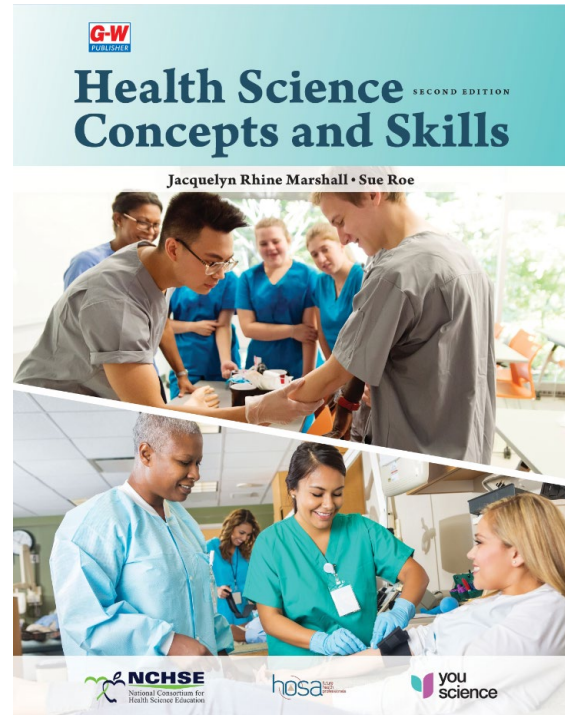


**Correlation of**  
**Health Science Concepts and Skills, Jacquelyn Rhine Marshall and Sue C. Roe**  
**(Goodheart-Willcox Publisher ©2024)**  
to  
**Precision Exams by YouScience Foundations of Healthcare Professions**

Goodheart-Willcox is pleased to partner with Precision Exams by YouScience by correlating *Health Science Concepts and Skills* to their Foundations of Healthcare Professions standards. Precision Exams standards and Career Skills Exams were created in concert with industry and subject matter experts to match real-world job skills and marketplace demands. Students that pass the exam and performance portion of the exam can earn a Career Skills Certification.

The correlation chart below lists the standards, objectives, and indicators for the Foundations of Healthcare Professions exam in the left column. Corresponding content from *Health Science Concepts and Skills* that can be used by a student to help achieve the standard, objective, or indicator is listed in the right column.

For more information on Precision Exams by YouScience, including a complete listing of their 150+ Career Skills Exams and Certificates, please visit [www.youscience.com/certifications/career-clusters/](http://www.youscience.com/certifications/career-clusters/).



Standards / Objectives / Indicators	Textbook Pages
<b>1.0: Communication</b>	
Demonstrate methods of delivering and obtaining information, while communicating effectively.	
<b>1.1. Concepts of Effective Communication</b>	
<b>1.1.1:</b> Model verbal and nonverbal therapeutic communication. <ul style="list-style-type: none"> <li>• Active listening</li> <li>• Silence</li> <li>• Summarizing</li> <li>• Reflecting</li> </ul>	230-261
<b>1.1.2:</b> Identify common barriers to communication.	236-240, 249-251, 253-254, 260 (Short Answer #1)
<b>1.1.2.1:</b> Physical disabilities <ul style="list-style-type: none"> <li>• Aphasia</li> <li>• Hearing loss</li> <li>• Impaired vision</li> <li>• Developmental level</li> </ul>	237-239

