

Nevada Health Occupations Education Standards	Applied Technologies Health Science	Health Science Foundations											Health Science Career Pathways														
		Academic Foundations	Communications	Systems	Employability Skills	Legal Responsibilities	Ethics	Safety Practices	Teamwork	Health Maintenance Practices	Technical Skills	Information Technology Skills	Alternative Medicine	Biomedical Applications	Cardiac Diagnostics	Clinical Laboratory Science	Dental Diagnostics	First Aid/CPR	Forensic Science	Imaging Diagnostics	Medical Office Technology	Optical Diagnostics	Pathogens and Disease	Pharmacology	Sports Medicine	Veterinary Medicine	
<b>A. Professionalism: Student will identify and practice professional behaviors in the healthcare setting.</b>																											
<b>1.1 The student demonstrates knowledge of and compliance with ethical behaviors.</b>																											
1.1.1 Explain the difference between ethical, unethical, and legal issues as they impact healthcare.	✓					X	X																			X	
1.1.2 Demonstrate professionalism when interacting with students, co-workers, and others.	✓		X	X	X	X	X	X	X	X	X	X	X	X		X		X	X		X	X	X		X	X	X
1.1.3 Practice responsibly and ethically within the patient's bill of rights.	✓					X	X																				
1.1.4 Demonstrate fairness and equal treatment of all persons.	✓		X			X	X		X						X					X							
1.1.5 Express knowledge of healthcare professional code of ethics.	✓						X																				
1.1.6 Exercise respect for the interdisciplinary roles between team members.	✓								X																		
1.1.7 Differentiate between morality and ethics and the relationship of each to healthcare outcomes.	✓						X																				
1.1.8 Contrast personal, professional, and organizational ethics.	✓						X																				

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1.2 The student will perform his/her duties according to regulations, policies, laws, and legislative rights of clients while understanding the legal responsibilities, limitations, and implications of his/her actions.																											
1.2.1 Examine behaviors and practices that could result in malpractice liability or negligence.	✓				X	X																				X	
1.2.2 Identify policies and requirements for documentation and recordkeeping.	✓	X			X		X				X	X				X		X	X	X	X	X	X	X	X		
1.2.3 Explain risk management criteria and procedures.	✓				X																						
1.2.4 Explain when an incident/occurrence is reportable.	✓				X																						
1.2.5 Explain the principles of informed consent.	✓				X	X													X								
1.2.6 Identify boundaries/limits within licensure, certification, registration, and legislated scope of practice.	✓				X							X									X			X			
1.2.7 Compare and contrast informed consent and implied consent.	✓				X	X						X															
1.2.8 Apply mandated standards for harassment, labor, and employment laws.	✓				X	X																					

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1.2.9 Comply with non-discriminatory laws.	✓					X																					
<b>1.3 The student will interact effectively and sensitively with others while showing respect for cultural and social diversity.</b>																											
1.3.1 Identify the impact of religions and cultures in the provision of healthcare.	✓			X		X								X													
1.3.2 Investigate various practices with respect to cultural, social, and ethnic differences.	✓			X		X		X						X													
1.3.3 Demonstrate through interactions with others a respect for cultural and social diversity.	✓		X			X		X						X													
1.3.4 Identify settings when use of a second language is or is not appropriate.	✓													X													
1.3.5 Protect client's independence and self-determination.	✓						X																				
<b>1.4 The student will understand and apply the principles of privacy and confidentiality.</b>																											
1.4.1 Demonstrate principles of and protect confidentiality.	✓					X	X							X													
1.4.2 Analyze legal and ethical aspects of confidentiality.	✓					X	X							X													

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1.4.3 Examine technological threats to confidentiality.	✓					X	X					X															
1.4.4 Explain the consequences of breach of confidentiality	✓					X	X																				
1.4.5 Provide, protect, and understand patient privacy.	✓					X	X					X															
1.4.6 Personalize breaches of confidentiality by refusing to participate and/or listen.	✓					X	X																				
<b>1.5 The student will understand how his/her role fits into the healthcare delivery system.</b>																											
1.5.1 Explain roles of various team participants.	✓									X										X						X	
1.5.2 Practice team membership skills.	✓									X							X		X							X	
1.5.3 Identify the dynamics of the healthcare teams and how to function within the lines of authority.	✓									X																	
1.5.4 Explain your student role in the healthcare delivery system.	✓			X																							

