

HEALTH CAREERS I

| Code | Old Standard | Code | New Standard |
|-------|--|--------|--|
| | | HSI1.0 | Understand the healthcare setting networks and roles and responsibilities |
| | | HSI1.1 | Differentiate between private and public/government healthcare settings (managed care) |
| | | HSI1.2 | Collaborate and communicate effectively with colleagues, patients/residents, and/or family members |
| HC1.0 | Identify health career options, characteristics and key employability skills using the career decision-making process | HSI2.0 | Identify health science career pathways |
| HC1.1 | Compare careers within the health science career pathways | HSI2.1 | Identify and compare health science career pathways |
| | Examine levels of education, credentialing requirements, employment opportunities, workplace environments, and career growth potential | | Demonstrate knowledge of levels of education and credentialing requirements for a variety of health science careers of interest |
| HC1.2 | Examine levels of education, credentialing requirements, employment opportunities, workplace environments, and career growth potential | HSI2.2 | Demonstrate knowledge of levels of education and credentialing requirements for a variety of health science careers of interest |
| HC1.3 | Classify personal traits or attitudes desirable in a member of the healthcare provider | HSI1.3 | Classify personal traits or attitudes desirable in a member of the healthcare setting |
| | | | Explore and demonstrate knowledge of employment opportunities, workplace environments, and career growth potential |
| | | HSI2.3 | Understand scope of practice and a variety of professional standards including the American Medical Association, American Nurse Association, American Dental Association |
| HC2.0 | Examine the healthcare delivery system and teamwork | HSI3.2 | Understand scope of practice and a variety of professional standards including the American Medical Association, American Nurse Association, American Dental Association |
| HC2.1 | Understand the healthcare delivery system | | |
| HC2.2 | Demonstrate roles and responsibilities of team members | | |
| HC3.0 | Apply communication skills needed in a healthcare setting | | |
| HC3.1 | Examine subjective and objective information to communicate patient status | | |
| HC3.2 | Comprehend speaking and listening skills using the sender-receiver model | | |
| HC4.0 | Examine legal/ethical responsibilities and limitations of the healthcare worker | | |
| HC4.1 | Explain practices that could result in malpractice, liability, and/or negligence | | |
| HC4.2 | Explain the Health Insurance Portability and Accountability Act (HIPAA) | HSI3.3 | Examine the implications of Health Insurance Portability and Accountability Act (HIPAA) for healthcare professionals |
| HC4.3 | Examine ethical and legal issues and the implications on health care | HSI3.4 | Analyze patient/residents' bill of rights and the advanced directives |
| HC4.4 | Examine religious and cultural values as they impact ethical issues in healthcare | HSI3.0 | Examine legal/ethical responsibilities and limitations of the healthcare worker |
| HC5.0 | Apply safety practices in the healthcare environment | HSI3.1 | Understand legal/ethical issues, religious and cultural diversity and their impacts on healthcare |
| | | HSI4.0 | Understand and demonstrate safety practices in the healthcare environment |
| HC5.1 | Demonstrate methods of controlling microorganism growth (standard precautions) | | Identify common safety hazards in the healthcare environment including patient/resident, community, and healthcare worker settings |
| HC5.2 | Apply principles of body mechanics and ergonomics in the health care environment | HSI4.2 | Identify common safety hazards in the healthcare environment including patient/resident, community, and healthcare worker settings |
| | | HSI4.1 | Apply principles of body mechanics and ergonomics |

HEALTH CAREERS II

| Code | Old Standard | Code | New Code |
|---------|---|---------|---|
| HC2.1.0 | Apply safety practices in the healthcare environment | HSII1.0 | Identify and apply principles of infection control |
| HC2.1.1 | Explain principles of infection control | HSII1.1 | Discuss the chain of infection |
| | | HSII1.2 | Understand and apply the prevention of pathogen transmission |
| HC2.1.2 | Identify common safety hazards by use of MSDS, signs and symbols and use of hazardous materials | HSII2.0 | Discuss disease, diagnosis, and treatment |
| | | HSII2.1 | Discuss disease concept with reference to Centers for Disease Control and National Institute of Health |
| | | HSII2.2 | Evaluate and assess patient/residents' health |
| HC2.2.0 | Perform technical skills related to healthcare industry standards | HSII2.3 | Recognize current treatment modalities including but not limited to obesity, heart disease, cancer, and respiratory |
| HC2.2.1 | Apply procedures for measuring and recording vital signs | HSII3.0 | Demonstrate hands-on patient/resident care skills |
| HC2.2.2 | Apply first aid techniques | HSII3.1 | Apply procedures for monitoring, measuring and recording vital signs |
| HC2.3.0 | Utilize medical mathematics skills needed in healthcare work | HSII3.2 | Apply First Aid/Cardiopulmonary Resuscitation (CPR) and Automated External Defibrillator (AED) |
| HC2.3.1 | Apply mathematical computations related to healthcare procedures | | |
| HC2.3.2 | Analyze diagrams, charts, graphs and tables to interpret healthcare data | HSII3.3 | Demonstrate knowledge of direct patient/resident care skills |
| | | HSII4.0 | Explain documentation standards and findings |
| | | HSII4.1 | Demonstrate use of technological documentation standards by entering data on the electronic medical record or paper |
| | | HSII4.2 | Differentiate between subjective and objective healthcare data to communicate patient/resident's status |

