and adolescents in healthcare settings and their typical reactions to them. Introduction to the philosophy and the role of the child life profession and as a part of the health care team. Students will be introduced to a variety of skills such as preparation, distraction, the role of play/adaptive play, and assessment skills. Additionally students will learn about child life's role in bereavement situations, working with children of adult patients, grief, and working with multicultural populations. Some classroom work will include hands-on experience with simulated patients in our simulation clinic and hospital classrooms, providing an opportunity to interact with actual medical equipment.
Prerequisite: Must have completed a minimum of three child development courses.
Typically Offered: SUMMER

CAHP 420 FOUNDATIONS OF INFORMATION TECHNOLOGY IN HEALTHCARE 2 Credit Hours
The online course provides an introductory overview and application of information technology in healthcare to improve learner understanding of the following key tenets: health informatics, electronic health records, healthcare data analytics, ethics and safety, computer and network architecture, information privacy and security, telemedicine, and medical imaging informatics. This course follows an accelerated 8-week format beginning at the start of each semester.
Prerequisite: Enrollment in the Radiography or Degree Advancement Option Programs or by instructor permission
Instructor: Tammy Webster, PhD, MPA, RT(R)(M), FAEIRS
Typically Offered: FALL/SP/SU

CAHP 422 PRINCIPLES OF EDUCATION FOR HEALTH CARE PROFESSIONALS 2 Credit Hours
The purpose of this course is to introduce the student to the principles of education for the purposes of preparing health care professionals to fulfill the role of clinical instructor and/or program director for their specific clinical discipline. The topics to be covered include curriculum development, the use of terminal objectives, developing test questions, preparation of lesson plans and assignments, and the development of audiovisual materials for didactic instruction.
Typically Offered: SPRING

CAHP 423 PRINCIPLES OF CRITICAL INQUIRY 2 Credit Hours
This course is designed to develop the students' abilities to critically analyze and interpret research. The primary focus will be on evidence-based practice, research designs, statistical methods, and critically analyzing research papers.
Prerequisite: Enrollment in a CAHP program or instructor permission.
Cross List: CAHP 723.
Typically Offered: FALL/SP/SU
CAHP 426 HEALTH CARE ETHICS AND CRITICAL THINKING 3 Credit Hours
This upper level course introduces ethical issues that Allied Health professionals can expect to encounter during their education and career. It covers such areas of concern as confidentiality, informed consent, responsible practice, professionalism, culture differences, handling mistakes, difficult cases, and key legal aspects of these issues. To assist students in resolving issues, the course identifies and applies key principles of critical thinking. The course trains students in the use of these principles in ethics and professionalism. The course is designed to improve the ability of students to reason soundly in professional ethics, to be familiar with the health professional ethics literature, and to communicate clearly about ethical values, integrity, and judgement. Prerequisite: Enrollment in a CAHP program. Cross List: CAHP 626. Typically Offered: FALL/SPR

CAHP 430 SCANNING HEALTH CARE ENVIRONMENT 3 Credit Hours
This upper level course in the College of Allied Health Professions is designed to provide allied health professions students with an overview of health care delivery in the United States. The course will explore many factors that influence the delivery of health care, including the determinants of health, the financing of health care, and various health care settings. The course will examine the evolution of health care in the United States and will project issues that will affect health care in the future. Allied health professionals are affected by such changes in both their personal and professional lives. It will be the challenge of health care professionals of the future to consider the value of Medicare and Medicaid, the handling of insurance issues, the creation of policy governing health care delivery and the reduction of health care disparities. This course is designed to assist students in gaining an understanding of why change is occurring, recognizing trends in their particular professional environment and identifying strategies to affect the changes to assure patients access to quality care in an economical environment. Cross List: CAHP 630. Instructor: Janice Tompkins, MPH, MT(ASCP) Christina Gregg, BS, CNMT, RT(R)(N) Typically Offered: FALL

CAHP 431 MANAGEMENT IN HEALTH CARE 3 Credit Hours
This course introduces allied health students and practitioners to the concepts of organizational theory and behavior as they apply to health care settings. The topics to be covered include personality types in the workplace, leadership and management, the principles of employee motivation, team performance and development, organizational culture, planning and implementing organizational change, human resource management practices, continuous quality improvement, financial management, and risk management. Typically Offered: FALL/SPR

