



Correlation of **Introduction to Health Science: Pathways to Your Future 1E** ©2016
to the Department of Defense Education Activity (DoDEA)
Health Science Career Cluster (HL)

STANDARD	G-W CORRELATING PAGES
HL 01 Determine academic subject matter, in addition to high school graduation requirements, necessary for pursuing a health science career.	
1. Utilize knowledge of human structure and function to conduct health care role.	Instruction: 158 (Body Organs and Systems); 166–167 (Body Planes); 293–323 (Chapter 9: Academic Knowledge: Body Systems for Support and Movement); 442–467 (Chapter 13: Academic Knowledge: Body Systems for Transportation and Exchange); 592–619 (Chapter 17: Academic Knowledge: Body Systems for Maintenance and Continuation)The Digestive System); 724–761 (Chapter 21: Academic Knowledge: Body Systems for Regulation and Communication) Application: 303 (Recall #1–4); 315 (Recall #1–5); 323 (Recall #1–4); 452 (Recall #1–5); 459 (Recall #1–4)
2. Utilize knowledge of diseases and disorders to conduct health care role.	Instruction: 319–320 (Disease and Injury); 460–463 (Organs and Diseases of the Respiratory System); 735 (discussion of spina bifida); 749–750 (discussion of hearing loss); 760–761 (discussion of diabetes) Application: 436 (#20); 470 (#17); 522 (#18)
HL 02 Explain the healthcare worker's role within their department, their organization and the overall healthcare system.	
1. Explain systems theory as it applies to the health care environment.	Instruction: 116–118 (Systems Theory) Application: 143 (#24); 436 (#16)
2. Explain the concept of system change as it applies to the health care environment.	Instruction: 5–16 (The Evolution of Healthcare; Future Trends) Application: 34 (#17, #19); 35 (#24)
3. Understand the existing and potential hazards to clients, co-workers and self.	Instruction: 193–199 (Standard Precautions); 277–282 (Worker Safety); 429–433 (Aseptic Practices) Application: 217 (#26); 287 (#29, #31); 436 (#22); 437 (#26)
4. Identify and explain key systems of the health care delivery system.	Instruction: 118–122 (Healthcare Provider Systems) Application: 142 (#15); 143 (#31)

HL 03 Identify existing and potential hazards to clients, coworkers, visitors and self in the healthcare workplace.	
1. Explain infection control practices and procedures.	Instruction: 193–199 (Standard Precautions); 425–433 (Safety and Infection Control) Application: 217 (#26); 436 (#20–22); 437 (#28, 33)
2. Demonstrate personal safety practices.	Instruction: 138–139 (Ergonomics of Computer Use); 277–280 (Worker Safety; Preventing Injury with Good Body Mechanics); 421–424 (Laws Regulating Health and Safety) Application: 143 (#26); 287 (#29, #31); 437 (#26); 587 (#27); 718 (#27)
3. Use techniques to insure environmental safety.	Instruction: 138–139 (Ergonomics of Computer Use); 201 (Patient Interaction Guidelines); 277–283 (Personal and Patient Safety); 490–494 (Cleaning and Disinfecting the Healthcare Environment) Application: 143 (#26); 287 (#29, #31); 522 (#20)
4. Identify common safety hazards.	Instruction: 193–199 (Standard Precautions); 277–282 (Worker Safety); 429–433 (Aseptic Practices) Application: 217 (#26); 287 (#29, #31); 436 (#22); 437 (#26)
5. Describe healthy behaviors.	Instruction: 504–519 (Employability Skills for Healthcare Workers) Application: 522 (#21–22); 523 (#24, #26)
6. Utilize emergency procedures and protocols.	Instruction: 360–367 (Providing First Aid); 575–578 (Fire Safety); 582–583 (Disaster Plans) Application: 376 (#24); 377 (#28); 587 (#24–25, 29, 31)
HL 04 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.	
