

# Foundations of Health Science: High School

## Foundational Standards

- 1 Incorporate safety procedures in handling, operating, and maintaining tools and machinery; handling materials; utilizing personal protective equipment; maintaining a safe work area; and handling hazardous materials and forces. **F.1**
- 2 Demonstrate effective workplace and employability skills, including communication, awareness of diversity, positive work ethic, problem-solving, time management, and teamwork. **F.2**
- 3 Explore the range of careers available in the field and investigate their educational requirements and demonstrate job-seeking skills including resume-writing and interviewing. **F.3**
- 4 Advocate and practice safe, legal, responsible, and ethical use of information and technology tools specific to the industry pathway. **F.4**
- 5 Participate in a Career and Technical Student Organization (CTSO) to increase knowledge and skills and to enhance leadership and teamwork. **F.5**
- 6 Demonstrate effective infection control techniques as defined by the Centers for Disease Control and Prevention (CDC) and The Joint Commission guidelines. **F.6**

## Anatomy and Physiology

- 1 Describe the basic organization of the human body. **1**
- 2 Utilize directional terms to indicate the locations of anatomical structures. **2**
- 3 Identify basic structures and functions of human body systems. **3**

## Medical Math

- 4 Tell and record time using the 24-hour clock. **4**
- 5 Use dimensional analysis to convert English and metric measurements commonly used in health care. **5**

## Communication

- 6 Compare and contrast verbal and nonverbal communication. **6**
- 7 Identify common barriers to communication and describe ways to overcome them. **7**

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	<b>8 Communicate with patients and co-workers using techniques of the sender-message-receiver feedback model. 8</b>
<b>Medical Terminology</b>	<b>9 Use common roots, prefixes, and suffixes to communicate medical information. 9</b>
	<b>10 Use and explain common medical abbreviations to communicate health information accurately. 10</b>
<b>Safety</b>	<b>11 Identify existing and potential hazards to clients, co-workers, and self in the healthcare setting. 11</b>
	<b>12 Identify and describe a variety of common infectious organisms, including blood-borne pathogens. 12</b>
<b>Healthcare Delivery Systems</b>	<b>13 Compare and contrast the focus, functions, and organization of various healthcare delivery systems. 13</b>
	a Compare and contrast the focus, functions, and organization of healthcare-related agencies. 13.A
	<b>14 Compare and contrast early beliefs about the causes and treatment of disease with current knowledge and explain how advances in knowledge have led to changes in prevention and treatment. 14</b>
	a Identify 10 or more major events in the history of health care and explain their significance. 14.A
<b>Employability Skills</b>	<b>15 Describe personal and professional traits and attitudes that are desirable in a healthcare worker. 15</b>
<b>Legal and Ethical Responsibilities</b>	<b>16 Summarize legal and ethical responsibilities within the healthcare delivery setting. 16</b>
	<b>17 Research and debate bioethical dilemmas encountered in the healthcare setting. 17</b>
<b>Health and Wellness</b>	<b>18 Describe fundamental principles and practices of health promotion and wellness. 18</b>
	<b>19 Identify and describe the social determinants of health. 19</b>
	a Explain the impact that trauma and the social determinants of health may have on patients and their health outcomes. 19.A
<b>Technical Skills</b>	<b>20 Demonstrate entry-level skills required in various careers in the healthcare industry, including specific skills for areas of particular interest. 20</b>

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