<b>Standards / Objectives / Indicators</b>	<b>Textbook Pages</b>
<b>1.1.2.2:</b> Psychological barriers <ul style="list-style-type: none"> <li>• Attitudes</li> <li>• Bias</li> <li>• Prejudice</li> <li>• Stereotyping</li> </ul>	236-237
<b>1.1.3:</b> Interpret elements of communication using sender-message-receiver feedback model.	240-241, 260 (Multiple Choice #15, Short Answer #4)
<b>1.1.4:</b> Modify communication to meet the needs of the patient/client and be appropriate to the situation.	235, 239-240, 249-251, 261 (Critical Thinking #3)
<b>1.1.5:</b> Describe appropriate interactions with patients throughout various stages of psychosocial development.	100, 236-240
<b>1.2. Medical Terminology</b>	
<b>1.2.1:</b> Interpret common medical abbreviations to communicate information specific to course content.	346-347, 364 (Multiple Choice #10, Medical Terms and Abbreviations #5, #7-12)
<b>2.0: Teamwork</b>	
Identify roles and responsibilities of individual members as part of the healthcare team.	
<b>2.1:</b> Evaluate roles and responsibilities of healthcare team members.	41, 268-269
<b>2.2:</b> Identify characteristics of effective teams. <ul style="list-style-type: none"> <li>• Defined roles</li> <li>• Common purpose</li> <li>• Effective communication</li> <li>• Effective leadership</li> <li>• Measurable processes and outcomes</li> <li>• Mutual respect</li> <li>• Shared goals</li> </ul>	41, 233, 235, 267-269, 296 (Short Answer #5)
<b>2.3. Team Member Participation</b>	
<b>2.3.1:</b> Recognize methods for building positive team relationships.	267-269
<b>2.3.2:</b> Analyze attributes and attitudes of an effective leader.	53, 268, 297 (Critical Thinking #7-8)
<b>2.3.2.1:</b> Characteristics <ul style="list-style-type: none"> <li>• Focused and driven</li> <li>• Interpersonal skills</li> <li>• Motivates and inspires</li> <li>• Organized and balanced</li> </ul>	267, 268
<b>2.3.2.2:</b> Types <ul style="list-style-type: none"> <li>• Autocratic</li> <li>• Democratic</li> <li>• Laissez faire</li> </ul>	268

<b>Standards / Objectives / Indicators</b>	<b>Textbook Pages</b>
<b>2.3.2.3: Roles</b> <ul style="list-style-type: none"> <li>• Communicates vision</li> <li>• Leads change</li> <li>• Manages accountability</li> </ul>	266, 268, 269
<b>2.3.4: Apply effective techniques for managing team conflict.</b> <ul style="list-style-type: none"> <li>• Communicate assertively</li> <li>• Set clear expectations</li> <li>• Gather the facts</li> <li>• Mediate disputes</li> <li>• Negotiate resolutions</li> </ul>	268, 270-271
<b>2.3.5: Evaluate why teamwork is an important part of healthcare and how it improves patient care.</b>	267-268, 296 (Short Answer #5)
<b>3.0: Health Maintenance Practices</b> Differentiate between wellness and disease. Promote disease prevention and model healthy behaviors.	
<b>3.1: Healthy Behaviors</b>	
<b>3.1.1: Promote behaviors of health and wellness.</b> <ul style="list-style-type: none"> <li>• Exercise</li> <li>• Nutrition</li> <li>• Relationships</li> <li>• Sleep habits</li> <li>• Stress management</li> <li>• Weight control</li> </ul>	458-461, 469-471, 483-484, 494 (Short Answer #2 and 5), 495 (Critical Thinking #1-2)
<b>3.1.2: Examine various aspects of behavioral health.</b> <ul style="list-style-type: none"> <li>• Anxiety</li> <li>• Depression</li> <li>• Substance abuse</li> <li>• Suicide</li> </ul>	476-484, 494 (Multiple Choice #12 and 14, Short Answer #1 and 6)
<b>3.1.3: Describe strategies for prevention of disease.</b> <ul style="list-style-type: none"> <li>• Community health education outreach programs</li> <li>• Immunizations</li> <li>• Medical, dental, and mental health screenings</li> <li>• Routine physical exams</li> <li>• Stress management</li> </ul>	470-471, 486-487, 489-491, 495 (Critical Thinking #1, 2, and 4)
<b>3.1.4: Investigate complementary and alternative health practices as they relate to wellness and disease prevention.</b> <ul style="list-style-type: none"> <li>• Acupuncture</li> <li>• Eastern medicine</li> <li>• Holistic medicine</li> <li>• Homeopathy</li> <li>• Manipulative therapies</li> <li>• Natural therapies</li> </ul>	461, 487-488, 494 (Short Answer #4 and 7)
<b>3.2: Healthcare Across the Lifespan</b>	
<b>3.2.1: Discuss physical, mental, social, and behavioral development and its impact on healthcare.</b>	496-523

