

 ***National Health Science Standards Crosswalk***

The crosswalk template is a working resource to document where the National Health Science Standards (NHSS) being met in their courses.   This resource provides teachers a way to ensure all the NHSS have been taught in your health science courses throughout your program. The curriculum column can be used to include examples such as: what lesson is used to teach the standard, which chapter in a particular resource, an activity, project, or PPT, and educational resource used to support teaching of the standard.

**Foundation Standard 1: Academic Foundation Understand human anatomy, physiology, common diseases and disorders, and medical math principles.**

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| **1.1 Human A&P** | **Subcategories** | **HealthForce Healthcare Core Curriculum** | **Courses** |
| 1.1.1 Describe the organization of the human body and directional terms. |  | **Not Covered** |  |
| ***a. Identify*** ***levels of organization*** | * + - * + Cellular
				+ Chemical
				+ Organ
				+ Organism
				+ System
				+ Tissue
 | **Not Covered** |  |
| ***b. Demonstrate anatomical position*** |  | **Not Covered** |  |
| ***c. Identify body planes*** | * + - * + Coronal / Frontal
				+ Midsagittal
				+ Sagittal
				+ Transverse/Horizontal
 | **Not Covered** |  |
| ***d. Use directional terms*** | * + - * + Anterior / Posterior
				+ Cephalic/Caudal
				+ Medial / Lateral
				+ Proximal / Distal
				+ Superficial / Deep
				+ Superior / Inferior
				+ Ventral/Dorsal
 | **Not Covered** |  |
| ***e. Identify body cavities*** | * Abdominal
* Cranial
* Dorsal
* Nasal
* Oral
* Orbital
* Pelvic
* Spinal
* Thoracic
 | **Not Covered** |  |
| ***f. Identify the components of the abdominal quadrants*** | * Left upper
* Left lower
* Right upper
* Right lower
 | **Not Covered** |  |
| **1.1.2** Identify basic structures and describe functions of human body systems. |  | **Not Covered** |  |
| ***a. Skeletal*** |  | **Not Covered** |  |
| Structures of the skeletal system | Distinguish between axial and appendicular skeletonsDescribe long bone anatomyIdentify joint types and movementName and classify all bones (206) | **Not Covered** |  |
| Functions of the skeletal system | HematopoiesisMineral storageMuscle attachment and movementOssificationStructure and support | **Not Covered** |  |
| ***b. Muscular*** |  | **Not Covered** |  |
| Structures of the muscular system | * Identify types of muscle tissue
* Identify major muscle groups of neck, shoulder, chest, abdomen, back, arms, and legs
 | **Not Covered** |  |
| Functions of the muscular system | * Body movement
* Posture
* Protection
 | **Not Covered** |  |
| ***c. Integumentary*** |  | **Not Covered** |  |
| Structures of the integumentary system | • Identify integumentary components• Label the layers of skin | **Not Covered** |  |
| Functions of the integumentary system | * Infection protection
* Sensory organ
* Temperature regulation
* UV light protection
* Vitamin D production
 | **Not Covered** |  |
| ***d. Cardiovascular*** |  | **Not Covered** |  |
| Structures of the cardiovascular system | * Distinguish blood components
* Identify cardiovascular organs
* Label the parts of the hearts
 | **Not Covered** |  |
| Functions of the cardiovascular system | * Blood flow through the heart and body
* Cardiac conduction system
* Transports nutrients, waste, antibodies, hormones, and gases
 | **Not Covered** |  |
| ***e. Lymphatic/******Immune*** |  | **Not Covered** |  |
| Structures of the Lymphatic System | * Identify lymphatic organs
 | **Not Covered** |  |
| Functions of the lymphatic system | * Movement of lymph fluid
* Provide protection against disease
 | **Not Covered** |  |