1. Describe team member participation.	Instruction: 47–49 (Teamwork in the Medical Office); 190–192 (Teams in the Therapeutic Pathway); 264 (Healthcare Teams); 343–346 (Healthcare Team Interaction); 487–489 (Team Conflict and Conflict Resolution); 638–641 (Team Leadership) Application: 67 (#24); 216 (#22); 377 (#30); 665 (#30)
2. Identify and describe health care teams.	Instruction: 47–49 (Teamwork in the Medical Office); 190–192 (Teams in the Therapeutic Pathway); 264 (Healthcare Teams); 343–346 (Healthcare Team Interaction); 487–489 (Team Conflict and Conflict Resolution); 638–641 (Team Leadership) Application: 67 (#24); 216 (#22); 377 (#30); 665 (#30)
3. Employ communication strategies used in the delivery of quality health care.	Instruction: 50–54 (Technical Skills in Health Informatics); 70–76 (The Communication Process); 225–229 (Communication Barriers)

	Application: 66 (#20–21); 111 (#16); 112 (#17–19, 21)
HL 05 Analyze the legal and ethical responsibilities, limitations and implications of actions within the healthcare workplace.	
1. Describe legal implications affecting health care workers.	Instruction: 128–130 (Legal Issues Affecting Healthcare Workers); 266–275 (Legal and Ethical Issues for Therapeutic Workers); 419–425 (Legal and Ethical Issues for Diagnostic Workers); 565–574 (Legal and Ethical Issues for Support Services Workers); 704–710 (Legal and Ethical Issues in Biotechnology) Application: 142 (#23); 143 (#24, #27, #34); 266 (#19–23); 436 (#19); 586 (#15)
2. Describe legal practices employed by health care workers.	Instruction: 130–134 (Ethical Issues in Healthcare Careers); 136–138 (Ensuring Confidentiality); 266–275 (Legal and Ethical Issues for Therapeutic Workers); 419–425 (Legal and Ethical Issues for Diagnostic Workers); 565–574 (Legal and Ethical Issues for Support Services Workers); 704–710 (Legal and Ethical Issues in Biotechnology) Application: 142 (#23); 143 (#24, #27, #34); 266 (#19–23); 436 (#19); 586 (#15)
HL 06 Evaluate accepted ethical practices with respect to cultural, social and ethnic differences within the healthcare workplace.	
1. Describe legal and ethical boundaries in health care delivery.	Instruction: 128–130 (Legal Issues Affecting Healthcare Workers); 266–275 (Legal and Ethical Issues for Therapeutic Workers); 419–425 (Legal and Ethical Issues for Diagnostic Workers); 565–574 (Legal and Ethical Issues for Support Services Workers); 704–710 (Legal and Ethical Issues in Biotechnology) Application: 142 (#23); 143 (#24, 27, 34); 266 (#19–23); 436 (#19); 586 (#15); 718 (#18)
2. Describe ethical practice as it applies to health care delivery.	Instruction: 130–134 (Ethical Issues in Healthcare Careers); 136–138 (Ensuring Confidentiality); 266–275 (Legal and Ethical Issues for Therapeutic Workers); 419–425 (Legal and Ethical Issues for Diagnostic Workers); 565–574 (Legal and Ethical Issues for Support Services Workers); 704–710 (Legal and Ethical Issues in Biotechnology) Application: 142 (#23); 143 (#24, #27, #34); 266 (#19–23); 436 (#19); 586 (#15); 718 (#18)
3. Explain cultural, social and ethnic diversity as it applies to health care delivery.	Instruction: 227–229 (Communication Barriers); 385–391 (Developing Cultural Competence) Application: 258 (#20); 412 (#21–22); 413 (#33)

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to the Department of Defense Education Activity (DoDEA)
Career and Technical Education Course Competency Guide
Health Science II – PTH502

STANDARD		G-W CORRELATING PAGES
1.00 Implementing DoDEA's Career Ready Practices		
1.01 Demonstrate DoDEA's Career Ready Practices in course activities		
a.	Act as a responsible and contributing citizen and employee.	Instruction: 572–573 (Soft Skills) Application: 586 (#20)
