

HEALTH SCIENCES (HSC)

HSC-103 Studies in Health Sciences (1-3)

Provides individual guidance to students returning to the program who need to update specific knowledge or skill through assignments, readings, papers, seminars, lab competencies or clinic experiences. This course is not intended for those who were previously unsuccessful in a particular course. Arts & Sciences Elective Code: B; Comments: Permission of instructor or coordinator
Hours per week: 1.0 lecture

HSC-107 Professionals in Health (2)

Presents skills and characteristics expected for professional preparation and employability. Provides an overview of the health industry as it relates to health and safety regulations. Arts & Sciences Elective Code: B
Hours per week: 2.0 lecture

HSC-115 Medical Terminology (4)

A comprehensive study of medical terminology as the language of medicine. Analyzes words by dividing them into component parts. Relates the medical terms to the structure and functional pathology of diseases and current medical procedures. Emphasizes word usage, abbreviations, pronunciation and spelling. Arts & Sciences Elective Code: B
Hours per week: 4.0 lecture

HSC-117 Basic Medical Terminology (2.5)

Introduces basic word structure and terminology pertaining to body systems. Includes spelling, pronunciation and word usage. Provides a basic overview of disease process, symptoms, anatomy, special procedures, pharmacology and abbreviations. Arts & Sciences Elective Code: B
Hours per week: 2.5 lecture

HSC-118 Academic Success in Healthcare (1)

Helps students interested in health services fields identify and pursue a major that will lead to employment in the healthcare industry. Identifies students' strengths and interests while exploring options in health-related professions. Defines the pathways to a certificate, diploma, or degree based on identified strengths and interests. Discusses barriers to personal plan completion. Reinforces academic skills leading to success. Arts & Sciences Elective Code: B
Hours per week: 1.0 lecture

HSC-160 Healthcare Communication and Comprehension (3)

Simulates clinical and workplace situations for non-native English speakers in health programs. Teaches basic health vocabulary and procedures, and introduces the culture of the health workplace. Improves non-native speakers' comprehension and comprehensibility during clinical experiences. Arts & Sciences Elective Code: B
Hours per week: 3.0 lecture

HSC-162 Health Support Professional (3.5)

Provides an introduction to key skills needed to be a direct care worker. Includes core, personal activities of daily living, and health monitoring and maintenance. Requires passage of CORE by 70 percent or better to proceed into the HMM (Health Monitoring & Maintenance) and PADL (Personal Activities of Daily Living) modules. Arts & Sciences Elective Code: B
Hours per week: 2.0 lecture, 3.0 lab

HSC-168 Nurse Aide (3.5)

Required to meet the training requirements for nurse aides in long-term care facilities. Emphasizes achievement of a basic level of knowledge and demonstration of skills to provide safe and effective resident care. The course includes 30 hours of clinical experience in a long term care facility, supervised by an RN. Arts & Sciences Elective Code: B
Hours per week: 2.0 lecture, 1.5 lab, 2.25 clinical

HSC-189 Introduction to Nursing (4)

Focuses on professional role development of the student nurse. Emphasizes five modules: the nursing profession, health care competencies, health care delivery, skills and care planning. Reviews the nursing profession, history, current trends and future of nursing, influences on the profession, educational tracks, professional nursing organizations, and legal/ethical concerns. Develops basic understanding of health care competencies through implementation of the Institute of Medicine (IOM) and Quality and Safety in Nursing Education (QSEN) competencies. Introduces health care delivery concepts including systems, policy and finance, reform, health care disparities, global health, health promotion, informatics and patient education. Introduces skills including medical terminology, professional writing skills, therapeutic communication and care planning. Arts & Sciences Elective Code: B; Comments: CNA or HSP required. HSC-189 must be taken within two semesters of admission to PN technical.
Hours per week: 3.0 lecture, 2.0 lab

Prerequisite: Minimum C in ENG-105, ENG-106 or ENG-120. Minimum C in MAT-052, MAT-076, MAT-107, or higher math course, score 30 on ALEKS, or score 19 on ACT. Minimum B- in BIO-168. Minimum B- in BIO-168 within the last 5 years. CNA, LPN or HSP. Program GPA 2.5 or higher. Program conference attended within 2 years from date of attempt to register. Less than 15 remaining prereq credits including in-progress classes. If not a native English speaker, TOEFL score 86 or higher.

HSC-205 Exploration of Healthcare Careers (3)

Explores multiple aspects of health care and careers in the health field. Covers the past, present and future of health care. Introduces key career cluster terms and career pathways within each career cluster. Provides career information, including education required for each area, educational costs to attain a degree versus expected career earnings, job descriptions, case studies and skills needed for specific career areas. Results in BLS CPR certification upon successful completion. Arts & Sciences Elective Code: B
Hours per week: 3.0 lecture

HSC-210 Health Skills I (1)

Introduces basic patient care skills: infection control techniques, measuring and recording vital signs, and body mechanics. Laboratory practice and skill achievement is required. Arts & Sciences Elective Code: B
Hours per week: 0.5 lecture, 1.0 lab

HSC-224 Geriatric Specialist (3)

Focuses on development of competencies needed to care for geriatric residents in nursing homes or other medical facilities under the direction of nursing and medical staff. Incorporates expanded knowledge of age related changes in maximizing functional status related to mobility and nutritional well-being while demonstrating respect and maintaining resident dignity in all aspects of care. Incorporates basic knowledge related to medications and effects on the aging adult while monitoring status and implementing strategies to prevent decline and maximize well-being. Arts & Sciences Elective Code: B

Hours per week: 3.0 lecture

Prerequisite: Must have taken the certified nurse assistant (CNA) course with clinical and attained CNA certification, be listed in the Iowa Direct Care Worker Registry, and meet a minimum CNA work hour requirement.