| ***f. Respiratory*** |  | **Not Covered** |  |
| Structures of the respiratory system | * Identify respiratory organs
 | **Not Covered** |  |
| Functions of the respiratory system | * Gas exchange
 | **Not Covered** |  |
| ***g. Nervous*** |  | **Not Covered** |  |
| Structures of the nervous system | * Differentiate CNS and PNS
* Differentiate sympathetic and parasympathetic
* Identify organs of the nervous system
* Identify structures of the special sense organs
 | **Not Covered** |  |
| Functions of the nervous system | * Movement
* Processing
* Sensation
 | **Not Covered** |  |
| ***h. Endocrine*** |  | **Not Covered** |  |
| Structures of the endocrine system | * Identify endocrine glands
 | **Not Covered** |  |
| Functions of the endocrine system | * Controls metabolism
* Production of hormones
* Regulation of body processes
* Regulates growth, development, and maturation
 | **Not Covered** |  |
| ***i. Digestive*** |  | **Not Covered** |  |
| Structures of the digestive system | * Differentiate between alimentary and accessory organs
* Identify digestive organs in sequence
 | **Not Covered** |  |
| Functions of the digestive system | * Absorption of nutrients
* Chemical and mechanical digestion
* Excretion of waste
 | **Not Covered** |  |
| ***j. Urinary*** |  | **Not Covered** |  |
| Structures of the urinary system | * Identify gross and microscopic anatomy of the kidney
* Identify urinary organs
 | **Not Covered** |  |
| Functions of the urinary system | * Homeostatic balance
* Process of urine formation
* Urine composition
 | **Not Covered** |  |
| ***k. Reproductive*** |  | **Not Covered** |  |
| Structures of the reproductive system | * Identify female reproductive organs
* Identify male reproductive organs
 | **Not Covered** |  |
| Functions of the reproductive system | * Formation of gametes
* Productions of hormones
 | **Not Covered** |  |
| **1.2 Diseases and Disorders** |  | **Not Covered** |  |
| 1.2.1 Describe etiology, pathology, diagnosis, treatment, and prevention of common diseases and disorders, including, but not limited to the following: | * Anxiety
* Arthritis
* Asthma
* Bipolar disorder
* Cancer
* Cataracts
* Concussion/Traumatic Brain Injury (TBI)
* Cystic Fibrosis
* Depression
* Dementia
* Diabetes
* Gastric ulcer
* Hepatitis
* Hypertension
* Melanoma
* Muscular Dystrophy
* Myocardial Infarction
* Sexually Transmitted Infection (STI)
* Stroke/Cerebrovascular Accident (CVA)
* Tuberculosis
* Urinary Tract Infection (UTI)
 | **Not Covered** |  |
| 1.2.2 Describe biomedical therapies as they relate to the prevention, pathology, and treatment of disease. | * Gene editing
* Gene testing
* Gene therapy
* Immunotherapy
* Immunizations
* Stem cell research
 | **Not Covered** |  |
| **1.3 Medical Mathematics** |  | **Not Covered** |  |
| 1.3.1 Demonstrate competency using basic math skills and mathematical conversions as they relate to healthcare. |  | **Not Covered** |  |
| *a. Metric System* | * Centi-
* Deci-
* Kilo-
* Milli-
* Micro-
 | **Not Covered** |  |
| *b. Mathematical* | * Addition/subtraction
* Average
* Fractions
* Multiplication/division
* Percentages
* Ratios
 | **Not Covered** |  |
| *c. Conversions* | * Height (inches/meters)
* Household measurements (tbsp/tsp/cup/oz)
* Length (inches/meters)
* Temperature (F/C)
* Volume (ml/cc)
* Weight/mass (pounds/grams)
 | **Not Covered** |  |
| 1.3.2 Demonstrate the ability to analyze diagrams, charts, graphs, and tables to interpret healthcare results.  |  | **Not Covered** |  |
| 1.3.3 Demonstrate use of the 24-hour clock/military time. |  | **Not Covered** |  |

**Foundation Standard 2: Communications Demonstrate methods of delivering and obtaining information, while communicating effectively.**