b.	Apply appropriate academic and technical skills.	Instruction: 547–551 (Measuring and Recording Intake and Output; Preparing Solutions); 641–655 (Technical Skills for Biotechnology Research and Development Workers) Application: 523 (#25)
c.	Attend to personal health and financial well-being.	Instruction: 372–374 (Understanding Your Paycheck); 505–518 (Health Maintenance Practices; Physical Wellness; Social, Emotional, and Spiritual Wellness) Application: 519 (Recall #1, 3, 5)
d.	Communicate clearly and effectively and with reason.	Instruction: 381–382 (Communicating Observations) Application: 286 (#26)
e.	Consider the environmental, social, and economic impacts of decisions.	Instruction: 273–275 (Ethical Dilemmas); 639–641 (Leadership Skills); 687 (Emotion and Risk Assessment) Application: 693 (#29)
f.	Demonstrate creativity and innovation.	Instruction: 146–148 (Memory Techniques for Learning Terms; Mnemonic Devices) Application: 148 (Recall #1–4)
g.	Employ valid and reliable research strategies.	Instruction: 377–381 (Biotechnology Research and Development Applications); 669–672 (Scientific Reading); 682–683 (Analyzing Research Results) Application: 690 (recall #1); 693 (#20)
h.	Utilize critical thinking to make sense of problems and persevere in solving them.	Instruction: 517–518 (Solving Problems) Application: 522 (#19, 21)
i.	Model integrity, ethical leadership, and effective management.	Instruction: 639–641 (Leadership Skills) Application: 641 (Recall #2-5)
j.	Plan education and career paths aligned to personal goals.	Instruction: 62 (Career Portfolios); 514–517 (Setting Goals; Managing Your Time) Application: 554 (#26)
k.	Work productively in teams while using cultural global competence.	Instruction: 385–391 (Developing Cultural Competence) Application: 393 (Recall #4–5)

2.00 Human Anatomy and Physiology	
2.01 Review body systems and planes.	<p>Instruction: 158 (Body Organs and Systems); 166–167 (Body Planes); 293–323 (Chapter 9: Academic Knowledge: Body Systems for Support and Movement); 442–467 (Chapter 13: Academic Knowledge: Body Systems for Transportation and Exchange); 592–619 (Chapter 17: Academic Knowledge: Body Systems for Maintenance and Continuation)The Digestive System); 724–761 (Chapter 21: Academic Knowledge: Body Systems for Regulation and Communication)</p> <p>Application: 303 (Recall #1–4); 315 (Recall #1–5); 323 (Recall #1–4); 452 (Recall #1–5); 459 (Recall #1–4)</p>
2.02 Review related medical terminology.	<p>Instruction: 148–167 (Medical Terminology; Body Organization and Related Medical Terms)</p> <p>Application: 169–170 (#15–17); 469–470 (#14)</p>
3.00 Diseases and Disorders	
3.01 Review body system diseases and disorders with related treatment regimes.	<p>Instruction: 319–320 (Disease and Injury); 460–463 (Organs and Diseases of the Respiratory System); 735 (discussion of spina bifida); 749–750 (discussion of hearing loss); 760–761 (discussion of diabetes)</p> <p>Application: 436 (#20); 470 (#17); 522 (#18)</p>
3.02 Compare the aging process among the body systems.	<p>Instruction: 350 (first paragraph); 467 (Factors Affecting Lung Volume); 500–501 (Feeding Residents) 608 (first complete paragraph); 761 (final paragraph)</p> <p>Application: 765 (#22)</p>
3.03 Review complementary and alternative health practices as they relate to wellness and disease prevention (such as: Eastern medicine, holistic medicine, homeopathy, manipulative and natural therapies).	<p>Instruction: 275–276 (Alternative Therapies)</p> <p>Application: 286 (#25)</p>
4.00 Communication Skills	
4.01 Apply and interpret the elements of communication using the basic sender-receiver-message-feedback model.	<p>Instruction: 70–76 (The Communication Process)</p> <p>Application: 76 (Recall #1–3)</p>
