

Unit	Lesson	Lesson Objectives
<b>Health Science Pathways and Careers</b>		
<b>Studying Health Science</b>		
<ul style="list-style-type: none"> <li>Describe techniques for studying health science information.</li> <li>Differentiate between health science and health care.</li> <li>Explain fields of study that are important to health science.</li> </ul>		
<b>Evolution of the Health Science Industry</b>		
<ul style="list-style-type: none"> <li>Compare and contrast modern medical practice with ancient ideas related to health.</li> <li>Describe the major developments of healthcare history from ancient times until the present day.</li> <li>Describe the recent evolution of the healthcare industry.</li> </ul>		
<b>Diagnostic Pathways and Careers</b>		
<ul style="list-style-type: none"> <li>Describe the characteristics of a diagnostic health science career.</li> <li>Identify specialized trainings and certifications common in diagnostic careers.</li> <li>Identify the responsibilities of various diagnostic health science careers.</li> </ul>		
<b>Therapeutic Pathways and Careers</b>		
<ul style="list-style-type: none"> <li>Describe the characteristics of a therapeutic health science career.</li> <li>Identify specialized trainings and certifications common in therapeutic careers.</li> <li>Identify the responsibilities of various therapeutic health science careers.</li> </ul>		
<b>Health Informatics Pathways and Careers</b>		
<ul style="list-style-type: none"> <li>Describe the characteristics of a health informatics health science career.</li> <li>Identify specialized trainings and certifications common in health informatics careers.</li> <li>Identify the responsibilities of various health informatics health science careers.</li> </ul>		
<b>Support Services Pathways and Careers</b>		
<ul style="list-style-type: none"> <li>Describe the characteristics of a support services health science career.</li> <li>Identify specialized trainings and certifications common in biotechnology development and research careers.</li> <li>Identify the responsibilities of various support services health science careers.</li> </ul>		
<b>Biotechnology Development and Research Pathways and Careers</b>		
<ul style="list-style-type: none"> <li>Describe the characteristics of biotechnology research and development health science careers.</li> <li>Identify specialized trainings and certifications common in biotechnology research and development careers.</li> <li>Identify the responsibilities of various biotechnology research and development health science careers.</li> </ul>		

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<b>Trends and the Future of Health Science</b>		
<p>Analyze current trends in the drive to improve health care and healthcare delivery.</p> <p>Describe the job outlook for health science careers.</p> <p>Describe the ways technology has influenced health care.</p> <p>Explain the impact of technology on healthcare delivery.</p>		
<b>Pursuing Health Science Careers</b>		
<b>Career Self-Assessment</b>		
<p>Analyze personal goals and career interests.</p> <p>Identify ways to find information about health science careers.</p>		
<b>Certification</b>		
<p>Discuss laws which mandate certification requirements for employment in the healthcare industry.</p> <p>Explain the role and importance of certifications and licensure in the healthcare profession.</p> <p>Identify the government and professional organizations which regulate the credentialing and licensure process.</p>		
<b>Planning for Career Requirements</b>		
<p>Explain the process for acquiring necessary certification, licensure, and registration for a health science career.</p> <p>Identify the credentialing processes necessary for healthcare careers, including certification, licensure, and registration.</p>		
<b>Career Portfolio and Resume</b>		
<p>Describe the role of references and work samples.</p> <p>Identify documentation necessary for a job search, including career portfolios and resumes.</p> <p>Identify the components and traits of a cover letter.</p> <p>Identify the components and traits of a professional résumé.</p>		
<b>Job Hunting</b>		
<p>Explain the importance of self representation skills in career fields.</p> <p>Identify personal traits or attitudes desirable in a member of the healthcare team.</p> <p>Identify ways to find out about job opportunities.</p> <p>Interpret job advertisements.</p>		
<b>Professionalism</b>		
<p>? Identify personal qualities that contribute to professionalism.</p> <p>Describe strategies for managing resources.</p> <p>Describe strategies for managing time and tasks.</p>		