CAHP 433 SPECIAL PROJECT IN MANAGEMENT 1 Credit Hour
This is an independent study project course focusing on management projects in the specific allied health disciplines. Included in this course are literature reviews and individual or team-focused projects relating to management functions and performance improvement. Students work will be supervised and evaluated by department administrators and division faculty members. Prerequisite: CAHP 431. Cross List: CAHP 533. Typically Offered: SUMMER

CAHP 441 CLINICALLY ORIENTED GROSS ANATOMY 4 Credit Hours
Clinically Oriented Gross Anatomy is a 4-5 week summer course that explores human cadaveric anatomy, presenting all functional systems through a regional approach. This course utilizes a wide variety of imaging modalities and clinical correlations to reinforce the relevance and utility of gross anatomy in the health professions. The sequence of didactic material has been adapted to correlate with the group dissection laboratories. Typically Offered: SUMMER

CAHP 445 CLINICALLY ORIENTED HUMAN ANATOMY I 3 Credit Hours
This is the first semester of a 2 semester clinically oriented human anatomy course (CAHP 445-3 credit hours in the fall semester and CAHP 446-2 credit hours in the spring semester). The content of the two courses includes human anatomy presented in a systems approach that utilizes a wide variety of imaging modalities and clinical correlations to understand gross anatomy with cell biology, histology, embryology and neuroanatomy followed by a review applying the information to anatomic regions of the human body. The sequence of the units has been adapted to correlate with the MITS Human Physiology 352 and 353 courses. Prerequisite: Enrollment in the Radiography program. Typically Offered: FALL

CAHP 446 CLINICALLY ORIENTED HUMAN ANATOMY II 2 Credit Hours
This is the second semester of a 2 semester clinically oriented human anatomy course (CAHP 445-3 credit hours in the fall semester and CAHP 446-2 credit hours in the spring semester). The content of the two courses includes human anatomy presented in a systems approach that utilizes a wide variety of imaging modalities and clinical correlations to understand gross anatomy with cell biology, histology, embryology and neuroanatomy followed by a review applying the information to anatomic regions of the human body. The sequence of the units has been adapted to correlate with the MITS Human Physiology 352 and 353 courses. Prerequisite: Enrollment in the Radiography program. Typically Offered: SPRING

CAHP 452 HUMAN ANATOMY & PHYSIOLOGY I 4 Credit Hours
The Human Anatomy and Physiology I presents human anatomy and physiology, organized by systems. This course is designed as entry level AP that purposely utilizes a wide variety of imaging modalities to apply a clinical relevance to basic science content. Prerequisite: Intro to Biology course is recommended or Instructor permission. Cross List: CAHP 662. Typically Offered: FALL

CAHP 453 HUMAN ANATOMY & PHYSIOLOGY II 4 Credit Hours
The Human Anatomy and Physiology II is a continuation of the Human Anatomy and Physiology I course. It presents human anatomy and physiology, organized by systems. This course is designed as entry level Anatomy and Physiology course that purposely utilizes a wide variety of imaging modalities to apply a clinical relevance to basic science content. Prerequisite: CAHP 462/662 or Instructor permission. Typically Offered: SPRING
CAHP 515 COMMUNICATION & CULTURAL COMPETENCY 2 Credit Hours
Cultural Competence and Communication is an upper-level course for allied health professions students and other interested students to facilitate an understanding of the role of cultural competence in the healthcare arena and explore the ethical and legal implications of this topic. The course will begin by helping the student understand the value of diversity in our society. Secondly, the course will allow the student to make self-examination of their own beliefs, values and biases. This will be followed by the dynamics involved when two cultures interact. Students will examine specific cultural characteristics as they apply to healthcare and propose ways of adapting diversity to the delivery of health care. The course will include an in-depth assessment of the Culturally and Linguistically Appropriate Services [CLAS] standards and cultural competency information available to healthcare organizations.
Cross List: CAHP 415.
Typically Offered: SUMMER

CAHP 533 SPECIAL PROJECT IN MANAGEMENT 1 Credit Hour
This is an independent study project course focusing on management projects in the specific allied health disciplines. Included in this course are literature reviews and individual or team-focused projects relating to management functions and performance improvement. Students work will be supervised and evaluated by department administrators and division faculty members.
Prerequisite: CAHP 531.
Cross List: CAHP 433.
Typically Offered: SUMMER

