

Career and Technology Education Academy of Health Professionals

AOHP: Foundations of Medicine and Health Science and Structure and Functions of the Human Body

Standards

Indicators

AOHP.FMHS.SFHB.10 – Academic Foundation

AOHP.FMHS.SFHB.10.01 - Use concepts of biology, chemistry, physics, and mathematics to solve healthcare related problems

AOHP.FMHS.SFHB.10.02 - Apply science concepts in the assessment and delivery of medical and healthcare services

AOHP.FMHS.SFHB.10.03 - Demonstrate the scientific process and use problem-solving skills in medical and healthcare settings

AOHP.FMHS.SFHB.10.04 - Make informed decisions based on critical thinking and problem solving skills

AOHP.FMHS.SFHB.10.05 - Perform mathematical calculations related the healthcare industry

AOHP.FMHS.SFHB.10.06 - Implement investigative procedures by posing questions, formulating testable hypotheses, selecting appropriate methods and technology, and solving problems

AOHP.FMHS.SFHB.10.07 - Organize, analyze, evaluate, make inferences and predict trends from data

AOHP.FMHS.SFHB.10.08 - Accurately use various diagnostic and therapeutic technologies

AOHP.FMHS.SFHB.10.09 - Apply science concepts in the assessment and delivery of medical and healthcare services

AOHP.FMHS.SFHB.10.10 - Evaluate cause and effect of disease, trauma, and congenital defects on the structures and function of cells, tissues, organs, and systems

AOHP.FMHS.SFHB.10.11 - Analyze and explain the chemical reactions that occur in the human body

AOHP.FMHS.SFHB.10.12 - Identify the effects of environmental factors on the human body and its systems

AOHP.FMHS.SFHB.10.13 - Explain the systems of the human body, their structure and function, and their interdependence on each other.

AOHP.FMHS.SFHB.10.14 - Describe the effect of external forces upon human body systems

AOHP.FMHS.SFHB.10.15 - Analyze the interrelationship of body systems and their role in the chemical and physical processes of homeostasis

AOHP.FMHS.SFHB.10.16 - Describe the various types of tissues that are found in the human body

AOHP.FMHS.SFHB.10.17 - Compare and contrast cultural and life-span considerations

AOHP.FMHS.SFHB.10.18 - Compare and contrast the historical significance of medicine with present practice and future advances

AOHP.FMHS.SFHB.20 – Communications

AOHP.FMHS.SFHB.20.01 - Demonstrate effective communication skills through reading, writing, listening and speaking

AOHP.FMHS.SFHB.20.02 - Present information visually, verbally and in written form to peer and professional audiences utilizing a variety of methods.

AOHP.FMHS.SFHB.20.03 - Accurately define, effectively use, and transcribe medical vocabulary related to healthcare

AOHP.FMHS.SFHB.20.04 - Use directional terms and anatomical planes related to body structure and systems

AOHP.FMHS.SFHB.20.05 - Accurately use medical terminology.

AOHP.FMHS.SFHB.30 – Systems

AOHP.FMHS.SFHB.30.01 - Demonstrate the scientific process, healthcare related problem-solving skills and the application of healthcare technologies

AOHP.FMHS.SFHB.30.02 - Evaluate the impact of enhanced technology on the healthcare delivery system

AOHP.FMHS.SFHB.30.03 - Describe systems theory and its components

AOHP.FMHS.SFHB.30.04 - Analyze the impact of healthcare delivery services and regulatory agencies within the context of a global economy

AOHP.FMHS.SFHB.30.05 - Understand systems and construct a general systems model using inputs, throughputs, and a feedback loop

AOHP.FMHS.SFHB.30.06 - Analyze global healthcare issues and predict future trends.

AOHP.FMHS.SFHB.40 – Employability Skills

AOHP.FMHS.SFHB.40.01 - Identify career areas of interest within healthcare and make informed decisions about career options, educational requirements and career preparation

AOHP.FMHS.SFHB.40.02 - Demonstrate appropriate professional behaviors required of the healthcare professional