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<b>Professional Development</b>		
<p>Explain how to retain and advance employment in a rapidly changing workplace.</p> <p>Explain the importance of ongoing professional development in the healthcare industry.</p> <p>Identify methods of attaining ongoing training in the healthcare industry.</p>		
<b>Career Options</b>		
<p>Examine entrepreneurship as a career planning option.</p> <p>Explain the steps necessary to become an entrepreneur in the health science industry.</p> <p>Recognize the impact of career decisions.</p>		
<b>Workplace Law</b>		
<p>Describe effective strategies for handling sexual harassment and other kinds of harassment in the workplace.</p> <p>Explain government regulations which affect labor and employment.</p> <p>Identify the main antidiscrimination laws and explain their role in protecting workers.</p>		
<b>Ethics and the Law</b>		
<b>Ethics</b>		
<p>Define the concepts of ethics and integrity and explain how they are related.</p> <p>Describe personal, professional, and organizational ethics.</p> <p>Examine current ethical issues related to the healthcare industry.</p> <p>Explain how and why regulations are needed to promote ethical behavior in the health science industry.</p> <p>Explain the purpose of Professional Standards of Care.</p>		
<b>Patient Bill of Rights</b>		
<p>Explain how federal legislation and activity has defined, codified, and protected the rights of patients.</p> <p>Explain the concepts of the Patient's Bill of Rights.</p> <p>Explain the importance of the Patient's Bill of Rights.</p>		
<b>Medical Ethics and Advance Directives</b>		
<p>Explain the conflict between beneficence and autonomy.</p> <p>Explain the importance of legal contracts in healthcare delivery, especially in regards to advance directives.</p> <p>Explain the relationship between the concept of autonomy and the doctrine of informed consent.</p>		

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<b>Confidentiality</b>		
<p>Define confidentiality.</p> <p>Define privacy and privileged communication.</p> <p>Explain how the Health Insurance Portability and Accountability Act (HIPAA) helps protect patient confidentiality.</p> <p>Explain the importance of confidentiality in health care.</p>		
<b>Workplace Liability and Malpractice</b>		
<p>Examine the effect of liability on employers and employees in the health science industry.</p> <p>Explain practices that could result in malpractice, liability and/or negligence.</p> <p>Explain the responsibilities of healthcare workers to report illegal or unethical healthcare practices.</p> <p>Recognize the limits of authority and responsibility of healthcare workers.</p>		
<b>Risk Management</b>		
<p>Describe the relationship between incident reporting and quality improvements.</p> <p>Explain the importance of incident reporting protocols and investigations.</p> <p>Explain the role of risk management in healthcare.</p>		
<b>Recognizing and Reporting Abuse</b>		
<p>Describe the responsibilities health science workers in reporting domestic violence.</p> <p>Explain the responsibilities health science workers have in responding to suspected domestic violence.</p> <p>Identify the signs that indicate possible abuse or neglect.</p>		
<b>Healthcare Systems</b>		
<b>Healthcare System Components</b>		
<p>Describe the interdependence of healthcare professions and systems within the healthcare system.</p> <p>Explain systems theory.</p> <p>Explain the components of a healthcare system.</p>		
<b>Healthcare Facilities</b>		
<p>Differentiate between for-profit, non-profit, and government run healthcare facilities.</p> <p>Identify common types of healthcare facilities.</p>		
<b>Health Insurance</b>		
<p>Define health insurance.</p> <p>Identify and differentiate between common types of health insurance plans.</p> <p>Identify various health insurance plan components.</p>		

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<b>Health Care and Society</b>		
<p>Analyze the role of the healthcare industry in public health issues.</p> <p>Examine community and social issues related to an health science industry.</p> <p>Examine labor issues related to an health science industry.</p> <p>Explain how the practice of lobbying affects the healthcare industry.</p>		
<b>Health Care as a Business</b>		
<p>Describe the impact of business on healthcare environments.</p> <p>Describe the role of financial responsibility within the health science industry.</p> <p>Describe the role of management within a health science industry.</p> <p>Describe the role of planning within the health science industry.</p>		
<b>Healthcare Providers and Consumers</b>		
<p>Describe the role of professionals in a variety of healthcare delivery systems.</p> <p>Differentiate among the types of medical care delivery systems.</p> <p>Identify services provided in a variety of healthcare delivery systems.</p> <p>Identify the roles and responsibilities of the consumer within the healthcare system.</p>		
<b>Healthcare Trends</b>		
<p>Analyze current trends in healthcare delivery systems.</p> <p>Examine the impact of the Internet on the healthcare industry and on the individual consumer.</p> <p>Explain how healthcare services impact the economy.</p>		
<b>Responsibility and Quality Control in Health Care</b>		
<p>Examine health, safety, and environmental issues related to an health science industry.</p> <p>Explain the rationale for having quality control systems in the healthcare industry.</p> <p>List and describe quality control systems and practices common in the healthcare industry.</p>		
<b>Patient Care</b>		
<b>Patient Care Approaches</b>		
<p>Describe ways to provide patient care that is respectful of ethnic, religious, cultural, and personal preferences.</p> <p>Explain why it is important for healthcare professionals to be aware of diverse characteristics in patients.</p>		
<b>Patient Communication</b>		
<p>Describe ways in which public relations skills and effective communication with patients can provide customer satisfaction.</p> <p>Identify the principles of communication used in establishing relationships between healthcare workers and patients.</p>		