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<b>1.6 The student will identify the interrelationships between key systems of the healthcare environment.</b>																											
1.6.1 Identify various healthcare delivery systems	✓			X																							
1.6.2 Identify major types of healthcare facilities.	✓			X		X	X	X				X	X								X						
1.6.3 Identify the relationship between the healthcare delivery system and the community.	✓			X																							
1.6.4 Explore the basics of healthcare reimbursements.	✓			X																							
1.6.5 Investigate current influences in healthcare delivery.	✓			X																							
1.6.6 Summarize the continuum of care.	✓			X																							
<b>1.7 The student will be able to identify stressors and respond appropriately.</b>																											
1.7.1 Differentiate between types of and triggers of stress.	✓																										X
1.7.2 Examine strategies and healthy coping mechanisms in dealing with stress.	✓																										X

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1.7.3 Identify solutions to stressful situations.	✓								X									X									
<b>B. Health promotion &amp; disease prevention: Student will demonstrate knowledge of the fundamentals of wellness, the prevention of disease processes, and complementary health practices.</b>																											
<b>2.1 The student expresses an understanding of wellness strategies for the prevention of injury and disease throughout the lifespan.</b>																											
2.1.1 Determine effective health and wellness routines for healthcare workers (i.e., stress management, hygiene, diet, rest, and drug use).	✓		X	X				X	X															X	X	X	
2.1.2 Identify practices to prevent injuries and protect health, for self and others (i.e., seatbelts, helmets, and body mechanics).	✓			X				X	X					X		X							X		X		
2.1.3 Identify available wellness services (i.e., screening, exams, and immunizations).	✓			X					X					X	X	X			X	X	X	X	X	X	X	X	X
2.1.4 Examine alternative/complementary health practices as used for disease prevention.	✓			X					X			X												X			
2.1.5 Explore consequences of not utilizing available wellness services and behaviors that prevent injury and illness.	✓			X					X							X									X		

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<b>2.2 The student will express an understanding of health improvement interventions.</b>																											
2.2.1 Identify health improvement behaviors throughout the lifespan (i.e., exercise, diet modifications, smoking cessation, and others).	✓			X						X							X									X	
2.2.2 Explore medical/dental interventions that improve health and/or facilitate recovery.	✓			X						X							X				X		X	X	X		
2.2.3 Examine alternative/complementary health practices as used for health improvement.	✓			X						X		X	X	X	X					X		X	X	X	X	X	
<b>2.3 The student will express an understanding of secondary prevention interventions when chronic conditions exist.</b>																											
2.3.1 Investigate strategies for the management of chronic disease.	✓												X								X						
2.3.2 Correlate the impact of secondary prevention interventions with quality of life.	✓																						X				
2.3.3 Examine alternative/complementary health practices as used for intervention in chronic conditions.	✓			X								X															
2.3.4 Identify available support services and resources for people living with chronic conditions.	✓			X																							

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<b>2.4 The student will demonstrate an awareness of alternative/complementary health practices.</b>																											
2.4.1 Investigate the varied types of alternative/complementary health practices available and their influence on healthcare regimen.	✓			X						X			X														
2.4.2 Point out that alternative/complementary health practices may or may not be effective.	✓			X						X			X														
2.4.3 Point out that alternative/complementary health practices may or may not be regulated.	✓			X						X			X														
2.4.4 Examine alternative/complementary health practices as they relate to cultures, ethnic groups, and societies.	✓			X						X			X														
<b>C. Client and patient care skills: Student will demonstrate knowledge of and delivery of appropriate care skills for healthcare customers.</b>																											
<b>3.1 The student will demonstrate an understanding of the existing and potential hazards to clients, co-workers, and self. He/she will prevent injury or illness through safe work practices and follow health and safety policies and procedures.</b>																											
3.1.1 Apply principles of body mechanics and ergonomics.	✓								X				X		X	X	X	X	X	X	X			X	X		
3.1.2 Use personal protective equipment as appropriate to the environment.	✓								X				X		X	X	X	X				X		X	X		

