

# Learning Standards for the Health Occupations Program of Study

Mt. Hood CTE Consortium

(The following list was created/edited by teachers at the secondary and post-secondary level in conjunction with local industry partners. These learning standards represent the common core that all teachers in the region will be responsible for teaching during the entire high school program of study.)

- A**            **A HEALTHCARE PROFESSIONAL WILL KNOW THE ACADEMIC SUBJECT MATTER REQUIRED FOR PROFICIENCY WITHIN THEIR AREA. THEY WILL USE THIS KNOWLEDGE AS NEEDED IN THEIR ROLE.**
- A      01      Demonstrate basic knowledge of human structure, function and development (chemical, cellular, tissue, and organ systems)
- A      02      Recognize body planes, directional terms, quadrants, and cavities
- A      03      Analyze basic structure and function of the human body including the effects of growth, development and aging
- A      04      Describe common diseases and disorders and treatment associated with each body systems (prevention, pathology, diagnosis, and treatment)
- A      05      Recognize emerging diseases and disorders
- A      06      Differentiate between acute and chronic diseases and disorder including mental health aspects
- A      07      Investigate biomedical therapies as they relate to prevention, pathology, and treatment of disease
- A      08      Understand and apply mathematical computations related to healthcare procedures (metric and household, conversions and measurements)
- A      09      Analyze diagrams, charts, graphs, and tables to interpret healthcare data
- A      10      Use statistical concepts to discuss incidence and prevalence rates in a population
- A      11      Record time using 24-hour clock
- A      12      Use roots, prefixes, and suffixes to communicate medical information
- A      13      Use medical abbreviations to communicate healthcare information
- B**            **HEALTHCARE PROFESSIONALS WILL UNDERSTAND HOW THEIR ROLE FITS INTO THEIR DEPARTMENT, THEIR ORGANIZATION AND THE OVERALL HEALTHCARE ENVIRONMENT. THEY WILL IDENTIFY HOW KEY SYSTEMS AFFECT SERVICES THEY PERFORM AND QAULITY OF CARE.**
- B      01      Explain healthcare delivery models (public, private, government, and non-profit)
- B      02      Explain factors influencing healthcare delivery systems
- B      03      Differentiate between the different kinds of healthcare systems: primary, secondary, and tertiary
- B      04      Describe responsibilities of consumers within the healthcare system.
- B      05      Explain the impact of emerging issues such as technology, epidemiology, bioethics, and socioeconomics on healthcare delivery systems
- B      06      Discuss common methods of payment for healthcare

- B 07 Construct a general systems model using inputs, throughputs, and a feedback loop
- B 08 Construct a healthcare delivery system model
- B 09 Predict where and how factors such as cost, managed care, technology, an aging population, access to care, alternative therapies, and lifestyle/behavior changes may affect various healthcare delivery system models
- B 10 Project outcomes as interconnected components of a modified healthcare system.
- B 11 Calculate the cost effectiveness of two separate healthcare delivery systems using the same client procedure
- B 12 Diagram the interdependence of healthcare professions within a given healthcare delivery system and pertaining to the delivery of quality healthcare
- B 13 Design a system analysis process that evaluates the following outcomes; client satisfaction, productivity, cost effectiveness, and efficiency
- B 14 Evaluate the impact of enhanced technology on the healthcare delivery system
- B 15 Explain the concept of system change as it applies to the healthcare environment
- B 16 Analyze the cause and effect on healthcare system change based on the influence of: technology, epidemiology, bio-ethics, socioeconomics, and various forms of complimentary (non-traditional) medicine.

**C HEALTHCARE PROFESSIONALS WILL UNDERSTAND THE EXISTING AND POTENTIAL HAZARDS TO CLIENTS, CO-WORKERS, AND SELF. THEY WILL PREVENT INJURY OR ILLSNESS THROUGH SAFE WORK PRACTICES AND FOLLOW HEALTH AND SAFETY POLICIES AND WORK PROCEDURES.**

- C 01 Explain and demonstrate infection control practices and procedures
- C 02 Practice appropriate cleaning, disinfecting, and sterilizing processes
- C 03 Compare and contrast medical and surgical asepsis
- C 04 Employ personal safety procedures based on Occupational Safety and Health Administration (OSHA) and Centers for Disease Control (CDC) regulations (including standard precautions)
- C 05 Apply principles of body mechanics and ergonomics
- C 06 Use personal protective equipment as appropriate to the environment
- C 07 Evaluate environment to recognize safe and unsafe working conditions
- C 08 Apply safety techniques to prevent accidents and to maintain a safe work environment
- C 09 Discuss the rationale for complying with regulatory mandates around disposal and handling of environmentally damaging hazardous substances
- C 10 Explain the environmental ramifications of incorrect disposal of hazardous wastes on the environment
- C 11 Recognize Materials Safety Data Sheets (MSDS)
- C 12 Comply with safety signs, symbols and labels
- C 13 Take appropriate action when observing a hazardous material problem
- C 14 Apply principles of basic emergency response in natural disasters and other emergencies
- C 15 Practice fire safety in a healthcare setting.