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| **2.1 Concepts of Effective Communication** | **Subcategories** | **HealthForce Healthcare Core Curriculum** | **Courses** |
| 2.1.1 Model verbal and nonverbal therapeutic communication. | * Active listening
* Reflecting
* Silence
* Summarizing
 | **Communication in Healthcare Module****Competency 2** |  |
| 2.1.2 Identify common barriers to communication. |  | **Communication in Healthcare Module****Competency 1C** |  |
| *a. Physical disabilities* | * Aphasia
* Developmental level
* Hearing loss
* Impaired vision
 | **Communication in Healthcare Module****Competency 1C** |  |
| *b. Psychological barriers* | * Attitudes
* Bias
* Prejudice
* Stereotyping
 | **Communication in Healthcare Module****Competency 1C** |  |
| c. Language barriers |  | **Communication in Healthcare Module****Competency 1C, 3**B |  |
| 2.1.3 Distinguish between subjective and objective information. |  | **Communication in Healthcare Module****Competency 5E** |  |
| 2.1.4 Interpret elements of the communication process using sender-message-receiver feedback model. |  | **Communication in Healthcare Module****Competency 1B** |  |
| 2.1.5 Modify communication to meet the needs of the patient/client and be appropriate to the situation. |  | **Communication in Healthcare Module****Competency 1C, 3A, 3B** |  |
| 2.1.6 Describe appropriate interactions with patients throughout various stages of psychosocial development. |  | **Communication in Healthcare Module****Competency 1B****Awareness & Sensitivity to Client Needs****Competency 2A, 2C** |  |
| **2.2 Medical Terminology**  |  | **Communication in Healthcare Module****Competency 5F** |  |
| 2.2.1 Use common roots, prefixes, and suffixes to communicate information. |  | **Communication in Healthcare Module****Competency 5F** |  |
| 2.2.2 Interpret common medical abbreviations to communicate information. |  | **Communication in Healthcare Module****Competency 5G** |  |
| **2.3 Written Communication Skills** |  |  |  |
| 2.3.1 Use proper elements of written and electronic communication (spelling, grammar, and formatting). |  | **Communication in Healthcare Module****Competency 5** |  |
| 2.3.2 Prepare examples of technical and informative writing. |  | **Communication in Healthcare Module****Competency 5** |  |
| 2.3.3 demonstrate appropriate use of digital communication in a work environment, such as email, text, and social media. |  | **Communication in Healthcare Module****Competency 7****Healthcare Ethics** **Competency 2E** |  |