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3.1.3 Prevent accidents by using proper safety techniques.	✓						X					X			X			X	X		X	X	X	X	X		
3.1.4 Practice infection control procedures.	✓						X					X		X	X	X		X	X	X	X	X	X	X	X		
3.1.5 Comply with safety signs, symbols, and labels.	✓						X							X				X					X				
3.1.6 Explore incidents that need to be reported and associated protocols.	✓						X																				
3.1.7 Interpret the evacuation plan for the healthcare setting.	✓						X																				
3.1.8 Obtain cardiopulmonary resuscitation/First Aid Certification.	✓									X						X											
3.1.9 Follow mandated standards for workplace safety. (i.e., OSHA, CDC, CLIA).	✓						X							X													
<b>3.2 The student will demonstrate effective communication(s) in healthcare.</b>																											
3.2.1 Demonstrate courtesy to others including self introduction.	✓		X									X							X	X	X						
3.2.2 Explain procedure(s) prior to administering them.	✓													X					X		X						

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3.2.3 Modify communication techniques for the special needs and circumstances of others.	✓		X																X	X					X		
3.2.4 Use communication skills to receive and convey information to others in the workplace.	✓		X	X			X										X			X	X						
3.2.5 Differentiate between and report objective and subjective information.	✓		X															X			X						
3.2.6 Select and utilize an appropriate medium for conveying messages with dignity, empathy, and respect.	✓		X																	X	X			X			
3.2.7 Use medical/dental terminology to communicate information, data, and observations.	✓		X																		X		X				
3.2.8 Demonstrate communications according to facility, protocol, and scope of practice.	✓		X									X															
3.2.9 Identify the need for confidentiality when communicating healthcare issues.	✓					X																					
3.2.10 Exercise sensitivity and withhold bias in communicating with people.	✓		X			X						X							X	X	X			X			
<b>3.3 The student will demonstrate an understanding of the process of care: assessment, planning, implementation, and evaluation.</b>																											
3.3.1 Summarize the process of care.	✓			X								X													X		

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3.3.2 Explain the roles of various team participants in the provision of care.	✓							X											X								
3.3.3 Explain your role as it applies to the process of care.	✓				X																						
3.3.4 Demonstrate competency in skills necessary for assessment, planning, implementation, and evaluation.	✓											X							X	X						X	
<b>3.4 The student will demonstrate knowledge and use of appropriate healthcare technology, equipment, tools, and supplies.</b>																											
3.4.1 Identify and collect equipment/tools/supplies necessary for procedure.	✓												X		X	X	X		X		X				X	X	
3.4.2 Use technology to access, process, and retrieve information with supervision.	✓										X		X		X		X	X	X	X	X						
3.4.3 Use equipment/tools/supplies correctly, in the delivery of healthcare services (as ordered).	✓							X				X	X		X	X	X	X	X		X				X	X	
3.4.4 Demonstrate ability to accurately measure and record vital signs and other indicators of health status.	✓													X			X			X					X	X	
3.4.5 Recognize and report equipment malfunctions.	✓							X									X										
3.4.6 Discriminate between the types of equipment/tools/supplies used in diagnostic, therapeutic, and informational systems.	✓													X		X			X	X							

