



<b>Goodheart-Willcox Publisher Correlation of Health Science: Concepts and Applications ©2018 to the National Consortium for Health Science Education’s Essential Healthcare Practices exam provided by Precision Exams</b>		
<b>STANDARD</b>	<b>CORRELATING PAGES</b>	
<b>1.0: Communication</b> Demonstrate methods of delivering and obtaining information, while communicating effectively.		
<b>1.1</b>	<b>Concepts of Effective Communication</b>	
1.1.1	Distinguish between subjective and objective information.	470
<b>1.2</b>	<b>Written Communication Skills</b>	
1.2.1	Use proper elements of written and electronic communication (spelling, grammar, and formatting).	469-471
1.2.2	Prepare examples of technical and informative writing	470-471
1.2.3	Demonstrate appropriate use of digital communication in a work environment, such as email, text, and social media.	470–471
<b>1.3</b>	<b>Medical Terminology</b>	
1.3.1	Use common roots, prefixes, and suffixes to communicate information.	136-140
1.3.2	Interpret common medical abbreviations to communicate information.	142-144, 161 (#22-33, #42), 374, 572
<b>2.0: Human Anatomy and Physiology</b> Understand human anatomy, physiology, common diseases and disorders, and medical math principles.		
<b>2.1</b>	<b>Describe the organization of the human body and directional terms.</b>	
2.1.1	Demonstrate anatomical position	147, 161 (#38)
2.1.2	Identify body planes <ul style="list-style-type: none"> <li>• Sagittal</li> <li>• Midsagittal</li> <li>• Coronal / Frontal</li> <li>• Transverse / Horizontal</li> </ul>	150–151, 161 (#40), 237 (#24)
2.1.3	Use directional terms <ul style="list-style-type: none"> <li>• Anterior / Posterior</li> <li>• Medial / Lateral</li> <li>• Proximal / Distal</li> <li>• Superficial / Deep</li> <li>• Superior / Inferior</li> <li>• Ventral / Dorsal</li> </ul>	149–150
<b>3.0: Systems</b> Identify how key systems affect services performed and quality of care.		
<b>3.1</b>	<b>Healthcare Delivery Systems</b>	



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3.1.1	Differentiate healthcare delivery systems and healthcare related agencies.	17-30, 33
3.1.1.1	Types of healthcare practices <ul style="list-style-type: none"><li>• Acute care</li><li>• Ambulatory care</li><li>• Behavioral and mental health services</li><li>• Home care</li><li>• Long-term care</li><li>• Medical and dental practices</li></ul>	24-30
3.1.1.2	Specialty medical and dental practices <ul style="list-style-type: none"><li>• Cosmetic surgery</li><li>• Pulmonology</li><li>• Surgical</li><li>• Orthodontics</li></ul>	27, 48, 227
3.1.2	Government <ul style="list-style-type: none"><li>• Veterans Administration (VA)</li><li>• Centers for Disease Control and Prevention (CDC)</li><li>• Food and Drug Administration (FDA)</li><li>• Occupational Safety and Health Administration (OSHA)</li><li>• Public Health Service (PHS)</li></ul>	17-18, 21-23, 25, 33 (#22)
3.1.3	Related organizations <ul style="list-style-type: none"><li>• American Cancer Society</li><li>• American Heart Association (AHA)</li><li>• American Red Cross (ARC)</li><li>• March of Dimes</li><li>• World Health Organization (WHO)</li></ul>	23, 33 (#21), 352
3.2	Examine the healthcare consumer's rights and responsibilities within the healthcare system. <ul style="list-style-type: none"><li>• Self-advocacy</li><li>• Compliance</li><li>• Patient's Bill of Rights</li></ul>	30, 33 (#33), 76, 89 (#36), 100
3.3	Analyze the impact of emerging issues on healthcare delivery systems. <ul style="list-style-type: none"><li>• Addictions</li><li>• Bioethics</li><li>• Epidemiology</li><li>• Socioeconomics</li><li>• Technology</li></ul>	31, 227, 248-251, 292, 304 (Real Life Scenario), 311 (#28), 601-609
3.4	Analyze healthcare economics and related terms	
3.4.1	The history and role of health insurance and employer/employee benefits	17-21, 32