MEDICAL TERMINOLOGY

| Code | Old Standard | Code | New Standard |
|-------|--|-------|--|
| MT1.0 | Build medical terms and interpret approved medical abbreviations | MT1.0 | Build and interpret medical terminology |
| MT1.1 | Create medical terms using word roots, prefixes and suffixes | MT1.1 | Decipher and create medical terms using word roots, prefixes, and suffixes |
| MT1.2 | Communicate medical information using medical abbreviations | MT1.2 | Demonstrate the importance, and practice the correct spelling of medical terminology |
| MT2.0 | Demonstrate use of medical terminology as it relates to the human body | MT1.3 | Communicate patient/resident care information utilizing medical terminology |
| MT2.1 | Utilize medical terminology associated with the body systems | MT2.0 | Demonstrate use of medical terminology in relation to the human body |
| MT2.2 | Define body planes, directional terms, quadrants and cavities using medical terminology | MT2.1 | Utilize medical terminology associated with the human body and medical healthcare treatment |
| MT3.0 | Utilize medical terminology to identify and interpret signs and symptoms of diseases and disorders | MT2.2 | Understand body planes, directional terms, quadrants, and cavities using medical terminology |
| MT3.1 | Use medical terminology to identify diseases and disorders | MT3.0 | Utilize medical terminology to identify and interpret signs and symptoms of diseases and disorders |
| MT3.2 | Interpret medical terms related to diseases and disorders in written and electronic communication | | |

CERTIFIED NURSING ASSISTANT

| Code | Old Standard | Code | New Standard |
|--------|--|--------|---|
| CNA1.0 | Identify the certification process, as well as role and communication responsibilities of the nursing assistant | CNA1.0 | Discuss the Certified Nursing Assistant (CNA) certification process and roles of the CNA in the healthcare environment |
| CNA1.1 | Discuss the CNA certification process and role within health care environment | CNA1.1 | Discuss laws and regulations that govern the work and certification of the nurse assistant |
| CNA1.2 | Understand various methods of giving and obtaining information | CNA1.2 | Identify the job duties and requirements of a nurse assistant |
| CNA2.0 | Understand and execute principles related to infection control and basic safety/emergency situations | CNA2.0 | Identify and implement principles related to infection control and basic safety/emergency situations |
| CNA2.1 | Identify CNA's role in infection control procedures | CNA2.1 | Identify Certified Nursing Assistant's role in infection control procedures in reference to Centers for Disease Control, Occupational Safety Health Administration, and National Institutes of Health |
| CNA2.2 | Discuss safety procedures within the healthcare environment | CNA2.2 | Discuss and demonstrate safety procedures within the healthcare environment |
| CNA3.0 | Measure and record baseline information including vital signs and understand body mechanics regarding patient mobility | CNA3.0 | Measure and record patient/resident health-related vital data/statistics |
| CNA3.1 | Collect and understand baseline information, including vital signs and compare it to normal values | CNA3.1 | Collect and document baseline information, including vital signs, height and weight |
| CNA3.2 | Discuss the principles related to patient mobility | CNA3.2 | Identify normal ranges for vital signs, and list factors which can affect vital signs |
| CNA4.0 | Understand resident's/patient's environment, basic human needs and the importance of hygiene | CNA4.0 | Understand patient/resident's environment, basic human needs, and the importance of hygiene |
| CNA4.1 | Discuss the importance of the patient's/resident's psychosocial needs | CNA4.2 | Identify the importance of the patient/resident's psychosocial needs |
| CNA4.2 | Discuss the importance of basic physical human needs | CNA4.1 | Identify the importance of basic physical human needs of the patient/resident |
| CNA5.0 | Summarize care involving cognitive impairment, mental illness, and death and dying | CNA5.0 | Understand care involving cognitive impairment, mental illness, and death and dying |
| CNA5.1 | Students will discuss principles to follow when caring for cognitively altered and mentally ill patients | CNA5.1 | Identify effective strategies when caring for cognitively altered and mentally ill patients |
| CNA5.2 | Students will describe the needs and care necessary during the death and grieving process | CNA5.2 | Understand the basic needs and care during patient/resident's death and grieving process |