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<b>D. Medical sciences: The student will know the academic subject matter required for proficiency in his/her area.</b>																										
<b>4.1 The student will define, pronounce, spell, and use appropriate healthcare terminology.</b>																										
4.1.1 Identify abbreviations, acronyms, and symbols.	✓						X							X	X	X	X		X		X		X		X	
4.1.2 Identify the basic structure of medical/dental words.	✓		X																							
4.1.3 Practice word-building skills.	✓		X																							
4.1.4 Use directional terms and anatomical planes related to body structure.	✓															X						X			X	
4.1.5 Accurately spell and define occupationally specific terms related to healthcare.	✓		X											X	X	X	X	X	X	X	X	X	X	X	X	X
4.1.6 Demonstrate correct pronunciation of medical terms.	✓		X																	X						
4.1.7 Analyze words commonly used in healthcare.	✓		X											X	X	X	X	X	X	X	X	X	X	X	X	X
4.1.8 Practice medical/dental terminology to communicate information, data, and observations.	✓		X											X	X	X	X	X	X	X	X	X	X	X	X	X

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<b>4.2 The student will demonstrate knowledge of human anatomy and physiology.</b>																																	
4.2.1 Describe basic structures and functions of cells, tissues, organs, and systems.	✓	X																X	X	X	X			X			X						
4.2.2 Explain body planes, directional terms, quadrants, and cavities.	✓																														X		
4.2.3 Compare relationships among cells, tissues, organs and systems.	✓	X																	X	X		X	X	X							X		
4.2.4 Explain the interdependence of body systems.	✓	X																		X													
4.2.5 Compare anatomical structures to physiological functions.	✓	X																															
4.2.6 Explore models of the human anatomy.	✓	X																			X	X											
4.2.7 Identify and point out parts of the human anatomy.	✓	X																	X	X		X	X		X						X		
4.2.8 Explore growth and development throughout the lifespan.	✓	X		X															X	X	X		X			X	X	X	X	X	X	X	X

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<b>4.3 The student will demonstrate an understanding of diseases and conditions.</b>																										
4.3.1 Explore the cause and effect of disease, trauma, and congenital defects on the cells, tissues, organs, and systems.	✓	X											X	X	X	X		X	X		X	X	X	X		
4.3.2 Explain the interdependence of body systems as they relate to disease and conditions.	✓	X												X								X	X			
4.3.3 Identify biological and chemical processes at the tissue and organ level.	✓	X														X	X	X				X				
4.3.4 Examine the chain of infection as it relates to healthcare.	✓	X																				X				
4.3.5 Identify factors that contribute to disease, such as, age, gender, environment, lifestyles, and heredity.	✓	X		X			X			X		X	X	X		X	X	X			X	X			X	
4.3.6 Explore stages of progression of disease.	✓														X			X			X	X				
4.3.7 Identify pathogenic microorganisms and control transmission.	✓							X							X	X		X	X		X	X	X	X		
4.3.8 Describe the body's natural defense systems against disease such as barriers, the inflammatory response, and the immune response.	✓	X											X	X				X			X	X	X	X		

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4.3.9 Identify signs and symptoms of disease.	✓	X								X				X		X	X		X		X	X	X		X		
4.3.10 Contrast medical/dental/surgical asepsis.	✓						X					X	X	X	X		X	X		X	X	X	X	X			
<b>4.4 The student will demonstrate an understanding and appreciation of the impact that history and cultural influences has had on healthcare.</b>																											
4.4.1 Compare and contrast various cultural healthcare strategies.	✓			X																							
4.4.2 Explore the history of medicine/dentistry.	✓									X		X	X					X	X				X	X			
4.4.3 Explore how healthcare responds to society's needs.	✓			X									X		X		X	X		X	X		X				
4.4.4 Explore the origins of your particular healthcare fields.	✓											X	X			X	X	X				X	X				
4.4.5 Explore how cultural perceptions influence mental healthcare.	✓			X								X										X			X		
4.4.6 Compare and contrast the interrelationship between physical and mental health in various cultures.	✓											X															
4.4.7 Investigate current advances in healthcare.	✓			X									X					X									