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<b>Patient Education</b>		
<p>Describe methods of explaining technical information at levels accessible to a variety of patients.</p> <p>Explain the importance of patient/client education in health care.</p> <p>Identify the common types of information that a patient or client may be interested in.</p>		
<b>Handling Client Information</b>		
<p>Describe the legal and professional standards for accessing, reporting, and documenting client health information.</p> <p>Describe the rationale for policies and procedures for handling personal information.</p> <p>Explain the process and importance of establishing patient identification and medical history.</p>		
<b>Medical Records</b>		
<p>Describe the legal implications of medical records.</p> <p>Explain the purpose of medical records.</p> <p>Identify the components of the medical record.</p>		
<b>Vital Signs</b>		
<p>Define vital signs and explain their purpose.</p> <p>Describe what is being measured for each vital sign.</p> <p>Explain the proper procedure for monitoring and recording vital signs.</p>		
<b>Body Mechanics and Ergonomics for Patients</b>		
<p>Explain the importance of body mechanics and ergonomics in a healthcare setting.</p> <p>Identify and analyze the principles of body mechanics and movements.</p> <p>Identify the basic medical exam positions.</p>		
<b>Patient Ergonomics, Safety, and Transport</b>		
<p>Demonstrate procedures for the safe transport and transfer of patients.</p> <p>Identify the basic medical exam positions that require ergonomics and patient safety considerations.</p>		
<b>Health and Wellness</b>		
<b>Wellness</b>		
<p>Describe how healthy and unhealthy behaviors affect wellness.</p> <p>Describe the importance of prevention.</p> <p>Differentiate between controllable and uncontrollable risk factors.</p> <p>Identify the fundamentals of wellness.</p>		

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<b>Cognitive and Emotional Development</b>		
<p>Describe common cognitive changes that occur from birth to adulthood.</p> <p>Describe common emotional changes that occur from birth to adulthood.</p> <p>Explain Maslow's hierarchy of human needs.</p> <p>Identify the effects of relationships on health and wellness.</p>		
<b>Wellness and Life Changes</b>		
<p>Describe the effects of aging on physical health and wellness.</p> <p>Examine various concepts of dealing with dying, death, and grief.</p>		
<b>Effects of Illness and Drug Abuse</b>		
<p>Discuss the adverse effects of the use of alcohol, illegal drugs, steroids and other high risk behaviors on the human body.</p> <p>Identify psychological reactions to illness including defense mechanisms.</p>		
<b>Disease Prevention and Wellness</b>		
<p>Describe the elements of a wellness and stress control plan that can be used in personal and professional life.</p> <p>Identify fundamentals disease prevention strategies.</p>		
<b>Diet and Wellness</b>		
<p>Describe dietary guidelines and explain basic dietary management.</p> <p>Explain how the body achieves nutrition through the digestion and metabolism of food.</p> <p>Identify the nutrients necessary for good achieving health and wellness.</p>		
<b>Food Safety and Handling</b>		
<p>Describe food safety laws and regulations in the US.</p> <p>Describe international food safety practices.</p> <p>Identify principles of safe food handling.</p>		
<b>Diversity in Health Care</b>		
<p>Define holistic care.</p> <p>Describe the relationship between culture, ethnicity, and race.</p> <p>Explain the importance of understanding cultural diversity in health care.</p> <p>Identify various factors that interfere with the acceptance of cultural diversity.</p>		
<b>Diverse Health Care Beliefs and Practices</b>		
<p>Compare and contrast various complementary and alternative health practices.</p> <p>Identify and evaluate cultural and religious differences in healthcare delivery concepts, methods, and techniques.</p> <p>Identify diverse beliefs and describe how they influence healthcare.</p> <p>Identify various factors that interfere with the acceptance of cultural diversity.</p>		