**D HEALTHCARE PROFESSIONALS WILL UNDERSTAND THE ROLES AND RESPONSIBILITIES OF INDIVIDUAL MEMBERS AS PART OF THE HEALTHCARE TEAM, INCLUDING EFFECTIVE AND SENSITIVE INTERACTION WITH ALL MEMBERS OF THE HEALTHCARE TEAM.**

- D 01 Explain roles and interrelationships within a healthcare team
- D 02 Recognize characteristics of effective teams
- D 03 Recognize methods for building positive team relationships
- D 04 Analyze attributes and attitudes of an effective leader
- D 05 Analyze attributes and attitudes of an effective team member
- D 06 Recognize factors and situations that may lead to conflict
- D 07 Apply effective techniques for managing team conflict
- D 08 Understand and demonstrate effective use of different communication styles in healthcare settings
- D 09 Demonstrate constructive feedback within a healthcare team

**E UNDERSTAND THE LEGAL RESPONSIBILITIES, LIMITATIONS, AND IMPLICATIONS OF THEIR ACTIONS WITHIN THE HEALTHCARE DELIVERY SETTING WHILE PERFORMING THEIR DUTIES ACCORDING TO REGULATIONS, POLICIES, LAWS, AND LEGISLATED RIGHTS OF CLIENTS.**

- E 01 Examine legal implications affecting healthcare workers
- E 02 Analyze legal responsibilities, limitations, and implications of actions
- E 03 Demonstrate problem solving techniques when confronted with legal dilemmas or issues
- E 04 Identify behaviors and practices that could result in malpractice, liability, or negligence
- E 05 Comply with policies and requirements for documentation and record keeping
- E 06 Perform duties according to regulations, policies, laws and legislated rights of clients
- E 07 Maintain clients' rights according to the applicable patients' Bill of Rights
- E 08 Maintain confidentiality according to Health Information Portability Access Act (HIPAA)
- E 09 Apply the doctrine of informed consent
- E 10 Explain the laws governing harassment, labor, and employment
- E 11 Analyze legislated scope of practice of healthcare professionals

**F HEALTHCARE PROFESSIONALS WILL UNDERSTAND ACCEPTED ETHICAL PRACTICES WITH RESPECT TO CULTURAL, SOCIAL, AND ETHNIC DIFFERENCES WITHIN THE HEALTHCARE ENVIRONMENT. THEY WILL PERFORM QUALITY HEALTHCARE DELIVERY.**

- F 01 Differentiate between ethical and legal issues impacting health care
- F 02 Compare personal, professional, and organizational ethics
- F 03 Recognize ethical issues and their implications related to healthcare
- F 04 Apply ethical behaviors in healthcare

- F 05 Apply procedures for reporting activities and behaviors that affect health, safety, and welfare of others
- F 06 Explore the aspects of patient advocacy and obligations
- F 07 Discuss how diversity affects healthcare delivery and participation
- F 08 Discuss the impact of religions and cultures on those giving and receiving healthcare with an understanding of past and present events
- F 09 Demonstrate respect of individual cultural, social, and ethnic diversity within the healthcare environment

**G HEALTHCARE PROFESSIONALS WILL APPLY TECHNICAL SKILLS REQUIRED FOR ALL CAREER SPECIALTIES. THEY WILL DEMONSTRATE SKILLS AND KNOWLEDGE AS APPROPRIATE.**

- G 01 Apply skills to obtain Cardiopulmonary Resuscitation (CPR), automated external defibrillator (AED), foreign body airway obstruction (FBAO) and first aid certification
- G 02 Apply procedures for measuring and recording vital signs

**H HEALTHCARE PROFESSIONALS WILL UNDERSTAND HOW EMPLOYABILITY SKILLS ENHANCE THEIR EMPLOYMENT OPPORTUNITIES AND JOB SATISFACTION. THEY WILL DEMONSTRATE KEY EMPLOYABILITY SKILLS AND WILL MAINTAIN AND UPGRADE SKILLS, AS NEEDED.**

- H 01 Classify personal traits or attitudes desirable in a member of the healthcare team
- H 02 Summarize basic professional standards of healthcare workers as they apply to appropriate hygiene, dress, language, confidentiality and behavior (i.e., courtesy and self-introductions)
- H 03 Apply employability skills in healthcare
- H 04 Exemplify professional characteristics
- H 05 Engage in continuous self-assessment and career goal medication for personal and professional growth
- H 06 Compare careers within health science career pathways (diagnostic services, therapeutic services, health informatics, supported services, or bioscience research and development)
- H 07 Explore current trends in healthcare occupations
- H 08 Recognize levels of education, credentialing requirements, employment opportunities, Mt Hood CTE Consortium - Career and Technical Education workplace environments, and career growth potential

**I HEALTHCARE PROFESSIONALS WILL UNDERSTAND THE FUNDAMENTALS OF WELLNESS AND THE PREVENTION OF DISEASE PROCESSES. THEY WILL PRACTICE PREVENTIVE HEALTH BEHAVIORS AMONG CLIENTS.**

- I 01 Apply behaviors that promote health and wellness
- I 02 Describe strategies for prevention of diseases including screenings and examinations
- I 03 Apply practices that promote prevention of disease and injury
- I 04 Identify high-risk behaviors and outline the various consequences

- I 05 Apply appropriate safety practices as related to high-risk behaviors
- I 06 Analyze nutritional labeling and how this information affects healthy decision making
- I 07 Discuss complementary and alternative health practices

**J HEALTHCARE PROFESSIONALS WILL USE INFORMATION TECHNOLOGY APPLICATIONS REQUIRED WITHIN ALL CAREER SPECIALTIES. THEY WILL DEMONSTRATE USE AS APPROPRIATE TO HEALTHCARE APPLICATIONS.**

- J 01 Identify records and files common to healthcare
- J 02 Interpret information from electronic medical documents
- J 03 Communicate using technology (fax, e-mail, internet) to access and distribute data and other information
- J 04 Recognize technology applications in healthcare
- J 05 Analyze factors that guide appropriate use and access of materials on the web including confidentiality of patients.