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4.5 The student will understand and apply mathematics as it specifically relates to healthcare.																											
4.5.1 Demonstrate ability to add, subtract, multiply, and divide rational numbers on health-related problems.	✓																										
4.5.2 Convert units between and within systems of measurements.	✓												X	X		X	X		X	X		X	X		X	X	
4.5.3 Practice measurement in the classroom/laboratory.	✓													X	X		X		X								
4.5.4 Correctly read medical/dental instrumentation.	✓													X	X	X	X		X							X	
4.5.5 Show ability to apply data from tables, charts, and graphs to find solutions to health-related problems.	✓			X			X															X	X				
4.5.6 Plot tables, charts, and graphs accurately.	✓			X			X										X					X		X			
4.5.7 Employ observations and measurements in collecting data in various ways.	✓			X										X	X	X	X		X	X		X	X	X			

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<b>E. Employability skills: Students shall achieve competence in workplace readiness, career development, and lifelong learning.</b>																											
<b>5.1 Students shall demonstrate problem-solving skills.</b>																											
5.1.1 Solve a work-related problem using the appropriate steps in the problem-solving process.	✓																										X
5.1.2 Demonstrate group/individual problem-solving techniques.	✓								X																		
5.1.3 Examine and explain the advantages and disadvantages of alternative solutions to one or more problems.	✓											X	X														
5.1.4 Create an action plan based upon a solution to a work-related problem.																											
5.1.5 Identify the benefits of solving a work-related problem.																											
<b>5.2 Students shall demonstrate critical-thinking skills.</b>																											
5.2.1 Identify and explain the essential elements of the critical-thinking process.	✓				X														X				X				
5.2.2 Demonstrate critical-thinking skills that would be necessary in the workplace.	✓				X														X				X				

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5.2.3 Explain how emotional thinking and logical thinking affect decision making in the workplace.	✓					X	X		X																X		
5.2.4 Explain the difference between reliable and unreliable observations and statements of facts.	✓		X			X												X									
5.2.5 Recognize patterns or relationships through observation and discovery.	✓														X		X					X					
5.2.6 Query for more information when the solution is not apparent.	✓																X					X					
<b>5.3 Students shall demonstrate the ability to speak, write, listen record, and report effectively.</b>																											
5.3.1 Explain the importance of effective communication skills in the healthcare setting.	✓		X						X				X					X	X	X	X	X			X		
5.3.2 Effectively interpret and respond to verbal and nonverbal messages.	✓		X																	X	X				X		
5.3.3 Demonstrate proper telephone etiquette.	✓																			X							
5.3.4 Effectively communicate thoughts, ideas, and information in writing.	✓		X																	X							
5.3.5 Organize ideas and communicate orally.	✓		X																	X							

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5.3.6 Locate, understand, and interpret written information in documents such as manuals, graphs and schedules.	✓			X													X			X	X		X				
5.3.7 Organize thoughts and information into the appropriate format in accordance with STANDARD practices, which includes prewriting, drafting, proofreading, editing/revising, and/or preparing final copy.	✓																			X							
5.3.8 Demonstrate sensitivity to cultural diversity in communication.	✓		X			X					X		X														
5.3.9 Identify common communication barriers and methods for improving communication.	✓		X					X					X							X							
5.3.10 Apply active listening skills using reflection, restatement, and clarification techniques.	✓		X																	X							
<b>5.4 Students shall demonstrate the ability to select, apply, and maintain appropriate technology.</b>																											
5.4.1 Demonstrate ability to utilize basic keyboarding techniques.																											
5.4.2 Demonstrate ability to utilize other input devices.	✓										X																
5.4.3 Demonstrate ability to utilize various electronic research methods.	✓										X									X							

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5.4.4 Demonstrate knowledge of the basic technology systems currently available and how they apply to your field (i.e., word processing, spreadsheets, multimedia applications, and database).	✓										X										X			X			
5.4.5 Identify and demonstrate the appropriate use of technology to enhance the efficiency of the healthcare setting.	✓										X			X							X			X			
5.4.6 Demonstrate computer/electronic message etiquette.	✓										X																
5.4.7 Recognize and report equipment malfunctions/breakdowns to proper department, to receive repair/replacement.	✓																			X							
<b>5.5 Students shall demonstrate leadership and teamwork skills.</b>																											
5.5.1 Work cooperatively with others when given a group project.	✓								X									X		X						X	
5.5.2 Explain traits necessary to effectively lead and influence individuals and groups.	✓								X																		
5.5.3 Demonstrate appropriate attitudes, behaviors, and appearance for effective leadership.	✓								X																		

