

Allied Health

INTRODUCTION TO ALLIED HEALTH

Level I Unit Outline

Unit 1: Safety and School Rules

- Safety drills, first aid, classroom and shop rules.
- The importance of safety in the CTE environment.
- What to do in the case of an emergency.
- Classroom contract.
- Identify and discuss applicability of and importance of agenda book contents and student guidelines and responsibilities.
- Identify and highlight key information on school citizenship, attendance, and dress code.

Unit 2: Environmental Health & Safety – Promotion of Safety

- Describe the role of the Occupational Safety and Health Administration (OSHA).
- Environmental Protection Agency (EPA), and Right to Know.
- Explain appropriate health and safety practices in the classroom, laboratory, and workplace.
- Identify common hazards in the classroom and laboratory.
- Describe the purpose of and how to use the MSDS/SDS.
- Interpret abbreviations for first aid and symptoms of exposure on MSDS/SDS.
- Identify and explain the use of personal protective equipment, emergency equipment, storage.
- Chemicals, reagents and compounds, and maintenance of equipment.
- Explain the importance of documenting and reporting hazards and compliance.
- Explain how to respond to various disasters.
- Discuss safety rules for the laboratory.
- Recognize the correct procedure for storing and handling hazardous materials.
- Find information on the classifications of chemical hazards, what types of health hazards a chemical may pose, what levels of medical attention are required following exposure to a hazardous chemical.
- Personal protective equipment required for handling a hazardous chemical.
- Locate the lab safety equipment.
- Locate online Material Safety Data Sheet (MSDS/SDS) databases.

Unit 3: Environmental Health & Safety- Infection Control

- Explain infection control procedures.
- Demonstrate personal safety practices.
- Use techniques to ensure environmental safety.
- Identify common safety hazards.
- Describe healthy and safe behaviors.
- Utilize emergency procedures and protocols.

- Apply techniques for patient/ client safety when positioning, transferring and transporting patients / clients.
- Use equipment for positioning, transferring and transporting patients/clients safely.
- Employ techniques for effectively communicating health/medical information within legal/regulatory guidelines.
- Employ techniques for confidentially communicating health/medical information within legal/regulatory guidelines.
- Perform cleaning and decontamination tasks using the best practices for eliminating pathogenic organisms.
- Employ best safety practices for handling hazardous materials and managing waste.
- Employ best safety practices for handling and storing a variety of materials common to the health services environment.

Unit 4: Introduction to Medical Terminology

- Explain the purpose of medical terminology.
- Define the terms root, suffix, and prefix.
- Explain what combining forms are and why they are used.
- Name the languages from which most medical word parts are derived.
- Pronounce words according to the pronunciation guide used in this text.
- List some features of medical dictionaries.
- Analyze some concepts of medical terminology in a case study.

Unit 5: Intro to Medical Terminology- Surfaces, Planes, & Directions

- Define the main directional terms used in anatomy.
- Describe division of the body along three different planes.
- Locate the dorsal and ventral body cavities.
- Locate the nine divisions of the abdomen.
- Locate the four quadrants of the abdomen.
- Describe the main body positions used in medical practice.
- Define basic terms describing body structure.
- Recognize and use roots pertaining to body regions.
- Recognize and use prefixes pertaining to position and direction.
- Analyze terms pertaining to body structure in a case study.

Unit 6: Intro to Medical Terminology- Look Alike Sound Alike Terms

- Define a prefix and explain how a prefix is used.
- Identify and define some of the prefixes used in medical terminology.
- Use prefixes to form words used in medical terminology.
- Identify prefixes that sound alike.
- Identify prefixes that are spelled alike.

Unit 7: Anatomy & Physiology & Medical Terminology- Intro to Cells, Tissues, Organs, & Systems

- List the simplest to the most complex levels of a living organism.
- Describe the main parts of a cell.

- Label a diagram of a typical cell.
- Name and give the functions of the four basic types of tissues in the body.
- Define basic terms pertaining to the structure and function of body tissues.
- Recognize and use roots and suffixes pertaining to cells, tissues, and organs.
- Analyze case studies pertaining to cells and tissues.

Unit 8: Anatomy & Physiology & Medical Terminology- Disease

- List the major categories of diseases.
- Compare the common types of infectious organisms, and list some diseases caused by each.
- Describe some common responses to disease.
- Define and give examples of neoplasia.
- Identify and use word parts pertaining to diseases.
- Define the major terms describing types of diseases.
- List and define the major manifestations of diseases.
- Analyze the disease terminology in several case studies.
- Microorganisms can adapt to their environment and change in order to survive.
- Understanding how disease spreads provides practices leading to prevention and control.
- Young children and the elderly have weaker immune systems and are more susceptible to infectious diseases.
- Caregivers are responsible for the patient's safety and their own wellbeing.
- Many myths and false beliefs exist regarding elderly individuals.
- Physical changes occur in all individuals as a normal part of the aging process.