**Foundation Standard 3: Systems Identify how key systems affect services performed and quality of care.**

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| **3.1 Systems** | **Subcategories** | **HealthForce Healthcare Core Curriculum** | **Courses** |
| 3.1.1 Differentiate healthcare delivery systems and healthcare related agencies. |  | **Behaviors for Success in Healthcare Module****Competency 6** |  |
| *a. Types of practice settings* | * Acute care
* Ambulatory care
* Behavioral and mental health services
* Home care
* Long-term care
* Medical and dental practices
 | **Behaviors for Success in Healthcare Module****Competency 6** |  |
| *b. Specialty medical and dental practices* | * Cosmetic surgery
* Orthodontics
* Pulmonology
* Surgical
 | **Behaviors for Success in Healthcare Module****Competency 1** |  |
| *c. Government agencies* | * Centers for Disease Control and Prevention (CDC)
* Centers for Medicare & Medicaid Services (CMS)
* National Institutes of Health (NIH)
* Occupational Safety and Health Administration (OSHA)
* U.S. Department of Veterans Affairs (VA)
* U.S. Food and Drug Administration (FDA)
* U. S. Public Health Service (UPHS)
 | **Behaviors for Success in Healthcare module****Competency 7: All agencies added to align with standards****Behaviors for Success in Healthcare Module****Competency 4A: WHO****Competency 6I: CMS****Safety & Standard Precautions Module****Competency 1C-E: OSHA** |  |
| *d. Related organizations* | * American Cancer Society (ACS)
* American Heart Association (AHA)
* American Red Cross (ARC)
* March of Dimes
* World Health Organization (WHO)
 | **Behaviors for Success in Healthcare module****Competency 7: All agencies added to align with standards**  |  |
| 3.1.2 Examine the healthcare consumer’s rights and responsibilities within the healthcare system. | * Compliance
* Patient’s Bill of Rights
* Self-advocacy
 | **Legal Issues in Healthcare****Competency 3** |  |
| 3.1.3 Analyze the impact of emerging issues on healthcare delivery systems. | * Behavior/Mental health
* Bioethics
* Epidemiology
* Socioeconomics
* Technology
 | **Behaviors for Success in Healthcare module****Competency 4-8** |  |
| 3.1.4 Analyze healthcare economics and related terms. |  | **Behaviors for Success in Healthcare module****Competency 7** |  |
| **a.** *The history and role of health insurance and employer/employee benefits.* |  | **Behaviors for Success in Healthcare module****Competency 7** |  |
| *b. Fundamental terms related to health insurance.* | * Claim
* Coinsurance
* Co-payment
* Explanation of Benefits (EOB)
* Fraud
* Health Insurance Portability and Accountability Act (HIPAA)
* Medical Coding
* Premiums
 | **Behaviors for Success in Healthcare module****Competency 7** |  |
| *c. Types of insurance Plans* |  | **Behaviors for Success in Healthcare module****Competency 7** |  |
|  | * Private health insurance plans
 |  |  |
| **Managed Care** | * Health Maintenance Organization (HMO)
* Independent Practice Association (IPA)
* Preferred Provider Organization (PPO)
 | **Behaviors for Success in Healthcare module****Competency 7** |  |
| **Government Programs** | * Affordable Care Act (ACA)
* Medicaid
* Medicare
* Tricare
* Workers’ Compensation
 | **Behaviors for Success in Healthcare module****Competency 7** |  |

**Foundation Standard 4: Employability Skills Use employability skills to enhance employment opportunities and job satisfaction.**

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| **4.1 Personal Traits of the Health Professional** | **Subcategories** | **HealthForce Healthcare Core Curriculum** | **Courses** |
| 4.1.1 Identify personal traits and attitudes desirable in a career ready member of a health team. | * Acceptance of criticism
* Competence
* Dependability
* Discretion
* Empathy
* Enthusiasm
* Honesty
* Initiative
* Integrity
* Patience
* Positive Attitude
* Responsibility
* Self-motivation
* Social and cultural competence
* Tact
* Team Player
* Willingness to learn
 | **Behaviors for Success in Healthcare module****Competency 3B, 3D, 3E, 3F, 3G, 3H,**  |  |
| 4.1.2 Summarize professional standards as they apply to hygiene, dress, language, confidentiality, and behavior. |  | **Behaviors for Success in Healthcare module****Competency 3E** |  |
| **4.2 Employability skills** |  |  |  |
| 4.2.1 Apply employability skills/soft skills in healthcare. | * Chain of command
* Communication Skills
* Customer service
* Decision making
* Emotional Intelligence
* Flexible
* Organization
* Problem solving
* Scope of practice
* Time management
* Work ethic
 | **Behaviors for Success in Healthcare module****Competency 2B, 3D, 3F, 3G, 3H, 4A** |  |
| **4.3 Career Decision-****making** |  |  |  |
| 4.3.1 Research levels of education, credentialing requirements, and employment trends in health professions. |  | **Behaviors for Success in Healthcare module****Competency 1** |  |
| 4.3.2 Distinguish differences among careers within a health science pathway. | * Biotechnology research and development
* Diagnostic services
* Health informatics
* Support services
* Therapeutic services
 | **Behaviors for Success in Healthcare module****Competency 1** |  |
| **4.4 Employability Preparation** |  |  |  |
| 4.4.1 Develop components of a personal portfolio. | * Community Service/Service Learning
* Credentials
* Leadership examples
* Mock interviews
* Personal statement
* Professional/student organization memberships
* Oral Report
* Resume
* Sample projects
* Technology skills
* Writing samples
* Work-based learning documentation
* Writing sample
 | **Behaviors for Success in Healthcare module****Competency 3C** |  |
| 4.4.2 Identify strategies for pursuing employment. | * Employer websites
* Internships
* Personal networking
* Social media
 | **Behaviors for Success in Healthcare module****Competency 1, 3**  |  |