INTRO TO EMERGENCY MEDICAL SERVICES

| Code | Old Standard | Code | New Standard |
|-------------|--------------|--------|--|
| *New Course | | EMS1.0 | Explore roles, responsibilities, and professionalism of Emergency Medical Services (EMS) personnel |
| | | EMS1.1 | Distinguish differences among careers within EMS and explain in detail the education level, credentialing/licensure requirements |
| | | EMS1.2 | Demonstrate emotional support to patient, bystanders, or other responders |
| | | EMS1.3 | Investigate medical and legal standards in correlation with the Health Insurance Portability & Accountability Act (HIPAA) |
| | | EMS1.4 | Apply concepts related to professional attitude and appearance |
| | | EMS2.0 | Demonstrate skills in first aid, cardiopulmonary resuscitation (CPR) and automated external defibrillation (AED) certification |
| | | EMS2.1 | Understand how to perform First Aid for students and/or CPR for students and/or how to use an AED |
| | | EMS3.0 | Determine the necessity of emergency medical care for a variety of patients with varied medical conditions |
| | | EMS3.1 | Identify emergency medical treatment protocol |



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on standards set by the American Heart Association or the American Red Cross

INTRO TO SPORTS MEDICINE

| Code | Old Standard | Code | New Standard |
|-------|---|--------|--|
| SM1.0 | Identify fundamental aspects, psychology and medical terminology related to sports medicine | ISM1.0 | Identify the fundamental aspects of medical terminology, human body systems, kinesiology and careers related to sports medicine |
| SM1.1 | Explore the fundamental aspects of sports medicine | ISM1.1 | Distinguish differences among careers within sports medicine and explain in detail the education level, credentialing/licensure requirements |
| SM1.2 | Describe principles of sports psychology | ISM1.3 | Identify basic structures and functions of human body systems |
| SM1.3 | Apply related medical terminology | ISM1.4 | Analyze concepts of kinesiology in relation to athletic performance |
| SM2.0 | Understand injury prevention principles and performance enhancement philosophies | ISM4.0 | Explore the psychological impact of injury and the healing process on an individual |
| SM2.1 | Students will apply injury prevention principles | ISM4.1 | Describe principles of sports psychology |
| SM2.2 | Students will examine performance enhancement philosophies | ISM1.2 | Interpret medical terms and abbreviations to communicate information |
| SM3.0 | Explore sports nutrition and the injury and healing process | ISM2.0 | Understand injury prevention principles and performance enhancement philosophies |
| SM3.1 | Explore various aspects of sports nutrition | ISM2.2 | Describe injury prevention |
| SM3.2 | Describe the injury and healing process | ISM2.4 | Compare and contrast performance enhancement philosophies |
| SM4.0 | Explore and understand common injuries, certain sports-specific injuries, injury management and rehabilitation techniques | ISM2.3 | Explore and demonstrate safe training practices in sports management |
| SM4.1 | Recognize common injuries and explain injury management | ISM2.1 | Develop a nutrition and hydration plan for an athlete while implementing personal healthy behaviors |
| SM4.2 | Explore specific sports injuries | ISM3.0 | Explore and understand common sports injuries, injury management and treatment techniques |
| SM4.3 | Explain therapeutic modalities and rehabilitation techniques | ISM3.1 | Recognize and explain common injuries and conditions that impact athletic performance |
| | | ISM3.2 | Assess common sports injuries to determine treatment modalities |
| | | ISM3.3 | Perform proper treatment techniques of common sports injuries through hands-on application |
| | | ISM4.2 | Explain possible adaptations that can be made to exercise programs to account for different clients' needs |

INTRO TO MEDICAL DIAGNOSTICS

| Code | Old Standard | Code | New Standard |
|-------------|--------------|--------|--|
| *New Course | | IMD1.0 | Investigate diagnostic pathway careers |
| | | IMD1.1 | Compare and contrast scope of practice of diagnostic careers |
| | | IMD1.2 | Identify educational requirements for specific careers |
| | | IMD1.3 | Identify workforce needs and compensation |
| | | IMD1.4 | Understand licensure, registration, or certification requirements |
| | | IMD2.0 | Acquire the skills necessary to work in any healthcare facility |
| | | | Define the Health Insurance Portability and Accountability Act (HIPAA) and explain how it provides confidentiality for |
| | | IMD2.1 | healthcare information |
| | | IMD2.2 | Demonstrate infection control standard precautions |
| | | IMD2.3 | Apply and demonstrate professional appearance |
| | | IMD3.0 | Understand the dynamics of a healthcare diagnostic workplace |
| | | IMD3.1 | Identify workplace equipment, protocol, and procedures |
| | | IMD3.2 | Identify professional communication and teamwork |
| | | IMD3.3 | Identify professional level patient care and interaction |