4.02 Demonstrate interviewing skills.	<p>Instruction: 224–225 (Interviewing a Patient)</p> <p>Application: 229 (Recall #3); 216 (#23–24); 586 (#20)</p>
4.03 Report subjective & objective information.	<p>Instruction: 381 (definition of subjective observations); 672–676 (Scientific Writing)</p> <p>Application: 412 (#19); 693 (#28)</p>
4.04 Analyze communications for appropriate response and provide feedback.	<p>Instruction: 75–76 (Observing); 527–531 (Reading Technical Documents)</p> <p>Application: 112 (#19); 692 (#16)</p>

4.05 Organize, write, and compile technical information and summaries.	Instruction: 79 (Organization of Medical Record Information); 81–82 (Guidelines for Documentation); 384–385 (Reporting and Recording Observations); 532–535 (Writing Technical Documents) Application: 535 (Recall #3–4)
4.06 Use medical terminology within a scope of practice in order to interpret, transcribe, and communicate information, data, and observations.	Instruction: 83–86 (Communicating by Telephone); 384–385 (Reporting and Recording Observations) Application: 112 (#22)
4.07 Model verbal and nonverbal communication.	Instruction: 73–74 (Speaking); 83–86 (Communicating by Telephone); 672–676 (Scientific Writing) Application: 112 (#21); 676 (Recall #1–4)
4.08 Modify communication to meet the needs of the patient/client and be appropriate to the situation.	Instruction: 86–88 (Improving Health Literacy) Application: 112 (#19, 21–22)
4.09 Listen attentively to verbal instructions, requests, and other information to verify accuracy.	Instruction: 72–73 (Listening) Application: 111 (#16)
4.10 Interpret technical materials used for healthcare practices and procedures.	Instruction: 74–75 (Reading/Reading Instructions: Manny); 641–655 (Completing Laboratory Documentation; Sales and Technical Support Skills) Application: 65–66 (#19); 112 (#23); 259 (#29)
5.00 Medical Mathematics	
5.01 Demonstrate competency in basic math skills and mathematical conversions as they relate to healthcare.	
a.	Metric system (such as: centi, milli, kilo) Instruction: 239–242 (Systems of Measurement) Application: 255 (Recall #2)
b.	Mathematical (average, ratios, fractions, percentages, addition, subtraction, multiplication, division) Instruction: 246–251 (Math and Medications) Application: 259 (#30); 554–555 (#28, 30–31)
c.	Conversions (height, weight/mass, length, volume, temperature, household measurements) Instruction: 243–246 (Converting Between Systems of Measurement); 399–400 (Temperature Conversions) Application: 255 (Recall #3); 258 (#25–28); 410 (Recall #3); 413 (#26, 28)
5.02 Demonstrate the ability to analyze diagrams, charts, graphs, and tables to interpret healthcare results.	Instruction: 99–100 (Read and Interpret Charts and Graphs); 400–409 (Graphing Vital Signs; Charting Height, Weight, and BMI) Application: 409 (Recall #4); 413 (#27); 554 (#21)
5.03 Demonstrate use of the 24-hour clock/military time.	Instruction: 239 (The 24-Hour Clock); 240 (Figure 7.20) Application: 255 (Recall #1); 258 (#23–24)
Healthcare Delivery System	
6.01 Compare and analyze healthcare delivery systems.	Instruction: 116–127 (Healthcare Delivery and Payment Systems) Application: 127 (Recall #1–4); 142–143 (#15, 19, 24)

6.02 Lifestyle/behavior changes may affect various healthcare delivery system models.		Instruction: 116–118 (Systems Theory); 125–127 (Applying Systems Theory to Healthcare Trends) Application: 127 (Recall #1–2); 143 (#24)
6.03 Analyze healthcare facilities, including government and non-profit agencies.		Instruction: 118–120 (Government and Nonprofit Participants) Application: 142 (#19); 143 (#24)