**Foundation Standard 5: Legal Responsibilities Describe legal responsibilities, limitations, and implications on healthcare worker actions.**

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| **5.1 Legal Responsibilities and Implications** |  |  |  |
| 5.1.1 Analyze legal responsibilities and implications of criminal and civil law. | * Abuse
* Assault
* Battery
* Harassment
* Invasion of privacy
* Libel
* Malpractice
* Negligence
* Slander
* Tort
 | **Legal Issues in Healthcare module****Competency 2, 4, 5, 6** |  |
| **5.2 Legal Practices** |  |  |  |
| 5.2.1 Apply standards for the safety, privacy, and confidentiality of health information. | * HIPAA
* Privileged communication
 | **Legal Issues in Healthcare module****Competency 5** |  |
| 5.2.2 Describe advanced directives. |  | **Legal Issues in Healthcare module****Competency 7** |  |
| 5.2.3 Summarize the essential characteristics of a patient’s basic rights within a healthcare setting. |  | **Legal Issues in Healthcare module****Competency 3** |  |
| 5.2.4 Differentiate informed and implied consent. |  | **Legal Issues in Healthcare****Competency 7B** |  |
| 5.2.5 Describe the concept of scope of practice. |  | **Legal Issues in Healthcare module****Competency 4** |  |
| 5.2.6 Interpret procedures for reporting activities and behaviors that affect the health, safety, and welfare of others (incident report). |  | **Legal Issues in Healthcare module****Competency 2H, 2I** |  |

**Foundation Standard 6: Ethics Understand accepted ethical practices with respect to cultural, social, and ethnic differences within the healthcare environment.**

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| **6.1 Ethical Practice** |  | **HealthForce Healthcare Core Curriculum** |  |
| 6.1.1 Differentiate between ethical and legal issues impacting healthcare. |  | **Healthcare Ethics module****Competency 3F** |  |
| 6.1.2 Identify ethical issues and their implications related to healthcare. | * Ethics committee
* Euthanasia
* Gene editing
* Immunizations
* In vitro fertilization
* Organ donation/transplantation
* Scope of practice
 | **Healthcare Ethics module****Competency 3D, 3E, 3F, 5A** |  |
| **6.2 Cultural, Social, and Ethnic Diversity** |  |  |  |
| 6.2.1 Discuss religious, social, and cultural values as they impact healthcare. | * Ageism
* Ethnicity
* Gender
* Race
* Religion
 | **Respecting Client & Staff Diversity module****Competency 3, 4** |  |
| 6.2.2 Demonstrate respectful and empathetic treatment of all patients/clients/families. | * Civility
* Customer service
* Patient satisfaction
 | **Respecting Client & Staff Diversity module****Competency 3, 4****Healthcare Ethics module****Competency 3D, 3E, 3F, 5A** |  |

**Foundation Standard 7: Safety Practices Identify existing and potential hazards to clients, co-workers, and self. Employ safe work practices and follow health and safety policies and procedures to prevent injury and illness.**

