Alabama CTE

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 hem. 7

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