6.04 Discuss healthcare economics, common methods of payment, and trends for healthcare.		
a.	Private health insurance (such as: Blue Cross, Affordable Care Act – ACA)	Instruction: 100–109 (Reimbursement Tasks); 122–123 (Insurance Basics); 126 (Insurance) Application: 109 (Recall #5); 142 (#20–21)
b.	Managed care (such as: HMOs, PPOs, medical home)	Instruction: 123–125 (Controlling Costs) Application: 142 (#16)
c.	Government programs (such as: Medicare, Medicaid, Tricare, and Workers’ Compensation)	Instruction: 122–123 (Insurance Basics) Application: 142 (#16)
6.05 Describe the responsibilities of consumers within the healthcare system (to include self-advocacy, patient compliance, provider and consumer obligations).		Instruction: 418–419 (Consumer Responsibilities) Application: 419 (Recall #4); 436 (#15)
6.06 Assess the impact of emerging issues on healthcare delivery systems (to include technology, epidemiology, bioethics, socioeconomics).		Instruction: 10–16 (Future Trends); 702–709 (Issues in Biotechnology; Genetic Testing; Genetic Engineering; definition of bioethics; Reproductive Cloning; Stem Cell Research); 714–715 (Bioterrorism) Application: 17 (Recall #15); 704 (Recall #1–5); 710 (Recall #1–3); 718 (#16; 18, 23, 25)
7.00 Employability Skills of Health Professionals		
7.01 Apply employability skills/professional decorum in healthcare environments (to include, but not limited to, flexibility, initiative, integrity, loyalty, positive attitude, responsibility, teamwork, scope of practice, chain of command, etc.).		Instruction: 60–63 (Employability Skills for Healthcare Workers); 264 (Lines of Authority); 268 (Scope of Practice); 333–334 (Personal Traits); 369–370 (Following Professional Standards for Healthcare Workers); 572–573 (Soft Skills) Application: 67 (#27); 436 (#19); 664 (#20)
7.02 Adapt to the dynamics of change.		Instruction: 42–44 (Health Information Management); 572–573 (Soft Skills) Application: 585 (#10)
7.03 Adopt personal appearance and hygiene habits appropriate to the healthcare environment and industry expectations.		Instruction: 42 (Professionalism: Kia); 210 (second and third paragraphs); 509 (Personal Hygiene and Medical Care) Application: 65 (#10)
7.04 Interact appropriately and respectfully with diverse ethnic, age, cultural, religious, and economic groups in various employment and social situations.		Instruction: 225–229 (Communication Barriers); 385–391 (Developing Cultural Competence); 500 (second full paragraph) Application: 257 (#6; 15); 258 (#20); 412–413 (#21–22, 33)

7.05 Exhibit respectful and empathetic behavior when interacting with peers, superiors, subordinates, and patients in one-on-one and group situations.	Instruction: 222-225 (Communicating with Coworkers; Interviewing a Patient); 282-283 (Communicating with Patients) Application: 230 (#1-5); 257-258 (#18-20, 33); 286 (#26)
8.00 Career Decision-Making	
8.01 Environmental.	Instruction: 60-61 (Career Assessments); 205 (The Job Search); 658-659 (Changing Jobs) Application: 67 (#27); 216 (#20); 377 (#32)
8.02 Service area.	Instruction: 60-63 (Employability Skills for Healthcare Workers) Application: 65 (#15); 67 (325); 215 (#17); 375 (#16); 522 (#13); 665 (#34)
9.00 Legal Implications	
9.01 Evaluate and report behaviors and practices that could result in malpractice, liability, or negligence.	Instruction: 268-270 (Malpractice; Mistreatment of Patients; Definition of liable) Application: 286-287 (#20, 35)
9.02 Comply with policies and requirements for documentation and record keeping.	Instruction: 77-83 (Communicating through the Medical Record) Application: 112 (#18); 586 (#18)