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<b>Safety in the Workplace</b>		
<b>Healthcare Laws and Regulations</b>		
<ul style="list-style-type: none"> <li>Differentiate between federal and state laws and regulations governing health care</li> <li>Identify professional agencies and organizations in the healthcare field and their roles</li> <li>Identify the government institutions that affect the healthcare industry</li> </ul>		
<b>Healthcare Safety Regulatory Agencies</b>		
<ul style="list-style-type: none"> <li>Discuss the Joint Commission on Accreditation of Health Organization's role in setting safety standards for patients</li> <li>Explain the role of each of the governing regulatory agencies on the practice of health care</li> <li>Explain the scope of the Centers for Disease Control and Prevention (CDC) and the Occupational Safety and Health Administration (OSHA)</li> <li>Identify various governing regulatory agencies</li> </ul>		
<b>Hazards in Health Care</b>		
<ul style="list-style-type: none"> <li>Describe safety procedures and how they serve to keep healthcare environments safe</li> <li>Describe the Occupational Safety and Health Association (OSHA) and Centers for Disease Control (CDC) policies and procedures for handling and disposing of infectious and hazardous materials</li> <li>Identify common hazards and hazardous materials found in healthcare settings</li> </ul>		
<b>Safety Policies and Procedures</b>		
<ul style="list-style-type: none"> <li>Define and differentiate between policies, procedures, and protocols</li> <li>Explain the importance of complying with institutional policies and procedures in order to maintain a safe and clean work environment</li> <li>Identify common safety practices in all aspects of the health science industry</li> <li>Justify the rationale behind protocols and safety procedures</li> </ul>		
<b>Maintaining a Safe Work Environment</b>		
<ul style="list-style-type: none"> <li>Analyze the role and the responsibilities of the healthcare provider (student) in the classroom, laboratory, and various workplace settings in an emergency situation</li> <li>Explain the importance of a safe work environment</li> <li>Identify and practice security procedures for medical supplies and equipment</li> <li>Identify safety precautions and practices that can help maintain safety in healthcare environments</li> <li>Recognize Materials Safety Data Sheets (MSDS) and comply with safety signs, symbols and labels</li> </ul>		
<b>Disaster Planning</b>		
<ul style="list-style-type: none"> <li>Explain proper disaster preparedness procedures for a variety of emergency situations</li> <li>Identify items found in a basic emergency kit</li> <li>Identify the components of disaster planning</li> </ul>		



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<b>Managing Emergency Scenarios</b>		
<ul style="list-style-type: none"> <li>Describe principles of emergency management</li> <li>Explain the components of fire safety and dealing with fires</li> <li>Identify the four stages of emergency management</li> </ul>		
<b>Reducing Medical Errors</b>		
<ul style="list-style-type: none"> <li>Describe methods to prevent medical errors in the various healthcare settings</li> <li>Explain the importance of reducing and preventing medical errors in various healthcare settings</li> <li>Identify methods to reduce medical errors in the various healthcare settings</li> </ul>		
<b>First Aid</b>		
<b>Infection Control and Asepsis</b>		
<ul style="list-style-type: none"> <li>Differentiate between cleaning, disinfecting, and sterilizing</li> <li>Evaluate the need for asepsis in the healthcare environment</li> <li>Explain the principles of infection control and asepsis</li> <li>Explain the steps and purpose of medical aseptic techniques</li> </ul>		
<b>Chain of Infection</b>		
<ul style="list-style-type: none"> <li>Describe the purpose for and identify various types of isolation techniques</li> <li>Explain how to destroy or control the spread of infections</li> <li>Explain the chain of transmission of infection</li> <li>Identify common hospital-acquired infections</li> </ul>		
<b>First Aid and Emergency Response</b>		
<ul style="list-style-type: none"> <li>Describe legal parameters relating to the administration of emergency care</li> <li>Explain how the use of personal protective equipment can help a first responder apply life support techniques safely</li> <li>Identify basic life support equipment</li> <li>Identify basic life support techniques</li> <li>Identify personal protective equipment</li> </ul>		
<b>Blood-Borne Diseases</b>		
<ul style="list-style-type: none"> <li>Demonstrate knowledge of the legal aspects of AIDS, including testing</li> <li>Distinguish between fact and fallacy about the transmission and treatment of diseases caused by blood-borne pathogens by identifying "at-risk" behaviors</li>   <li>Explain the infection control techniques that can help prevent the spread of diseases caused by blood-borne pathogens</li> <li>Identify community resources and services available to the individuals with diseases caused by blood-borne pathogens</li> </ul>		
<b>Emergency Care: Falls and Poisoning</b>		
<ul style="list-style-type: none"> <li>Describe the causes, symptoms, and treatments of medical emergencies related to falls</li> <li>Describe the causes, symptoms, and treatments of medical emergencies related to poison and adverse drug reactions</li> <li>Explain how to respond to falls and poisoning cases</li> </ul>		