3.4.2	<p>Fundamental terms related to health insurance</p> <ul style="list-style-type: none"> <li>• Claim</li> <li>• Coinsurance</li> <li>• Co-payment</li> <li>• Fraud</li> <li>• HIPAA</li> <li>• Premium</li> </ul>	17-21, 83, 131 (#20)
3.4.3	Types of insurance plans	19-20
3.4.3.1	Private health insurance plans	19-20
3.4.3.2	<p>Managed care</p> <ul style="list-style-type: none"> <li>• Health Maintenance Organization (HMO)</li> <li>• Independent Practice Association (IPA)</li> <li>• Preferred Provider Organization (PPO)</li> </ul>	19-20, 33 (#31)
3.4.3.3	<p>Government programs</p> <ul style="list-style-type: none"> <li>• Affordable Care Act (ACA)</li> <li>• Medicaid</li> <li>• Medicare</li> <li>• Tricare</li> <li>• Workers' Compensation</li> </ul>	17-19, 33 (#13, #20)
<b>4.0: Legal Responsibilities</b>		
Describe legal responsibilities, limitations, and implications on healthcare worker actions.		
<b>4.1</b>	<b>Legal Responsibilities and Implications</b>	
4.1.1	<p>Analyze legal responsibilities and implications of criminal and civil law.</p> <ul style="list-style-type: none"> <li>• Abuse</li> <li>• Assault</li> <li>• Battery</li> <li>• Invasion of privacy</li> <li>• Libel</li> <li>• Malpractice</li> <li>• Negligence</li> <li>• Slander</li> </ul>	74-81, 89 (#23, #28)
<b>4.2</b>	<b>Legal Practices</b>	
4.2.1	<p>Apply standards for the safety, privacy and confidentiality of health information</p> <ul style="list-style-type: none"> <li>• HIPAA</li> <li>• Privileged communication</li> </ul>	76, 83-85, 84 (Real Life Scenario)
4.2.2	Describe advance directives	77, 89 (#25, #27)
4.2.3	Summarize the essential characteristics of a patient's basic rights within a healthcare setting	76



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4.2.4	Differentiate informed and implied consent.	85
4.2.5	Explain laws governing harassment.	85-86
4.2.6	Describe the concept of scope of practice.	81, 82 (Real Life Scenario), 89 (#26)
4.2.7	Utilize procedures for reporting activities and behaviors that affect the health, safety, and welfare of others (incident report).	98-100, 102 (#1-3), 128 (#11), 129 (#21)
<b>5.0: Ethics</b>		
Understand accepted ethical practices with respect to cultural, social, and ethnic differences within the healthcare environment.		
<b>5.1</b>	<b>Ethical Practice</b>	
5.1.1	Differentiate between ethical and legal issues impacting healthcare.	72, 89 (#22)
5.1.2	Identify ethical issues and their implications related to healthcare. <ul style="list-style-type: none"> <li>Ethics committee</li> <li>Euthanasia</li> <li>In vitro fertilization</li> <li>Organ donation</li> <li>Scope of practice</li> </ul>	72-74, 73 (Extend Your Knowledge), 81-82, 311 (#29)
<b>5.2</b>	<b>Cultural, Social, and Ethnic Diversity</b>	
5.2.1	Discuss religious and cultural values as they impact healthcare. <ul style="list-style-type: none"> <li>Ethnicity</li> <li>Gender</li> <li>Race</li> <li>Religion</li> </ul>	87, 259, 464-465
5.2.2	Demonstrate respectful and empathetic treatment of ALL patients/clients. <ul style="list-style-type: none"> <li>Civility</li> <li>Customer service</li> <li>Patient satisfaction</li> </ul>	53 (Real Life Scenario), 87, 454-457
<b>6.0: Medical Mathematics</b>		
Understand math principles integral to medical applications.		
<b>6.1</b>	<b>Demonstrate competency using basic math skills and mathematical conversions as they relate to healthcare.</b>	
6.1.1	Metric system <ul style="list-style-type: none"> <li>Kilo-</li> <li>Centi-</li> <li>Deci-</li> <li>Milli-</li> <li>Micro-</li> </ul>	496-500, 503 (#28), 505 (#41-60)



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6.1.2	Mathematical Operations <ul style="list-style-type: none"><li>• Average</li><li>• Ratios</li><li>• Fractions</li><li>• Percentages</li><li>• Addition / Subtraction</li><li>• Multiplication / Division</li></ul>	476-483, 491-492, 504 (#6-20), 587-597, 598 (#11-19), 599 (#16-20)
6.1.3	Conversions <ul style="list-style-type: none"><li>• Height (inches/meters)</li><li>• Weight/mass (pounds/grams)</li><li>• Length (inches/meters)</li><li>• Volume (ml/cc)</li><li>• Temperature (F/C)</li><li>• Household measurements (Tbsp/tsp/cup/oz)</li></ul>	496-500, 505 (#51-60)
6.2	Demonstrate the ability to analyze diagrams, charts, graphs, and tables to interpret healthcare results.	493-494, 503 (#30)
6.3	Demonstrate use of the 24-hour clock/military time.	500-501, 503 (#23 and #29), 505 (#61-75)
<b>7.0: Technical Skills</b> Apply and demonstrate technical skills and knowledge common to health career specialties.		
7.1	Demonstrate procedures for measuring and recording vital signs including the normal ranges. <ul style="list-style-type: none"><li>• Blood pressure</li><li>• Oxygen saturation</li><li>• Pain</li><li>• Pulse</li><li>• Respirations</li><li>• Temperature</li></ul>	318-343, 347 (#21-23, #26, #28-29)