ALLIED HEALTH SCIENCES  
(AHS)

AHS 11001 PERSONAL TRAINING, WELLNESS AND EXERCISE  
3 Credit Hours  
Theoretical and practical competencies required of a qualified personal trainer, including exercise, nutrition and wellness concepts that are immediately applicable to improve personal lifestyle decisions. Receive hands on experience in training, instruction and professional skill development. Upon completion students are qualified to sit for the personal trainer certification exam administered by the National Council on Strength and Fitness (NCSF).  
Prerequisite: None.  
Schedule Type: Combined Lecture and Lab  
Contact Hours: 2 lecture, 2 lab  
Grade Mode: Standard Letter  

AHS 12000 BASIC PRINCIPLES OF PHARMACOLOGY  
2 Credit Hours  
Identify and apply the basic principles of pharmacology to client care. Explore pharmaceutics, pharmacokinetics, pharmacodynamics, pharmacology-related math, drug classification, and safe preparation and administration of medications.  
Prerequisite: Nursing technology (NRST), nursing (NURS), physical therapist assistant technology (PTST), occupational therapist assistant technology (OCAT), radiologic technology (RADT) or respiratory therapy technology (RTT) major.  
Schedule Type: Lecture  
Contact Hours: 2 lecture  
Grade Mode: Standard Letter  

AHS 12005 CONCEPTS IN LIFESPAN DEVELOPMENT  
3 Credit Hours  
Developmental theories and assessment measures throughout the lifespan, with application to the rehabilitation client.  
Prerequisite: PSYC 11762.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  

AHS 12010 PROFESSIONALISM IN HEALTHCARE  
1 Credit Hour  
Provides information concerning the professional behaviors and communication skills necessary for all healthcare providers to effectively interact with clients, related healthcare professionals and others. Students will gain an understanding of the importance of being professional, ethical and competent in their fields.  
Schedule Type: Seminar  
Contact Hours: 1 other  
Grade Mode: Standard Letter  

AHS 14016 PATIENT CARE MANAGEMENT  
2 Credit Hours  
Ethical and legal aspects, interpersonal communication, history taking, physical assistance and monitoring, medical emergencies, infection control, aseptic and non-septic techniques, patient tubes and lines, safe patient movement and handling techniques, immobilization techniques, vital signs, and pharmacology are topics covered. Some activities are done in the lab setting.  
Prerequisite: Special approval.  
Schedule Type: Combined Lecture and Lab  
Contact Hours: 1 lecture, 2 lab  
Grade Mode: Standard Letter  

AHS 22002 CLINICAL KINESIOLOGY  
3 Credit Hours  
Function of the human body with emphasis on the musculoskeletal system and gross body measurements.  
Prerequisite: BSCI 11010; and special approval.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  

AHS 22003 CLINICAL KINESIOLOGY LABORATORY  
1 Credit Hour  
Application of human body movement and function concepts.  
Prerequisite: BSCI 11010; and special approval.  
Schedule Type: Laboratory  
Contact Hours: 3 lab  
Grade Mode: Standard Letter  

AHS 24010 MEDICAL TERMINOLOGY  
1 Credit Hour  
Terminology utilized by the medical profession. Emphasis is on definition, spelling, pronunciation and correct usage of terms.  
Prerequisite: none.  
Schedule Type: Lecture  
Contact Hours: 1 lecture  
Grade Mode: Standard Letter  

AHS 24014 ADVANCED IMAGING  
2 Credit Hours  
The procedures and equipment used in advanced imaging modalities including radiography and fluoroscopy, interventional radiology, computed tomography, magnetic resonance imaging, diagnostic medical sonography, nuclear medicine, PET scanning, mammography and radiation therapy. Also includes overview of billing and coding of these types of procedures. NOTE: Limit five lines; use third person plural; do not include special course fee, grade rule, prerequisite(s) or cross-listed courses.  
Prerequisite: Special approval.  
Schedule Type: Lecture  
Contact Hours: 2 lecture  
Grade Mode: Standard Letter  

AHS 24028 RADIOLOGIC PATHOLOGY  
3 Credit Hours  
Disease processes and the pathologies associated with each anatomical system in the human body are described and their application to all imaging modalities in the radiologic and imaging sciences. Prerequisites: BSCI 11001 or BSCI 11010 and BSCI 11020 or BSCI 21010 and BSCI 21020 or ATTR 25057 and ATTR 25058 or EXSC 25057 and ATTR 25058,  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter