

Correlation of 2016 *Introduction to Health Science* to Foundations of Healthcare Professions

Standard	Page Numbers
1.0 Communication	
Demonstrate methods of delivering and obtaining information, while communicating effectively.	
1.1 Concepts of Effective Communication	
1.1.1 Model verbal and nonverbal therapeutic communication. <ul style="list-style-type: none"> • Active listening • Silence • Summarizing • Reflecting 	72–74, 83–86, 112 (#21), 216 (#24), 220–225, 286 (#26), 653–655
1.1.2 Identify common barriers to communication.	
1.1.2.1 Physical disabilities <ul style="list-style-type: none"> • Aphasia • Hearing loss • Impaired vision • Developmental level 	226, 227
1.1.2.2 Psychological barriers <ul style="list-style-type: none"> • Attitudes • Bias • Prejudice • Stereotyping 	390–391, 413 (#33)
1.1.3 Interpret elements of communication using sender-message-receiver feedback model.	70–74
1.1.4 Modify communication to meet the needs of the patient/client and be appropriate to the situation.	76, 86–88, 113 (#31), 220–229 380–382, 385–392, 412 (#24), 413 (#33), 562

1.1.5 Describe appropriate interactions with patients throughout various stages of psychosocial development	225–227
1.2 Medical Terminology	
1.2.1 Interpret common medical abbreviations to communicate information specific to course content	53, 82, 148–150, 170 (#18), 249, 259 (#29), 266, 286 (#17 and 18), 402
2.0 Teamwork	
Identify roles and responsibilities of individual members as part of the healthcare team.	
2.1 Evaluate roles and responsibilities of healthcare team members.	47–48, 190–192, 343–346
2.2 Identify characteristics of effective teams. <ul style="list-style-type: none"> • Defined roles • Common purpose • Effective communication • Effective leadership • Measurable processes and outcomes • Mutual respect • Shared goals 	49, 190–192, 343–346, 488, 489
2.3 Team Member Participation	
2.3.1 Recognize methods for building positive team relationships.	221–223, 346
2.3.2 Analyze attributes and attitudes of an effective leader.	
2.3.2.1 Characteristics <ul style="list-style-type: none"> • Focused and driven • Interpersonal skills • Motivates and inspires • Organized and balanced 	639–640
2.3.2.2 Types <ul style="list-style-type: none"> • Autocratic 	640, 665 (#30 and 37)

<ul style="list-style-type: none"> • Democratic • Laissez faire 	
2.3.2.3 Roles <ul style="list-style-type: none"> • Communicates vision • Leads change • Manages accountability 	638-641
2.3.4 Apply effective techniques for managing team conflict. <ul style="list-style-type: none"> • Communicate assertively • Set clear expectations • Gather the facts • Mediate disputes • Negotiate resolutions 	487-489
2.3.5 Evaluate why teamwork is an important part of healthcare and how it improves patient care.	487
3.0 Health Maintenance Practices Differentiate between wellness and disease. Promote disease prevention and model healthy behaviors.	
3.1 Healthy Behaviors	
3.1.1 Promote behaviors of health and wellness. <ul style="list-style-type: none"> • Exercise • Nutrition • Relationships • Sleep habits • Stress management • Weight control 	197, 484, 486, 499, 504-519, 595, 623 (#18 and 26)
3.1.2 Examine various aspects of behavioral health. <ul style="list-style-type: none"> • Anxiety • Depression 	732-733

<ul style="list-style-type: none"> • Substance abuse • Suicide 	
3.1.3 Describe strategies for prevention of disease. <ul style="list-style-type: none"> • Community health education outreach programs • Immunizations • Medical, dental, and mental health screenings • Routine physical exams • Stress management 	14, 126, 193–196, 337, 358–359, 382–383, 418–419, 429–431, 436 (#22), 454–455, 494–495, 501, 504–509, 713
3.1.4 Investigate complementary and alternative health practices as they relate to wellness and disease prevention. <ul style="list-style-type: none"> • Acupuncture • Eastern medicine • Holistic medicine • Homeopathy • Manipulative therapies • Natural therapies 	8–9, 15–16, 35 (#30), 181–182, 275–276, 286 (#25), 287 (#34)
3.2 Healthcare Across the Lifespan	
3.2.1 Discuss physical, mental, social and behavioral development and its impact on healthcare.	505, 622 (17)
4.0 Safety Practices Identify existing and potential hazards to clients, co-workers, and self. Employ safe work practices and follow health and safety policies and procedures to prevent injury and illness.	
4.1 Infection Control	
4.1.1 Explain principles of infection transmission.	
4.1.1.1 Identify classifications of pathogens <ul style="list-style-type: none"> • Bacteria 	426, 436 (#20 and 21), 453–454

Fungi <ul style="list-style-type: none"> • Parasites • Protozoa • Viruses 	
4.1.1.2 Describe characteristics of microorganisms <ul style="list-style-type: none"> • Aerobic • Anaerobic • Non-pathogenic a. Pathogenic 	421, 426
4.1.1.3 Recognize chain of infection	425-428, 436 (#22)
4.1.1.4 Describe mode of transmission <ul style="list-style-type: none"> • Common vehicle (air, food, water) • Direct • Healthcare-associated infections (nosocomial) • Indirect • Opportunistic • Vectors 	426-428, 429-430, 431-433
4.1.2 Differentiate methods of controlling the spread and growth of pathogens	
4.1.2.1 Asepsis <ul style="list-style-type: none"> • Sanitization • Antisepsis • Disinfection • Sterile technique • Sterilization 	429-433, 490-494, 647-649
4.1.1.2 Standard precautions <ul style="list-style-type: none"> • Handwashing • Gloving • Personal Protective Equipment (PPE) • Environmental cleaning 	193-199, 217 (#26), 429, 437 (#28)

4.1.2.3 Isolation precautions • Transmission-based contact	432-433
4.1.2.4 Bloodborne pathogen precautions	421-422, 430-431
4.1.2.5 Vaccinations	457, 509
4.2 Personal Safety	
4.2.1 Apply personal safety procedures based on Occupational Safety and Health Administration (OSHA) and Centers for Disease Control (CDC) regulations.	193-199, 277-281, 642-644
4.2.2 Demonstrate principles of body mechanics during patient care. • Ambulating • Lifting • Positioning	279-280, 287 (#29 and 31), 502-504
4.2.3 Demonstrate and apply the use of personal protective equipment (PPE).	197, 712
4.3 Environmental Safety	
4.3.1 Apply safety techniques in the work environment. • Ergonomics • Safe operation of equipment • Patient/client/employee safety measures	433, 494-498, 502-504, 574-583, 587 (#32), 642-644, 711-714
4.4 Common Safety Hazards	
4.4.1 Observe all safety standards related to the occupational exposure to hazardous chemicals standard (safety data sheets [SDS]).	421-422
4.4.2 Comply with safety signs, symbols, and labels	642, 665 (#29)
4.5 Emergency Procedures and Protocols	
4.5.1 Practice fire safety in a healthcare setting.	575-578

4.5.2 Apply principles of basic emergency response in natural disasters and other emergencies (safe location, contact emergency personnel, follow facility protocols).	360–367, 582-583
5.0 Technical Skills Apply technical skills required for all career specialties and demonstrate skills and knowledge as appropriate	
5.1 Obtain training or certification in <ul style="list-style-type: none"> • Automated external defibrillator (AED) • Cardiopulmonary resuscitation (CPR) • First aid • Foreign body airway obstruction (FBAO) 	360-362, 364-365
6.0 Employability Skills Utilize employability skills to enhance employment opportunities and job satisfaction.	
6.1 Personal Traits of the Health Professional	
6.1.1 Identify personal traits and attitudes desirable in a career ready member of a health team. <ul style="list-style-type: none"> • Acceptance of criticism • Competence • Dependability • Discretion • Empathy • Enthusiasm • Honesty • Initiative • Integrity • Patience • Positive Attitude • Responsibility 	41–42, 48, 49, 60, 74, 88, 177–179, 216 (#18), 222, 224, 228, 229, 234, 265, 267, 268, 327 (#23), 333–334, 342, 362, 369-371, 384-392, 413 (#33), 477, 572–573, 618, 629–630, 640, 656-657

<ul style="list-style-type: none"> • Self-motivation • Tact • Team player • Willingness to learn 	
6.1.2 Summarize professional standards as they apply to hygiene, dress, language, confidentiality and behavior.	41–42, 130–132, 134–135, 136–138, 143 (#29), 368–371, 376 (#26), 509, 572–574, 655–658
6.2 Employability Skills	
6.2.1 Apply employability skills in healthcare. <ul style="list-style-type: none"> • Chain of command • Communication Skills • Decision making • Flexible • Organization • Problem Solving • Scope of practice • Time Management • Work Ethic 	41–42, 130–132, 134–135, 136–138, 143 (#29), 368–371, 376 (#26), 509, 572–574, 655–658
6.3 Career Decision-making	
6.3.1 Research levels of education, credentialing requirements, and employment trends in health professions.	20–31, 42–47, 67 (#25), 134–135, 180–189, 215 (#17), 217 (#29), 266–268, 334–343, 375 (#16), 377 (#32), 419–421, 478–487, 523 (#28), 631–637, 665 (#34)
6.3.2 Distinguish differences among careers within a health science pathway. <ul style="list-style-type: none"> • Biotechnology research and development • Diagnostic services • Health informatics • Support services • Therapeutic services 	42–47, 180–189, 212, 334–343, 376 (#17), 478–487, 630–638
6.4 Employability Preparation	

<p>6.4.1 Develop components of a personal portfolio.</p> <ul style="list-style-type: none"> • Letter of introduction • Resume • Sample Projects • Writing Sample • Work-based Learning Documentation • Oral Report • Community Service / Service Learning • Credentials • Technology Skills • Leadership Examples 	<p>61–63, 67 (#26, 27, 28), 207, 217 (#30, 31, 32), 377, 518–519, 523 (#29), 659–661, 665 (#35 and 36)</p>
<p>6.4.2 Identify strategies for pursuing employment.</p> <ul style="list-style-type: none"> • Social media • Personal networking • Employer websites • Internships 	<p>46, 204–211, 373, 377 (#34), 480, 656–658</p>