INTRO TO HEALTH INFORMATICS

| Code | Old Standard | Code | New Standard |
|-------------|--------------|-------|--|
| *New Course | | HI1.0 | Communicate health information accurately and within legal and regulatory guidelines, upholding the strictest standards |
| | | HI1.1 | Apply accuracy, effectiveness and timeliness to the transfer of information |
| | | HI1.2 | Summarize how legal and regulatory requirements apply to the transfer of information |
| | | HI1.3 | Distinguish who in the organization needs information and when they need it |
| | | HI1.4 | Organize recorded information and other documents within the Health Insurance Portability and Accountability Act (HIPAA) |
| | | HI1.5 | Communicate information ensuring confidentiality of content is maintained |
| | | HI2.0 | Describe the content and diverse uses of health information |
| | | HI2.1 | Interpret and extract information from medical records and documents |
| | | HI2.2 | Collect appropriate, accurate information including proper codes to record charges for reimbursement |
| | | HI2.3 | Identify and apply accurate medical terminology |
| | | HI2.4 | Determine the need for requesting further clarification when transcribing/transferring information that may be unclear |
| | | HI2.5 | Assess and apply information for regulatory and legal purposes |
| | | HI3.0 | Demonstrate the use of systems used to capture, retrieve and maintain confidential health information from internal and external sources |
| | | HI3.1 | Formulate and accurately document required information |
| | | HI3.2 | Interpret information that has been collected |
| | | HI3.3 | Differentiate the purpose and audiences for whom information is collected |
| | | HI3.4 | Prepare accurate documentation for various audiences within legal and regulatory requirements as requested |
| | | HI3.5 | Disseminate information to various audiences using systems and guidelines within the facility |
| | | HI3.6 | Organize and maintain a records storage system within legal requirements and protocols |

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PAA) protocols to ensure confidentiality and privacy

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nd external sources

PHARMACY TECHNICIAN

| Code | Old Standard | Code | New Standard |
|-------|--|--------|---|
| | | PhT1.0 | Understand the roles and responsibilities of the Pharmacy Technician and governing laws |
| | | PhT1.1 | Understand the roles and responsibilities of a pharmacy technician |
| | | PhT1.4 | List the various types of reimbursement for prescription coverage |
| | | PhT2.0 | Understand safety measures as they pertain to preparing prescriptions and maintaining inventory |
| | | PhT2.1 | Identify the steps involved in preparing and processing prescriptions |
| | | PhT2.2 | Apply safety measures to prevent prescription errors and recognize the importance of reporting errors |
| | | PhT2.3 | Identify the process of maintaining pharmacy inventory |
| PT1.0 | Understand pharmacologic and pertinent medical terminology, as well as various drugs, including over-the-counter medications and their effects on the human body | PhT3.5 | Identify common terminology and abbreviations related to pharmacy |
| PT1.1 | Interpret and understand pharmacologic and medical terminology | PhT4.0 | Identify various drugs and their effects on the human body |
| PT1.2 | Identify various drugs and drug sources and their effects on the human body | PhT4.1 | Define therapeutic effects of medications |
| | | PhT4.2 | Memorize common medications by brand and generic names |
| | | PhT4.3 | Identify the most common adverse effects of drugs |
| | | PhT4.4 | Identify common drug interactions of drugs |
| | | PhT4.5 | Identify monitoring parameters or labs for drug therapy |
| PT1.3 | Understand over-the-counter (OTC) and herbal medications | PhT3.0 | Understand dosage calculations and preparation of prescriptions |
| PT2.0 | Understand drug dosage calculations and preparation and administration procedures | PhT3.1 | Solve basic math problems |
| PT2.1 | Calculate doses, and determine dosage form and quantity dispensed in a variety of pharmacy settings | PhT3.2 | Convert between metric and apothecary measurements |
| | | PhT3.3 | Calculate dosage |
| | | PhT3.4 | Identify characteristics of dosage forms |
| PT2.2 | Understand mixture preparation, equipment, and administration procedures | | |
| PT3.0 | Identify various laws and ethics pertinent to the pharmaceutical field, along with principles relating to medication errors | PhT1.2 | Interpret the laws and regulations involved in dispensing medication including controlled substances |
| PT3.1 | Identify federal, state and local laws as well as professional ethics that are applicable to the pharmaceutical field | PhT1.3 | Apply the requirements for dispensing medication in accordance with Federal and South Dakota law |
| PT3.2 | Identify causes, prevention, reporting and risk management of medication errors | | |
| PT4.0 | Understand fundamental pharmacy laboratory and management techniques | | |
| PT4.1 | Summarize fundamental pharmacy techniques and skills | | |
| PT4.2 | Describe and explain the basic concepts of a pharmacy computer system | | |
| PT4.3 | Understand principles of pharmacy management | | |