9.03 Comply with established risk management criteria and procedures.	Instruction: 683-689 (Interpreting Statistical Data) Application: 689 (Recall #1-5)
9.04 Comply with non-discriminatory laws.	Instruction: 568-570 (Antidiscrimination Laws) Application: 425 (Recall #4)
9.05 Comply with institutional policy and procedure.	Instruction: 271-272 (Informed Consent; Privileged Communication) Application: 287 (#28)
10.00 Legal Practices	
10.01 Perform duties according to regulations, policies, laws, and legislated rights of citizens.	Instruction: 118-120 (Government and Nonprofit Participants); 128-130 (Legal Issues Affecting Healthcare Workers); 132-134 (Patient Rights); 270-273 (Patient Rights); 344-345 (Delegating Tasks); 697-700 (Government Regulations) Application: 346 (Recall #1, 4); 436 (#16)
10.02 Maintain clients' rights according to the Patients' Bill of Rights and advance directives.	Instruction: 133-134 (definition of advance directives) Application: 143 (#30)
10.03 Practice within licensure, certification, registration, and legislated scope of practice.	Instruction: 266-268 (Credentials; Scope of Practice); 419-421 (Licensure, Certification, and Registration) Application: 65-66 (#19); 287 (#33); 436 (#19)
10.04 Apply the doctrine of informed consent.	Instruction: 271-272 (Informed Consent) Application: 287 (#28)

10.05 Evaluate technological threats to confidentiality.	Instruction: 136–138 (Ensuring Confidentiality) Application: 139 (recall #1–2)
10.06 Follow mandated standards for workplace safety, i.e., OSHA, CDC, CLIA, HIPAA, security issues for specific healthcare facility.	Instruction: 277–283 (Personal and Patient Safety); 579–582 (Electrical Safety; Food Safety) Application: 283 (Recall #1–5); 286 (#23); 436 (#26); 523 (#27); 587 (#26–27)
11.00 Legal and Ethical Boundaries	
11.01 Differentiate between ethical and legal issues impacting health care.	Instruction: 266–276 (Legal and Ethical Issues for Therapeutic Workers); 566–574 (Employment Laws; Ethical Standards of Conduct) Application: 277 (Recall #1–4)
11.02 Analyze legal and ethical aspects of confidentiality.	Instruction: 132–138 (Patient Rights; Privacy of Health Information; Ensuring Confidentiality) Application: 139 (Recall #1–2)
12.00 Ethical Practice	
12.01 Report activities and behaviors by self and others that adversely affect the health, safety, or welfare of students, clients, or co-workers.	Instruction: 136 (Privacy of Health Information), 274–275 (Ethical Dilemmas), 278–279 (Workplace Violence) Application: 143 (#32), 286 (#24), 287 (#32)
12.02 Practice responsibly within the ethical framework of the Patients’ Bill of Rights, advance directives, and HIPAA.	Instruction: 133–134 (Health Insurance Portability and Accountability Act, Patient Self-Determination Act), 270–273 (Patient Rights) Application: 142 (#23), 143 (#27, #30), 286 (#21–22)
13.00 Cultural, Social, and Ethnic Diversity	
13.01 Analyze religious and cultural values as they impact healthcare (to include, but not limited to, ethnicity, race, religion, gender).	Instruction: 227–229 (Communication Barriers), 385–391 (Developing Cultural Competence) Application: 258 (#20), 412 (#21–22), 413 (#33)
13.02 Demonstrate respectful and empathetic treatment of ALL patients/clients (to include, but not limited to, customer service, patient satisfaction, civility).	Instruction: 8–9 (New Attitudes and Beliefs), 178 (Personal Traits), 385–391 (Developing Cultural Competence) Application: 216 (#18), 413 (#33)
14.00 Infection Control	
14.01 Apply principles of infection control.	Instruction: 193–199 (Standard Precautions), 425–433 (Safety and Infection Control) Application: 217 (#26), 436–437 (#20–22, 28, 33)