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| **7.1 Infection Control** |  | **HealthForce Healthcare Core Curriculum** |  |
| 7.1.1 Explain principles of infection transmission. |  |  |  |
| *a. Identify classifications of pathogens* | * Bacteria
* Fungi
* Parasites
* Protozoa
* Viruses
 | **Safety and Standard Precautions module****Competency 2** |  |
| *b. Describe characteristics of microorganisms* | * Aerobic
* Anaerobic
* Non-pathogenic
* Pathogenic
 | **Safety and Standard Precautions module****Competency 2** |  |
| *c. Recognize chain of infection* |  | **Healthcare Safety & Standard Precautions****Competency 3** |  |
| *d. Describe mode of transmission* | * Common vehicle (air, food, water)
* Direct
* Healthcare-associated infections (nosocomial)
* Indirect
* Opportunistic
* Vectors
 | **Safety and Standard Precautions module****Competency 2E, 3** |  |
| 7.1.2 Differentiate methods of controlling the spread and growth of pathogens. |  | **Healthcare Safety & Standard Precautions****Competency 3** |  |
| *a. Asepsis* | * Antisepsis
* Disinfection
* Sanitation
* Sterile technique
* Sterilization
 | **Safety and Standard Precautions module****Competency 3** |  |
| *b. Standard Precautions* | * Environmental cleaning
* Gloving
* Handwashing
* Personal Protective Equipment (PPE)
 | **Safety and Standard Precautions module****Competency 3** |  |
| *c. Isolation Precautions* | * Transmission-based contact
 | **Safety and Standard Precautions module****Competency 2** |  |
| *d. Bloodborne pathogen precautions* |  | **Safety and Standard Precautions module****Competency 1C, 1E, 2D** |  |
| *e. Vaccinations* |  | **Safety and Standard Precautions module****Competency 1E, 2D,**  |  |
| **7.2 Personal Safety** |  |  |  |
| 7.2.1 Apply personal safety procedures based on Occupational Safety and Health Administration (OSHA) and Centers for Disease Control (CDC) regulations. |  | **Safety and Standard Precautions module****Competency 1C, 1E, 1B,**  |  |
| 7.2.2 Demonstrate principles of body mechanics during patient care. | * Ambulating
* Lifting
* Positioning
 | **Safety and Standard Precautions module****Competency 4B-C** |  |
| 7.2.3 Demonstrate and apply the use of personal protective equipment (PPE). |  | **Safety and Standard Precautions module****Competency 2C** |  |
| **7.3** **Environmental Safety** |  |  |  |
| 7.3.1 Apply safety techniques in the work area. | * Ergonomics
* Patient/client/employee safety measures
* Safe operation of equipment
 | **Safety and Standard Precautions module****Competency 4** |  |
| **7.4 Common Safety Hazards** |  |  |  |
| 7.4.1 Observe all safety standards related to the occupational exposure to hazardous chemicals standard (safety data sheets [SDS]). |  | **Safety and Standard Precautions module****Competency 6B** |  |
| 7.4.2 Comply with safety signs, symbols, and labels. |  | **Safety and Standard Precautions module****Competency 6B** |  |
| **7.5 Emergency Procedures and Protocols** |  | **Safety and Standard Precautions module****Competency 6** |  |
| 7.5.1 Practice fire safety in a healthcare setting. |  | **Safety and Standard Precautions module****Competency 5A, 6A, 6B** |  |
| 7.5.2 Apply principles of basic emergency response in natural disasters and other emergencies (safe location, contact emergency personnel, follow facility protocols). |  | **Safety and Standard Precautions module****Competency 5C** |  |

**Foundation Standard 8: Teamwork Identify roles and responsibilities of individual members as part of the healthcare team.**

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| **8.1 Healthcare Teams** |  | **HealthForce Healthcare Core Curriculum** |  |
| 8.1.1 Evaluate roles and responsibilities of healthcare team members. |  | **Safety and Standard Precautions module****Competency 5A, 5B, 5C** |  |
| 8.1.2 Identify characteristics of effective teams. | * Collaboration
* Defined roles
* Effective communication
* Effective leadership
* Measurable processes and outcomes
* Mutual respect
* Shared goals
 | **Communications in Healthcare module****Competency 2, 3, 6** |  |
| **8.2 Team Member Participation** |  |  |  |
| 8.2.1 Recognize methods for building positive team relationships. |  | **Communications in Healthcare module****Competency 6** |  |
| *a. Characteristics* | * Focused and driven
* Interpersonal skills
* Motivates and inspires
* Organized and balanced
 | **Communications in Healthcare module****Competency 6A** |  |
| *b. Types* | * Autocratic
* Democratic
* Laissez faire
 | **Communications in Healthcare module****Competency 6C** |  |
| *c. Roles* | * Communicates vision
* Leads change
* Manages accountability
 | **Communications in Healthcare module****Competency 6C** |  |
| 8.2.3 Apply effective techniques for managing team conflict. | * Communicate assertively
* Set clear expectations
* Gather the facts
* Mediate disputes
* Negotiate resolutions
* Set clear expectations
 | **Communications in Healthcare module****Competency 6C** |  |
| 8.2.4 Evaluate why teamwork is an important part of healthcare and how it improves patient care. |  | **Communications in Healthcare module****Competency 3G, 3H** |  |