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<b>Emergency Care: Trauma and Shock</b>		
<p>Describe the causes, symptoms, and treatments of medical emergencies related to shock</p> <p>Describe the causes, symptoms, and treatments of medical emergencies related to trauma</p> <p>Explain why burns are considered a type of trauma</p>		
<b>Emergency Care: Seizures and Strokes</b>		
<p>Describe the causes, symptoms, and treatments of medical emergencies related to seizures</p> <p>Describe the causes, symptoms, and treatments of medical emergencies related to strokes.</p> <p>Explain how to respond to seizures and strokes</p>		
<b>Incident Recordkeeping in Health Care</b>		
<p>Describe recordkeeping activities in health care</p> <p>Explain how recordkeeping activities can help prevent and reduce incidents in the workplace</p>		
<b>Communication, Leadership, and Teamwork</b>		
<b>Communication Fundamentals</b>		
<p>Define and differentiate between verbal and non-verbal communication</p> <p>Define communication, and analyze the process of communication</p> <p>Distinguish between effective and ineffective communication</p> <p>Explain the appropriate response to verbal and non-verbal cues</p>		
<b>Diverse Communication Practices</b>		
<p>Explain how to adapt communication skills for a diverse audience</p> <p>Identify effective communications skills necessary for responding to the needs of individuals in a diverse society</p> <p>Identify the consequences of poor communication</p>		
<b>Overcoming Communication Barriers</b>		
<p>Explain how communication barriers can affect the patient's ability and motivation to communicate</p> <p>Explain how communication barriers can be overcome</p> <p>Identify effective methods of communicating with patients who have physical, behavioral, or emotional impairments</p> <p>Identify the types of barriers which may interfere with effective communication</p>		
<b>Leadership</b>		
<p>Define leadership</p> <p>Describe the skills and responsibilities of a leader</p> <p>Explain how leaders who use mentoring can impact teams</p>		

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<b>Teamwork</b>		
<p>Explain basic concepts of teamwork, and analyze different types of teams</p> <p>Explain the necessity of teamwork in providing quality healthcare services</p> <p>Identify the collaborative role of team members between systems to deliver quality health care</p> <p>Identify the common roles and responsibilities of healthcare team members</p>		
<b>Conflict Resolution</b>		
<p>Define conflict resolution</p> <p>Employ critical thinking and interpersonal skills to resolve conflicts</p> <p>Identify effective techniques for resolving conflict</p>		
<b>Meetings</b>		
<p>Demonstrate the ability to effectively conduct meetings</p> <p>Demonstrate the ability to effectively participate in meetings</p> <p>Explain how meetings can be effective tools to accomplish goals</p>		
<b>Student Organizations</b>		
<p>Explain how student organizations help foster leadership</p> <p>Explain the purpose of Career and Technical Student Organizations.</p> <p>Identify the benefits of belonging to Health Occupations Students of America (HOSA)</p> <p>Identify the purposes and goals of a student organization</p>		
<b>Health Science Career Skills</b>		
<b>Listening and Speaking</b>		
<p>Identify effective speaking and listening skills.</p> <p>Organize and develop ideas into accurate verbal reports.</p> <p>Plan and prepare effective oral presentations.</p>		
<b>Reading</b>		
<p>Define plagiarism and learn how to avoid it through proper documentation skills</p> <p>Demonstrate effective reading and writing skills</p> <p>Identify effective reading and writing skills</p> <p>Locate, organize and reference written information from various sources</p> <p>Select and employ appropriate communication concepts and strategies to enhance oral and written communication in the workplace</p>		
<b>Math Skills</b>		
<p>Convert units between systems of measurement, including metric and traditional units, and regular time to 24-hour time</p> <p>Demonstrate knowledge of common arithmetic operations in health care</p> <p>Make estimates and approximations and judge the reasonableness of the result</p>		