14.02 Differentiate, analyze, and/or apply methods of controlling the spread and growth of microorganisms.	
a.	Aseptic control (antisepsis, disinfection, sterilization, sterile technique) Instruction: 429–433 (Aseptic Practices) Application: 436 (#22)
b.	Standard precautions Instruction: 193–199 (Standard Precautions) Application: 217 (#26), 436–437 (#22, 28)
c.	Isolation precautions Instruction: 431–433 (Transmission-Based Precautions)

		Application: 436–437 (#22, 28, 33)
d.	Bloodborne pathogen precautions	Instruction: 430–431 (Preventing Exposure to Bloodborne Pathogens) Application: 436–437 (#22,28)
e.	Vaccinations	Instruction: 5 (Medical Advancements), 457 (The Body’s Defenders) Application: 471 (#29)
15.00 Personal Safety		
15.01 Apply personal safety procedures based on Occupational Safety and Health Administration (OSHA) and Centers for Disease Control (CDC) regulations.		Instruction: 277–278 (Worker Safety), 421–424 (Laws Regulating Health and Safety) Application: 437 (#26), 587 (#27), 718 (#27)
15.02 Demonstrate principles of body mechanics and ergonomics.		Instruction: 138–139 (Ergonomics of Computer Use), 279–280 (Preventing Injury with Good Body Mechanics) Application: 143 (#26), 287 (#29, #31)
16.00 Environmental Safety		
16.01 Modify the environment to create safe working conditions.		Instruction: 138–139 (Ergonomics of Computer Use), 201 (Patient Interaction Guidelines), 277–283 (Personal and Patient Safety), 490–494 (Cleaning and Disinfecting the Healthcare Environment) Application: 143 (#26), 287 (#29, #31), 522 (#20)
16.02 Prevent accidents by applying proper safety techniques.		
a.	Ergonomics	Instruction: 138–139 (Ergonomics of Computer Use), 279–280 (Preventing Injury with Good Body Mechanics) Application: 143 (#26), 287 (#29, #31)
b.	Safe operation of equipment	Instruction: 280–282 (Lifting Patients with Lift Equipment), 433 (Safety Procedures for Radiation), 502–504 (Providing Wheelchair Transport), 580–581 (Transportation Safety) Application: 437 (#26), 523 (#25), 587 (#32)
c.	Patient/client safety measures (check area for safety)	Instruction: 282–283 (Ensuring Patient Safety), 580–581 (Transportation Safety) Application: 437 (#36), 587 (#28, #32)
17.00 Common Safety Hazards		
17.01 and the Occupational Exposure to Hazardous Chemicals Standard (Safety Data Sheets (SDSs)) (www.osha.gov), to include, but not limited to:		
a.	Adhere to hazardous labeling requirements.	Instruction: 422 (Hazardous Chemicals), 713–714 (Working with Sharps and Chemicals) Application: 436 (#23), 718 (#28), 719 (#33)
b.	Comply with safety signs, symbols, and labels.	Instruction: 422 (Hazardous Chemicals), 713–714 (Working with Sharps and Chemicals) Application: 436 (#23), 718 (#28), 719 (#33)

c.	Take appropriate action when observing a hazardous material problem.	Instruction: 277 (Worker Safety), 714 (Responding to Lab Emergencies) Application: 718 (#28, #31–32)
d.	Apply safety principles within given environments.	Instruction: 422 (Hazardous Chemicals), 713–714 (Working with Sharps and Chemicals) Application: 436 (#23), 718 (#28, #30), 719 (#33)
e.	Handle hazardous chemicals commonly used in the healthcare environment in an appropriate manner.	Instruction: 422 (Hazardous Chemicals), 713–714 (Working with Sharps and Chemicals) Application: 436 (#23), 718 (#28), 719 (#33)
18.00 Emergency Procedures and Protocols		
18.01	Practice and demonstrate fire safety and prevention in a healthcare setting.	Instruction: 575–578 (Fire Safety) Application: 587 (#24–25, #29)
18.02	Interpret and review an emergency plan/evacuation plan for a healthcare setting in response to a natural disaster, fire safety, or other emergency.	Instruction: 582–583 (Disaster Plans) Application: 587 (#31)