**Foundation Standard 9: Health Maintenance Practices Differentiate between wellness and disease. Promote disease prevention and model healthy behaviors.**

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| **9.1 Healthy Behaviors** |  | **HealthForce Healthcare Core Curriculum** |  |
| 9.1.1 Promote self-care behaviors of health and wellness. | * Exercise
* Nutrition
* Relationships
* Sleep habits
* Stress management
* Weight control
 | **Behaviors for Success in Healthcare module****Competency 5C** |  |
| 9.1.2 Examine various aspects of behavioral health. | * Anxiety
* Depression
* Substance abuse
* Suicide
 | **Awareness & Sensitivity to Client Needs module****Competency 3F** |  |
| 9.1.3 Describe public health strategies for prevention of disease. | * Community health education outreach programs
* Immunizations
* Medical, dental, and mental health screenings
* Routine physical exams
* Self-care behaviors
 | **Behaviors for Success in Healthcare module****Competency 2C** |  |
| 9.1.4 Investigate complementary and alternative health practices as they relate to wellness and disease prevention. | * Eastern medicine
* Holistic medicine
* Homeopathic medicine
* Manipulative medicine
 | **Behaviors for Success in Healthcare module****Competency 2D** |  |
| **9.2 Healthcare Across the Lifespan** |  |  |  |
| 9.2.1 Discuss physical, mental, social, and behavioral development and its impact on healthcare. |  | **Awareness & Sensitivity to Client Needs module****Competency 1-5** |  |
| 9.2.2 Identify socioeconomic determinants of health and wellness. |  | **Healthcare Ethics****Competency 5B** |  |

**Foundation Standard 10: Technical Skills Apply and demonstrate technical skills and knowledge common to health career specialties.**

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| **10.1 Technical Skills** |  | **NOT COVERED** |  |
| 10.1.1 Demonstrate procedures for measuring and recording vital signs in both normal and abnormal ranges-including but not limited to: | * Blood pressure
* Height and weight
* Oxygen saturation
* Pain
* Pulse
* Respirations
* Temperature
 | **NOT COVERED** |  |
| 10.1.2 Obtain training or certification in: | * Automated external defibrillator (AED)
* Cardiopulmonary resuscitation (CPR)
* First aid
* Foreign body airway obstruction (FBAO)
 | **NOT COVERED** |  |

*\*Additional technical skills may be included in a program of study based on career specialties*

**Foundation Standard 11:** **Information Technology in Healthcare** **Apply information technology practices common across health professions.**

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| **11.1 Key principles, components, and practices of health information systems (HIS)** |  | **Communications in Healthcare module****Competency 7B** |  |
| 11.1.1 Identify components of an electronic health record (EHR) and/or electronic medical record (EMR). | * Diagnostic tests
* History and physical
* Medications
* Patient demographics
* Progress notes
* Treatment plan
 | **Communications in Healthcare module****Competency 7B** |  |
| 11.1.2 Explore different types of health data collection tools. | * Medical wearable devices
* Patient monitoring equipment
* Phone apps
 | **Communications in Healthcare module****Competency 7B** |  |
| 11.1.3 Create electronic documentation that reflects timeliness, completeness, and accuracy. |  | **Communications in Healthcare module****Competency 5, 7D** |  |
| 11.1.4 Examine information systems policies, procedure, and regulations as required by national, state, and local entities. |  | **Communication in Healthcare Module****Competency 7** |  |
|  | * Facility policies
* HIPAA
* Medical coding
* Social media
 | **Communication in Healthcare Module****Competency 7****Healthcare Ethics** **Competency 2E****Legal Issues in Healthcare****Competency 4B, 5** |  |