CAHP 615 COMMUNICATION AND CULTURE IN HEALTHCARE 3 Credit Hours
Communication and Cultural in Healthcare is an upper-level course for allied health professions students and other interested students that facilitates an understanding of the role of culture and diversity in the healthcare arena and explores the ethical and legal implications of these situations. The course enables students to explore the value of diversity in our society through self-examination of their own beliefs, values and biases. Students will evaluate the dynamics involved when cultures interact and apply this to the healthcare setting. The course will include an in-depth assessment of the Culturally and Linguistically Appropriate Services [CLAS] standards and the cultural competency responsibilities of healthcare organizations.
Prerequisite: Admission in the UNMC College of Allied Health Professions and/or current registration/certification in an allied health profession or permission of the instructor.
Cross List: CAHP 415.
Instructor: Janice Tompkins, MPH, MT(ASCP) Christina Gregg, BS, CNMT, RT(R)(N)(CT)
Typically Offered: SUMMER

CAHP 626 HEALTH CARE ETHICS AND CRITICAL THINKING 3 Credit Hours
This upper level course introduces ethical issues that Allied Health professionals can expect to encounter during their education and career. It covers such areas of concern as confidentiality, informed consent, responsible practice, professionalism, culture differences, handling mistakes, difficult cases, and key legal aspects of these issues. To assist students in resolving issues, the course identifies and applies key principles of critical thinking. The course trains students in the use of these principles in ethics and professionalism. The course is designed to improve the ability of students to reason soundly in professional ethics, to be familiar with the health professional ethics literature, and to communicate clearly about ethical values, integrity, and judgement.
Prerequisite: Enrollment in a CAHP program.
Cross List: CAHP 426.
Typically Offered: FALL/SPR

CAHP 630 SCANNING HEALTH CARE ENVIRONMENT 3 Credit Hours
This upper level course in the College of Allied Health Professions is designed to provide allied health professions students with an overview of health care delivery in the United States. The course will explore many factors that influence the delivery of health care, including the determinants of health, the financing of health care, and various health care settings. The course will examine the evolution of health care in the United States and will project issues that will affect health care in the future. Allied health professionals are affected by such changes in both their personal and professional lives. It will be the challenge of health care professionals of the future to consider the value of Medicare and Medicaid, the handling of insurance issues, the creation of policy governing health care delivery and the reduction of health care disparities. This course is designed to assist students in gaining an understanding of why change is occurring, recognizing trends in their particular professional environment and identifying strategies to affect the changes to assure patients access to quality care in an economical environment.
Cross List: CAHP 430.
Instructor: Janice Tompkins, MPH, MT(ASCP) Christina Gregg, BS, CNMT, RT(R)(N)
Typically Offered: FALL

CAHP 631 MANAGEMENT IN HEALTH CARE 3 Credit Hours
This course introduces allied health students and practitioners to the concepts of organizational theory and behavior as they apply to health care settings. The topics to be covered include personality types in the workplace, leadership and management, the principles of employee motivation, team performance and development, organizational culture, planning and implementing organizational change, human resource management practices, continuous quality improvement, financial management, and risk management.
Typically Offered: FALL/SPR

CAHP 662 HUMAN ANATOMY & PHYSIOLOGY I 4 Credit Hours
The Human Anatomy and Physiology I presents human anatomy and physiology, organized by systems. This course is designed as entry level AP that purposely utilizes a wide variety of imaging modalities to apply a clinical relevance to basic science content.
Prerequisite: Instructor permission.
Cross List: CAHP 462.
Typically Offered: FALL
CAHP 663 HUMAN ANATOMY & PHYSIOLOGY II 4 Credit Hours
The second course in a comprehensive two semester series (sections I and II) designed to provide the student with a basic understanding of human anatomy and physiology including an introduction to cadaver anatomy and clinical correlations. The course is designed to meet the requirements as a pre-requisite for health science and allied health professions. The course is also designed for use within a baccalaureate level allied health profession curriculum. Students are expected to complete both section I and II for a total of 8 credit hours as a pre-requisite or requisite for most allied health profession programs.
Prerequisite: CAHP 462/662 or Instructor permission.
Cross List: CAHP 463.
Typically Offered: SPRING

CAHP 723 PRINCIPLES OF CRITICAL INQUIRY 2 Credit Hours
This course is designed to develop the students’ abilities to critically analyze and interpret research. The primary focus will be on evidence-based practice, research designs, statistical methods, and critically analyzing research papers.
Prerequisite: Enrollment in a CAHP program or instructor permission.
Cross List: CAHP 423.
Typically Offered: FALL/SP/SU