18.03	Apply principles of basic emergency response in natural disasters and other emergencies (safe location, contact emergency personnel, follow facility protocols).	Instruction: 360–367 (Providing First Aid), 582–583 (Disaster Plans) Application: 376 (#24), 377 (#28), 587 (#31)
19.00 Healthcare Teams		
19.01	Evaluate the roles and responsibilities of team members in a healthcare team.	Instruction: 47–49 (Teamwork in the Medical Office), 190–192 (Teams in the Therapeutic Pathway), 264 (Healthcare Teams), 343–346 (Healthcare Team Interaction), 487–489 (Team Conflict and Conflict Resolution), 638–641 (Team Leadership) Application: 67 (#24), 216 (#22)
19.02	Apply the team concept in providing quality patient care.	Instruction: 47–49 (Teamwork in the Medical Office), 190–192 (Teams in the Therapeutic Pathway), 264 (Healthcare Teams), 343–346 (Healthcare Team Interaction), 487–489 (Team Conflict and Conflict Resolution), 638–641 (Team Leadership) Application: 67 (#24), 216 (#22), 377 (#30), 665 (#30)
19.03	Respond to given critical situations appropriately as a member of a healthcare team.	Instruction: 48 (Roles and Responsibilities), 190–192 (Teams in the Therapeutic Pathway), 264 (Healthcare Teams), 343–346 (Healthcare Team Interaction), 487–489 (Team Conflict and Conflict Resolution), 638–641 (Team Leadership) Application: 67 (#24), 377 (#28), 216 (#22), 377 (#30), 665 (#30)
20.00 Healthy Behaviors		
20.01	Apply behaviors that promote health and wellness.	Instruction: 504–519 (Employability Skills for Healthcare Workers)

	Application: 522 (#21–22), 523 (#24, #26)
20.02 Advocate available preventive health screening and examinations.	Instruction: 509 (Personal Hygiene and Medical Care) Application: 523 (#24)
20.03 Use practices that promote the prevention of disease and injury.	Instruction: 193–199 (Standard Precautions), 277–282 (Worker Safety), 429–433 (Aseptic Practices) Application: 217 (#26), 287 (#29, #31), 436 (#22), 437 (#26)
20.04 Use appropriate safety practices as related to high-risk behaviors.	Instruction: 193–199 (Standard Precautions), 277–282 (Worker Safety), 429–433 (Aseptic Practices) Application: 217 (#26), 287 (#29, #31), 436 (#22), 437 (#26)
21.00 Communication Technology	
21.01 Adhere to information systems policies, procedures, and regulations as required by facilities, as well as by national, state, and local entities.	Instruction: 89–91 (Electronic Health Records), 92–95 (Health Informatics Services Applications), 136–138 (Ensuring Confidentiality) Application: 112 (#20, #22), 113 (#29-30), 143 (#24, #27)
22.00 Nursing Skills/Clinical Internship/ Certification	
22.01 If eligible, complete a (minimum) 40-hour clinic internship at an approved healthcare facility.	Instruction: 182 (Therapy Careers), 1896 (After School; Nursing Careers) Application: 217 (#29)
22.02 Demonstrate competencies of Nurse-Aid technical skills.	Instruction: 193–204 (Technical Skills for Therapeutic Workers) Application: 217 (#26, #29)
22.03 Demonstrate safety procedures to protect clients, co-workers, and self.	Instruction: 193–199 (Standard Precautions), 277–282 (Worker Safety), 429–433 (Aseptic Practices) Application: 217 (#26), 287 (#29, #31), 436–437 (#22, 26)
22.04 Renew or obtain American Heart Association’s Basic Life Support (BLS) certification.	Instruction: 360–367 (Providing First Aid), 582–583 (Disaster Plans) Application: 376 (#24), 377 (#28), 587 (#31)
22.05 If eligible, participate in the National Nurse Aid Assessment Program (NNAAP) Exam.	Instruction: 187–189 (Nursing Careers) Application: 217 (#29)