<b>Standards / Objectives / Indicators</b>	<b>Textbook Pages</b>
<b>4.0: Safety Practices</b>	
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.	
<b>4.1: Infection Control</b>	
<b>4.1.1:</b> Explain principles of infection transmission.	164-174
<b>4.1.1.1:</b> Identify classifications of pathogens. <ul style="list-style-type: none"> <li>• Bacteria</li> <li>• Fungi</li> <li>• Parasites</li> <li>• Protozoa</li> <li>• Viruses</li> </ul>	165-170, 171 (Multiple Choice #2-3), 195 (Multiple Choice #1 and 4), 196 (Multiple Choice #7, Short Answer #7, Critical Thinking #2)
<b>4.1.1.2:</b> Describe characteristics of microorganisms. <ul style="list-style-type: none"> <li>• Aerobic</li> <li>• Anaerobic</li> <li>• Non-pathogenic</li> <li>• Pathogenic</li> </ul>	165-170, 196 (Multiple Choice #5)
<b>4.1.1.3:</b> Recognize chain of infection.	172-180, 196 (Multiple Choice #8, Short Answer #6)
<b>4.1.1.4:</b> Describe mode of transmission. <ul style="list-style-type: none"> <li>• Common vehicle (air, food, water)</li> <li>• Direct</li> <li>• Healthcare-associated infections (nosocomial)</li> <li>• Indirect</li> <li>• Opportunistic</li> <li>• Vectors</li> </ul>	171, 172-174, 184-185, 196 (Short Answer #1)
<b>4.1.2:</b> Differentiate methods of controlling the spread and growth of pathogens.	174-180, 181-193
<b>4.1.2.1:</b> Asepsis <ul style="list-style-type: none"> <li>• Sanitization</li> <li>• Antisepsis</li> <li>• Disinfection</li> <li>• Sterile technique</li> <li>• Sterilization</li> </ul>	179-180, 196 (Multiple Choice #12, Critical Thinking #3)
<b>4.1.2.2:</b> Standard precautions <ul style="list-style-type: none"> <li>• Handwashing</li> <li>• Gloving</li> <li>• Personal Protective Equipment (PPE)</li> <li>• Environmental cleaning</li> </ul>	174-179, 184, 185-189, 196 (Short Answer #8)
<b>4.1.2.3:</b> Isolation precautions <ul style="list-style-type: none"> <li>• Transmission-based contact</li> </ul>	182-183
<b>4.1.2.4:</b> Bloodborne pathogen precautions.	182
<b>4.1.2.5:</b> Vaccinations	10, 167-168, 190, 404, 443, 455 (Critical Thinking #7)

<b>Standards / Objectives / Indicators</b>	<b>Textbook Pages</b>
<b>4.2: Personal Safety</b>	
<b>4.2.1:</b> Apply personal safety procedures based on Occupational Safety and Health Administration (OSHA) and Centers for Disease Control (CDC) regulations.	108-122, 123-129, 160 (Short Answer #7), 182, 185, 190-191, 193 (Multiple Choice #4), 196 (Multiple Choice #10, 13, 14, 15, Short Answer #2 and 5)
<b>4.2.2:</b> Demonstrate principles of body mechanics during patient care. <ul style="list-style-type: none"> <li>• Ambulating</li> <li>• Lifting</li> <li>• Positioning</li> </ul>	124-127, 130-143, 143-154, 157 (Multiple Choice #1-3), 160 (Short Answer #5)
<b>4.2.3:</b> Demonstrate and apply the use of personal protective equipment (PPE).	185-189
<b>4.3: Environmental Safety</b>	
<b>4.3.1:</b> Apply safety techniques in the work environment. <ul style="list-style-type: none"> <li>• Ergonomics</li> <li>• Safe operation of equipment</li> <li>• Patient/client/employee safety measures</li> </ul>	73, 106-161, 539-540, 663, 695 (Short Answer #5)
<b>4.4: Common Safety Hazards</b>	
<b>4.4.1:</b> Observe all safety standards related to the occupational exposure to hazardous chemicals standard (safety data sheets [SDS]).	117-118, 129 (Multiple Choice #3), 160 (Multiple Choice #14, Short Answer #7)
<b>4.4.2:</b> Comply with safety signs, symbols, and labels.	114, 117, 120, 183
<b>4.5: Emergency Procedures and Protocols</b>	
<b>4.5.1:</b> Practice fire safety in a healthcare setting.	114-116, 159 (Multiple Choice #4), 160-161 (Short Answer #1, Critical Thinking #3)
<b>4.5.2:</b> Apply principles of basic emergency response in natural disasters and other emergencies (safe location, contact emergency personnel, follow facility protocols).	113-114, 119, 160 (Critical Thinking #1)
<b>5.0: Technical Skills</b>	
Apply technical skills required for all career specialties and demonstrate skills and knowledge as appropriate.	
<b>5.1:</b> Obtain training or certification in: <ul style="list-style-type: none"> <li>• Automated external defibrillator (AED)</li> <li>• Cardiopulmonary resuscitation (CPR)</li> <li>• First aid</li> <li>• Foreign body airway obstruction (FBAO)</li> </ul>	600-608, 610-619
<b>6.0: Employability Skills</b>	
Utilize employability skills to enhance employment opportunities and job satisfaction.	
<b>6.1: Personal Traits of the Health Professional</b>	