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		<p><b>Calculating Medication Dosages</b></p> <ul style="list-style-type: none"> <li>Identify the main systems of measurement for medication</li> <li>Perform simple calculations related to measuring and converting doses of medication</li> </ul>
		<p><b>Science Skills</b></p> <ul style="list-style-type: none"> <li>Collect and evaluate data, and develop scientific recommendations based on findings</li> <li>Discuss the role of creativity in constructing scientific questions, carrying out methods, and developing explanations</li> <li>Distinguish between subjective and objective information</li> <li>Formulate scientifically investigable questions and construct investigations</li> </ul>
		<p><b>Observation and Reporting Skills</b></p> <ul style="list-style-type: none"> <li>Develop basic observational skills and related documentation strategies in written and oral form</li> <li>Identify the characteristics of good observational and reporting skills</li> <li>Report relevant information in order of occurrence</li> </ul>
		<p><b>Reasoning Skills</b></p> <ul style="list-style-type: none"> <li>Demonstrate ability to evaluate and draw conclusions</li> <li>Explain the theory of root-cause analysis as used in health science</li> <li>Organize and communicate the results obtained by observation and experimentation</li> </ul>
		<p><b>Using Data with Tables, Charts, and Graphs</b></p> <ul style="list-style-type: none"> <li>Apply data from tables, charts and graphs to provide solutions to health-related problems</li> <li>Create tables, charts and graphs from data</li> <li>Define tables, charts and graphs</li> <li>Interpret tables, charts and graphs from data</li> </ul>
		<p><b>Technology in Health Science</b></p> <p><b>Using Technology in Health Care</b></p> <ul style="list-style-type: none"> <li>Define terms and demonstrate basic computer skills</li> <li>Describe the uses of computers in health care</li> <li>Employ collaborative/groupware applications to facilitate group work</li> <li>Use personal information management (PIM) applications to increase workplace efficiency</li> </ul>
		<p><b>Information Technology</b></p> <ul style="list-style-type: none"> <li>Define information technology and informatics</li> <li>Explain necessary information technology skills</li> <li>Identify healthcare technology equipment used in diagnostic, therapeutic, health informatics, support services, and biotechnology research and development systems, and relate findings to identified societal risk factors</li> </ul>

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<b>Use and Safety of the Internet</b>		
<p>Demonstrate an understanding of Internet use and security issues</p> <p>Demonstrate and differentiate between appropriate and inappropriate use of telecommunications technology</p> <p>Identify Internet safety issues and procedures for complying with acceptable use standards</p>		
<b>Technical Skills</b>		
<p>Examine principles of technology that underlie the health and medical science industry</p> <p>Identify the technical skills required of workers in the health and medical science industry</p> <p>Interpret technical information related to the health science industry</p>		
<b>Using Medical Equipment</b>		
<p>Demonstrate the safe use of medical equipment</p> <p>Explain and summarize the process for reporting equipment or technology malfunctions</p> <p>Explain radiographic safety</p> <p>Identify various types of medical equipment</p>		
<b>Biotechnology</b>		
<p>Define biotechnology, and explain biotechnological concepts</p> <p>Describe the impact of biotechnology on preventive health care</p> <p>Describe the role biotechnology plays in medical forensics used in criminal investigations</p> <p>Discuss the ethics of biotechnology and other technological advances</p>		
<b>Specimen Preparation and Handling</b>		
<p>Analyze the process for examining cells to determine quantity and/or to look for abnormal cells in blood and other body fluids and tissues</p> <p>Analyze the process for studying body fluids and cells for bacteria, parasites, and other microorganisms</p> <p>Describe specimen preparation and handling</p>		
<b>Laboratory Procedure</b>		
<p>Explain how to assess lab findings using automated equipment and computerized instruments, microscopes, cell counters, and/or other sophisticated laboratory equipment</p> <p>Explain how to document results of laboratory findings</p> <p>Explain how to relay lab results to physicians</p>		