

**Correlation of
Health Science Concepts and Skills, Jacquelyn Rhine Marshall and Sue C. Roe
(Goodheart-Willcox Publisher ©2024)**

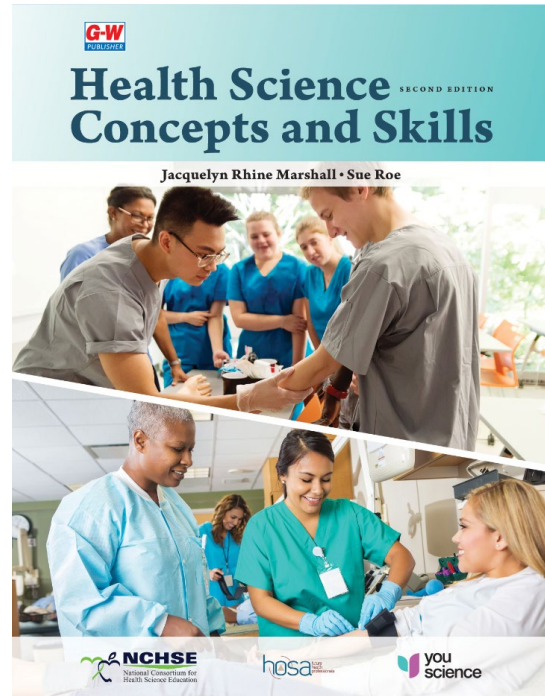
to

Precision Exams by YouScience Essential Healthcare Practices

Goodheart-Willcox is pleased to partner with Precision Exams by YouScience by correlating *Health Science Concepts and Skills* to their Essential Healthcare Practices 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 Essential Healthcare Practices 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/.



Standards / Objectives / Indicators	Textbook Pages
1.0: Communication Demonstrate methods of delivering and obtaining information, while communicating effectively.	
1.1. Concepts of Effective Communication	
1.1.1: Distinguish between subjective and objective information.	254-255, 260 (Multiple Choice #7)
1.2. Written Communication Skills	
1.2.1: Use proper elements of written and electronic communication (spelling, grammar, and formatting).	254-256, 696-713, 714 (Multiple Choice #1-7), 715 (Multiple Choice #8-15, Grammar Review #1-13, Critical Thinking #1-2)
1.2.2: Prepare examples of technical and informative writing.	255-256
1.2.3: Demonstrate appropriate use of digital communication in a work environment, such as email, text, and social media.	255-256
1.3. Medical Terminology	

Standards / Objectives / Indicators	Textbook Pages
1.3.1: Use common roots, prefixes, and suffixes to communicate information.	338-343
1.3.2: Interpret common medical abbreviations to communicate information.	346-348, 364 (Medical Terms and Abbreviations #1-12), 704
2.0: Human Anatomy and Physiology Understand human anatomy, physiology, common diseases and disorders, and medical math principles.	
2.1. Describe the organization of the human body and directional terms.	
2.1.1: Describe anatomical position	350-352, 364 (Multiple Choice #7, Short Answer #4)
2.1.2: Identify body planes. <ul style="list-style-type: none"> • Sagittal • Midsagittal • Coronal / Frontal • Transverse / Horizontal 	353-354, 364 (Short Answer #6)
2.1.3: Use directional terms. <ul style="list-style-type: none"> • Anterior / Posterior • Medial / Lateral • Proximal / Distal • Superficial / Deep • Superior / Inferior • Ventral / Dorsal 	352-353
3.0: Systems Identify how key systems affect services performed and quality of care.	
3.1: Healthcare Delivery Systems	
3.1.1: Differentiate healthcare delivery systems and healthcare related agencies.	18-33, 35 (Multiple Choice #3 and 10, Short Answer #1)
3.1.1.1: Types of healthcare practices <ul style="list-style-type: none"> • Acute care • Ambulatory care • Behavioral and mental health services • Home care • Long-term care • Medical and dental practices 	26-32
3.1.1.2: Specialty medical and dental practices <ul style="list-style-type: none"> • Cosmetic surgery • Pulmonology • Surgical • Orthodontics 	29, 53-54, 421 and 423
3.1.2: Government <ul style="list-style-type: none"> • Veterans Administration (VA) • Centers for Disease Control and Prevention (CDC) • Food and Drug Administration (FDA) • Occupational Safety and Health Administration (OSHA) • Public Health Service (PHS) 	18-33, 36 (Short Answer #7)

Standards / Objectives / Indicators	Textbook Pages
3.1.3: Related organizations <ul style="list-style-type: none"> • American Cancer Society • American Heart Association (AHA) • American Red Cross (ARC) • March of Dimes • World Health Organization (WHO) 	25-26, 36 (Short Answer #1), 602-603
3.2: Examine the healthcare consumer’s rights and responsibilities within the healthcare system. <ul style="list-style-type: none"> • Self-advocacy • Compliance • Patient’s Bill of Rights 	32, 37 (Critical Thinking #4), 88-89, 105 (Critical Thinking #7), 127
3.3: Analyze the impact of emerging issues on healthcare delivery systems. <ul style="list-style-type: none"> • Addictions • Bioethics • Epidemiology • Socioeconomics • Technology 	16-17, 421, 480-484, 526-527, 539
3.4: Analyze healthcare economics and related terms	
3.4.1: The history and role of health insurance and employer/employee benefits.	18-23, 35 (Multiple Choice #2-3), 36 (Multiple Choice #10, Short Answer #6), 37 (Critical Thinking #2)
3.4.2: Fundamental terms related to health insurance <ul style="list-style-type: none"> • Claim • Coinsurance • Co-payment • Fraud • HIPAA • Premium 	18-23, 36 (Short Answer #6), 91
3.4.3: Types of insurance plans	20-21, 21-22
3.4.3.1: Private health insurance plans	20-21, 21-22
3.4.3.2: Managed care <ul style="list-style-type: none"> • Health Maintenance Organization (HMO) • Independent Practice-Association (IPA) • Preferred Provider Organization (PPO) 	20-21, 21-22, 37 (Critical Thinking #2)
3.4.3.3: Government programs <ul style="list-style-type: none"> • Affordable Care Act (ACA) • Medicaid • Medicare • Tricare • Workers’ Compensation 	18-23, 35 (Multiple Choice #3), 36 (Multiple Choice #10)
4.0: Legal Responsibilities Describe legal responsibilities, limitations, and implications on healthcare worker actions.	
4.1: Legal Responsibilities and Implications	

Standards / Objectives / Indicators	Textbook Pages
<p>4.1.1: Analyze legal responsibilities and implications of criminal and civil law.</p> <ul style="list-style-type: none"> • Abuse • Assault • Battery • Invasion of privacy • Libel • Malpractice • Negligence • Slander 	<p>85-86, 86 (Multiple Choice #5), 87-94, 104 (Short Answer #1-2)</p>
<p>4.2: Legal Practices</p>	
<p>4.2.1: Apply standards for the safety, privacy and confidentiality of health information</p> <ul style="list-style-type: none"> • HIPAA • Privileged communication 	<p>91-92, 96</p>
<p>4.2.2: Describe advance directives</p>	<p>89, 104 (Short Answer #5)</p>
<p>4.2.3: Summarize the essential characteristics of a patient’s basic rights within a healthcare setting.</p>	<p>88-89</p>
<p>4.2.4: Differentiate informed and implied consent.</p>	<p>93</p>
<p>4.2.5: Explain laws governing harassment.</p>	<p>100, 101 (Multiple Choice #4), 103 (Multiple Choice #3)</p>
<p>4.2.6: Describe the concept of scope of practice.</p>	<p>98-99, 104 (Short Answer #4)</p>
<p>4.2.7: Utilize procedures for reporting activities and behaviors that affect the health, safety, and welfare of others (incident report).</p>	<p>155-156, 157 (Multiple Choice #5), 159 (Multiple Choice #1), 160 (Short Answer #4)</p>
<p>5.0: Ethics Understand accepted ethical practices with respect to cultural, social, and ethnic differences within the healthcare environment.</p>	
<p>5.1: Ethical Practice</p>	
<p>5.1.1: Differentiate between ethical and legal issues impacting healthcare.</p>	<p>82-86, 86 (Multiple Choice #1)</p>
<p>5.1.2: Identify ethical issues and their implications related to healthcare.</p> <ul style="list-style-type: none"> • Ethics committee • Euthanasia • In vitro fertilization • Organ donation • Scope of practice 	<p>82-86, 98-99, 549 (Critical Thinking #2)</p>
<p>5.2: Cultural, Social, and Ethnic Diversity</p>	

Standards / Objectives / Indicators	Textbook Pages
<p>5.2.1: Discuss religious and cultural values as they impact healthcare.</p> <ul style="list-style-type: none"> • Ethnicity • Gender • Race • Religion 	100-101, 250-251, 461, 463 (Multiple Choice #4), 494 (Multiple Choice #11)
<p>5.2.2: Demonstrate respectful and empathetic treatment of ALL patients/clients.</p> <ul style="list-style-type: none"> • Civility • Customer service • Patient satisfaction 	59, 100, 101, 236-240
<p>6.0: Medical Mathematics Understand math principles integral to medical applications.</p>	
<p>6.1: Demonstrate competency using basic math skills and mathematical conversions as they relate to healthcare.</p>	
<p>6.1.1: Metric system</p> <ul style="list-style-type: none"> • Kilo- • Centi- • Deci- • Milli- • Micro- 	323-327, 333 (Short Answer #4), 335 (Converting Measurements #1-10)
<p>6.1.2: Mathematical Operations</p> <ul style="list-style-type: none"> • Average • Ratios • Fractions • Percentages • Addition / Subtraction • Multiplication / Division 	300-309, 317-321, 332 (Multiple Choice #5, 10, and 13), 333 (Math Skills #4 and Language Skills), 334 (Decimals #5, Percentages #1-10, Ratios #1-5), 718-728, 729-730, 731 (Multiple Choice #1-7), 732 (Multiple Choice #8-15, Short Answer #1-5, Critical Thinking #1-6)
<p>6.1.3: Conversions</p> <ul style="list-style-type: none"> • Height (inches/meters) • Weight/mass (pounds/grams) • Length (inches/meters) • Volume (ml/cc) • Temperature (F/C) • Household measurements (Tbsp/tsp/cup/oz) 	324-327, 335 (Converting Measurements #1-10)
<p>6.2: Demonstrate the ability to analyze diagrams, charts, graphs, and tables to interpret healthcare results.</p>	319-321, 333 (Critical Thinking #3)
<p>6.3: Demonstrate use of the 24-hour clock/military time.</p>	327-328, 329 (Multiple Choice #5-6), 332 (Short Answer #1), 333 (Critical Thinking #2 and 4), 335 (The 24-Hour Clock #1-15)
<p>7.0: Technical Skills Apply and demonstrate technical skills and knowledge common to health career specialties.</p>	

Standards / Objectives / Indicators	Textbook Pages
<p>7.1: Demonstrate procedures for measuring and recording vital signs including the normal ranges.</p> <ul style="list-style-type: none">• Blood pressure• Oxygen saturation• Pain• Pulse• Respirations• Temperature	552-567, 568-577, 578-585, 597 (Short Answer #3-4, Critical Thinking #1-2)