<b>Standards / Objectives / Indicators</b>	<b>Textbook Pages</b>
<p><b>6.1.1:</b> Identify personal traits and attitudes desirable in a career ready member of a health team.</p> <ul style="list-style-type: none"> <li>• Acceptance of criticism</li> <li>• Competence</li> <li>• Dependability</li> <li>• Discretion</li> <li>• Empathy</li> <li>• Enthusiasm</li> <li>• Honesty</li> <li>• Initiative</li> <li>• Integrity</li> <li>• Patience</li> <li>• Positive Attitude</li> <li>• Responsibility</li> <li>• Self-motivation</li> <li>• Tact</li> <li>• Team player</li> <li>• Willingness to learn</li> </ul>	<p>41, 79 (Critical Thinking #4), 83, 90-91, 256, 265-273, 276-293, 295 (Multiple Choice #3-4), 296 (Short Answer #1, 5, and 7)</p>
<p><b>6.1.2:</b> Summarize professional standards as they apply to hygiene, dress, language, confidentiality, and behavior.</p>	<p>265, 271, 272-274, 295 (Multiple Choice #2), 296 (Short Answer #1, Critical Thinking #1)</p>
<p><b>6.2: Employability Skills</b></p>	
<p><b>6.2.1:</b> Apply employability skills in healthcare.</p> <ul style="list-style-type: none"> <li>• Chain of command</li> <li>• Communication Skills</li> <li>• Decision making</li> <li>• Flexible</li> <li>• Organization</li> <li>• Problem Solving</li> <li>• Scope of practice</li> <li>• Time Management</li> <li>• Work Ethic</li> </ul>	<p>40, 43-45, 85, 98-99, 104 (Short Answer #4), 206-209, 228 (Short Answer #3), 230-261, 262-297</p>
<p><b>6.3: Career Decision-making</b></p>	
<p><b>6.3.1:</b> Research levels of education, credentialing requirements, and employment trends in health professions.</p>	<p>45-48, 78-79 (Short Answer #7 and Critical Thinking #2)                      Education and credentialing requirements on pages 633-635, 655, 661, 669, 672, 677, 688</p>
<p><b>6.3.2:</b> Distinguish differences among careers within a health science pathway.</p> <ul style="list-style-type: none"> <li>• Biotechnology research and development</li> <li>• Diagnostic services</li> <li>• Health informatics</li> <li>• Support services</li> <li>• Therapeutic services</li> </ul>	<p>48-49, 50-62, 63-75, 78 (Short Answer #4-5)</p>
<p><b>6.4: Employability Preparation</b></p>	

Standards / Objectives / Indicators	Textbook Pages
<b>6.4.1:</b> Develop components of a personal portfolio. <ul style="list-style-type: none"><li>• Letter of introduction</li><li>• Resume</li><li>• Sample Projects</li><li>• Writing Sample</li><li>• Work-based Learning Documentation</li><li>• Oral Report</li><li>• Community Service/Service Learning</li><li>• Credentials</li><li>• Technology Skills</li><li>• Leadership Examples</li></ul>	277-282, 296 (Multiple Choice #6-8)
<b>6.4.2:</b> Identify strategies for pursuing employment. <ul style="list-style-type: none"><li>• Social media</li><li>• Personal networking</li><li>• Employer websites</li><li>• Internships</li></ul>	282-284, 296 (Short Answer #8), 297 (Critical Thinking #4)