

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		HSI2.2	Classify personal traits or attitudes desirable in a member of the healthcare setting
HC1.3	Classify personal traits or attitudes desirable in a member of the healthcare provider	HSI1.3	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		
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
		HSI3.4	Analyze patient/residents' bill of rights and the advanced directives
HC4.3	Examine ethical and legal issues and the implications on health care	HSI3.0	Examine legal/ethical responsibilities and limitations of the healthcare worker
HC4.4	Examine religious and cultural values as they impact ethical issues in healthcare	HSI3.1	Understand legal/ethical issues, religious and cultural diversity and their impacts on healthcare
HC5.0	Apply safety practices in the healthcare environment	HSI4.0	Understand and demonstrate safety practices in the healthcare environment
			Identify common safety hazards in the healthcare environment including patient/resident, community, and healthcare worker settings
HC5.1	Demonstrate methods of controlling microorganism growth (standard precautions)	HSI4.2	
HC5.2	Apply principles of body mechanics and ergonomics in the health care environment	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
MT1.0	Build medical terms and interpret approved medical abbreviations
MT1.1	Create medical terms using word roots, prefixes and suffixes
MT1.2	Communicate medical information using medical abbreviations
MT2.0	Demonstrate use of medical terminology as it relates to the human body
MT2.1	Utilize medical terminology associated with the body systems
MT2.2	Define body planes, directional terms, quadrants and cavities using medical terminology
MT3.0	Utilize medical terminology to identify and interpret signs and symptoms of diseases and disorders
MT3.1	Use medical terminology to identify diseases and disorders
MT3.2	Interpret medical terms related to diseases and disorders in written and electronic communication

Code	New Standard
MT1.0	Build and interpret medical terminology
MT1.1	Decipher and create medical terms using word roots, prefixes, and suffixes
MT1.2	Demonstrate the importance, and practice the correct spelling of medical terminology
MT1.3	Communicate patient/resident care information utilizing medical terminology
MT2.0	Demonstrate use of medical terminology in relation to the human body
MT2.1	Utilize medical terminology associated with the human body and medical healthcare treatment
MT2.2	Understand body planes, directional terms, quadrants, and cavities using medical terminology
MT3.0	Utilize medical terminology to identify and interpret signs and symptoms of diseases and disorders

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 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
CNA2.1	Identify CNA's role in infection control procedures	CNA2.1	Occupational Safety Health Administration, and National Institutes of Health
CNA2.2	Discuss safety procedures within the healthcare environment Measure and record baseline information including vital signs and understand body mechanics regarding patient mobility	CNA2.2	Discuss and demonstrate safety procedures within the healthcare environment
CNA3.0	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
	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
SM4.0	Recognize common injuries and explain injury management	ISM2.1	Develop a nutrition and hydration plan for an athlete while implementing personal healthy behaviors
SM4.1	Explore specific sports injuries	ISM3.0	Explore and understand common sports injuries, injury management and treatment techniques
SM4.2	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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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		
PT1.2	Identify various drugs and drug sources and their effects on the human body	PhT4.0	Identify various drugs 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		
PT2.0	Understand drug dosage calculations and preparation and administration procedures	PhT3.0	Understand dosage calculations and preparation of prescriptions
PT2.1	Calculate doses, and determine dosage form and quantity dispensed in a variety of pharmacy settings	PhT3.1	Solve basic math problems
		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		