Unit 9: Intro to Pharmacology

- Explain the difference between over-the-counter and prescription drugs.
- List some potential adverse side effects of drugs.
- Explain ways in which drugs can interact.
- Explain the difference between the generic name and the brand name of a drug.
- List several drug references.
- Describe some of the issues involved in the use of herbal medicines.
- Identify and use word parts pertaining to drugs.
- Describe the 6 Rights of medication administration.
- Recognize the major categories of drugs and how they act.
- List some common herbal medicines and how they act.
- List common routes for drug administration.
- List standard forms in which liquid and solid drugs are prepared.
- Define abbreviations related to drugs and their use.
- Analyze the terminology related to drugs in several case studies.

Unit 10: Intro to Health Careers

- Identify five major events in the history of healthcare and why they are important.

- Describe ten different health careers including duties, educational requirements, and employment opportunities.
- Describe various healthcare facilities.
- Compare educational requirements for associates, bachelor's and master's degrees.
- Identify four factors that interfere with communication.
- Be familiar with the benefits of teamwork and the basic characteristics of a leader.
- List the six rights of a patient who is receiving health care.
- Describe ways to show respect for cultural diversity.
- Describe health care legal and ethical responsibilities.
- Provide examples of how bias and prejudice can cause barriers to communication and relationship building.
- Describe how computers are being used in today's healthcare environment.
- Identify precautions to maintain patient confidentiality.
- List five job keeping skills.
- Reflect on personal skill set, interests and discuss ways to research and pursue future career paths in health care using tools like the internet.
- Research and gain in-depth knowledge of health-related careers of his/her interest.

Unit 11: Professional Development- Career Portfolio

- How to properly identify and a good vs bad resume and cover letter sample
- Create a professional portfolio based on the rubric provided.
- How to tailor their portfolio to a specific career.
- Learn how to research job posting.
- How to align career requirements with experience.
- How to market themselves.

Unit 12: Professional Development- Interviewing Skills

- How to properly identify a good interview vs a bad interview.
- How to properly conduct oneself in an interview.
- How to successfully prepare for an interview.
- List common interviewing questions.
- Successfully answer common interview questions.
- Describe and apply the STAR method when answering questions.
- Discuss what the interviewer is looking for with each question being asked.
- Identify non-verbal communication during an interview.
- Discuss proper vs improper dress during an interview.
- Why it is important to research a company/facility before a job interview.
- Why it's important to tailor your resume and cover letter for the job in which you are applying.
- Identify realistic job choices based on personal and professional qualities.

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New Jersey Student Learning Standards (NJSLS)

NJSLS: CTE.9.3

CONTENT AREA:	9.3 CAREER AND TECHNICAL EDUCATION
HEALTH SCIENCE CAREER CLUSTER	
Number	Standard Statement
<i>By the end of Grade 12, Career and Technical Education Program completers will be able to:</i>	
CAREER CLUSTER®:	HEALTH SCIENCE (HL)
9.3.HL.1	Determine academic subject matter, in addition to high school graduation requirements, necessary for pursuing a health science career.
9.3.HL.2	Explain the healthcare workers' role within their department, their organization and the overall healthcare system
9.3.HL.3	Identify existing and potential hazards to clients, coworkers, visitors and self in the healthcare workplace
9.3.HL.4	Evaluate the roles and responsibilities of individual members as part of the healthcare team and explain their role in promoting the delivery of quality health care.
9.3.HL.5	Analyze the legal and ethical responsibilities, limitations and implications of actions within the healthcare workplace.
9.3.HL.6	Evaluate accepted ethical practices with respect to cultural, social and ethnic differences within the healthcare workplace.
CAREER CLUSTER®:	HEALTH SCIENCE (HL)
PATHWAY	HEALTH INFORMATICS (HL-HI)
9.3.HL-HI.1	Communicate health information accurately and within legal and regulatory guidelines, upholding the strictest standards of confidentiality.
9.3.HL-HI.2	Describe the content and diverse uses of health information.
9.3.HL-HI.3	Demonstrate the use of systems used to capture, retrieve and maintain confidential health information from internal and external sources.
CAREER CLUSTER®:	HEALTH SCIENCE (HL)
PATHWAY	THERAPEUTIC SERVICES HL-THR
9.3.HL-THR.1	Utilize communication strategies to answer patient/client questions and concerns on planned procedures and goals.
9.3.HL-THR.2	Communicate patient/client information among healthcare team members to facilitate a team approach to patient care.

9.3.HL-THR.3	Utilize processes for assessing, monitoring and reporting patient's/clients' health status to the treatment team within protocol and scope of practice.
9.3.HL-THR.4	Evaluate patient/client needs, strengths and problems in order to determine if treatment goals are being met.