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5.5.4 Demonstrate respect for team members, team processes, and team goals.	✓								X																		
5.5.5 Participate in the implementation of a group's decision and evaluate the results.	✓								X																		
5.5.6 Demonstrate the qualities of an effective leader and team member.	✓								X																		
5.5.7 Utilize teamwork in the design a group project.	✓								X																		
<b>5.6 Students shall demonstrate sound workplace ethics.</b>																											
5.6.1 Examine/explain/explore the importance of ethics practiced in the workplace.	✓						X						X	X	X	X		X	X	X	X	X		X	X		
5.6.2 Demonstrate regular attendance, promptness, and the willingness to follow instructions and complete an assigned task.	✓				X												X	X		X		X		X		X	X
5.6.3 Demonstrate appropriate personal and professional attitudes and behaviors. (i.e., personal honesty, integrity)	✓				X		X						X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
5.6.4 Maintain a safe, clean, and organized work area.	✓				X			X					X			X		X	X	X	X		X	X	X		
5.6.5 Demonstrate awareness of ethical responsibilities related to individual performance, safety and client satisfaction.	✓				X		X						X		X	X		X	X	X	X	X	X	X	X	X	

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5.6.6 Demonstrate knowledge of various types of harassment.	✓					X																					
5.6.7 Develop a personal/professional work ethic.	✓				X		X						X	X	X	X	X	X	X	X	X	X	X	X	X	X	
<b>5.7 Students shall demonstrate the ability to effectively manage resources in the healthcare workplace.</b>																											
5.7.1 Identify and organize the human resources needed to complete a job assignment.	✓								X				X								X						
5.7.2 Identify and organize the material resources and space requirements needed to complete a job assignment.	✓											X				X	X	X	X	X	X	X		X	X		
5.7.3 Effectively use technology at its highest level to complete a job assignment.	✓												X			X	X	X		X							
5.7.4 Demonstrate cooperation and leadership in a team at school or in a workplace setting.	✓														X		X										
5.7.5 Use the basic components of effective time management.	✓				X																						
5.7.6 Recognize the impact of stress, anger, and substance abuse on the workforce.	✓															X								X			
5.7.7 Develop a time schedule and prioritized task list to complete a job assignment.	✓				X																						

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<b>5.8 Students shall demonstrate career planning and development skills.</b>																										
5.8.1 Prepare a job application.																										
5.8.2 Prepare a personal résumé and a cover letter.																										
5.8.3 Complete a personal aptitude and interest inventory.																										
5.8.4 Participate in a job interview.																										
5.8.5 Establish short-term career goals.	✓													X	X	X	X	X	X	X	X	X	X	X	X	X
5.8.6 Use the Nevada Career Information System (NCIS) or a similar computer-based program to research careers in a chosen field.																										
5.8.7 Participate in an organized job-shadowing activity.	✓													X	X	X	X	X	X	X	X	X	X	X	X	X
5.8.8 Participate in a community service project.																										
5.8.9 Construct a career portfolio.																										

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5.9 Students shall demonstrate lifelong learning skills and the ability to retain a job.																											
5.9.1 Maintain an employment/career portfolio.																											
5.9.2 Identify strategies for balancing work and family roles.																											
5.9.3 Demonstrate understanding of the need for lifelong learning in a rapidly changing job market.	✓					X							X														
5.9.4 Identify strategies to maintain employment in the face of job reductions																											
5.9.5 Develop long-term career-planning strategies.	✓		X	X	X							X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
5.9.6 Identify various educational options needed for job advancement.	✓		X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
5.9.7 Demonstrate interpersonal skills needed for job retention.	✓			X								X								X	X						
5.9.8 Identify how sound workplace ethics contribute to job retention.	✓			X								X								X	X						
5.9.9 Practice continuous self-assessment and goals modification for personal and professional growth.	✓		X	X	X							X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	