Texas CTE

Allied Health Therapeutic Services

Knowledge and Skills. ALLHTS

1 The student demonstrates professional standards/employability skills as required by business and industry. The student is expected to: ALLHTS.1

- A communicate ideas in a clear, concise, and effective manner; ALLHTS.1A
- B model how to cooperate, contribute, and collaborate as a member of a team; and ALLHTS.1B
- C model soft skills associated with employment in a healthcare therapeutic career such as critical thinking, communication, collaboration, creativity, reliability, time management, and productivity; and ALLHTS.1C
- D identify academic preparation and skills necessary for employment as defined by the health science industry. ALLHTS.1D

2 The student expresses appropriate verbal and nonverbal communication skills. The student is expected to: ALLHTS.2

- A differentiate components of effective and non-effective communication; and ALLHTS.2A
- B model effective communication skills, including conflict-resolution skills, for responding to the needs of individuals in a diverse society. ALLHTS.2B

3 The student demonstrates professional and safety requirements of the allied health workplace. The student is expected to: ALLHTS.3

- A summarize and distinguish among the roles of allied health professionals on an integrated health care team; ALLHTS.3A
- B analyze the consequences of using inappropriate medical terminology in health care; ALLHTS.3B
- C identify hospital-acquired pathologies and the processes used to prevent their spread; ALLHTS.3C
- D research Safety Data Sheet (SDS) guidelines used in health care settings; ALLHTS.3D
- E differentiate between various uses of personal protective equipment (PPE) with hospital-specific pathologies such as methicillin resistant Staphylococcus aureus, vancomycin-resistant Enterococcus, tuberculosis, and coronavirus disease (COVID-19); ALLHTS.3E
- F demonstrate various lifting techniques to transport patients out of a hospital setting in the event of a mass evacuation or fire; and ALLHTS.3F

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G describe how vital signs present with different pathologies. ALLHTS.3G

4 The student researches medical laws and ethics associated with allied healthcare. The student is expected to: ALLHTS.4

A compare the standards, including those set forth by the Health Insurance Portability and Accountability Act (HIPAA), for privacy, safety, and confidentiality of health information; ALLHTS.4A

B examine principles of ethical behavior and related issues such as the breach of confidentiality; ALLHTS.4B

C research ethical issues related to health care technologies; ALLHTS.4C

D distinguish among issues related to malpractice, negligence, and liability; and ALLHTS.4D

E model understanding of diversity and cultural health care practices ALLHTS.4E

5 The student researches and evaluates the knowledge and skills required in respiratory therapy occupations. The student is expected to: ALLHTS.5

A model the use of the pulse oximeter and recognize normal and abnormal values associated with breathing; ALLHTS.5A

B compare the different cardiopulmonary pathologies of pulmonary diseases such as asthma, emphysema, and COVID-19; ALLHTS.5B

C differentiate among standard precautions necessary for pulmonary diseases including asthma, emphysema, tuberculosis, influenza, pneumonia, and COVID19; ALLHTS.5C

D identify the relevant anatomy and physiology associated with the practice of respiratory therapy; and ALLHTS.5D

E differentiate among roles of respiratory therapists in various work settings such as long-term care facilities, hospitals, home health, sleep clinics, and medical offices. ALLHTS.5E

6 The student researches and evaluates the knowledge and skills required in speech pathology occupations. The student is expected to: ALLHTS.6

A differentiate among communication, speech, language, and hearing; ALLHTS.6A

B summarize the structural basis of speech production and hearing; ALLHTS.6B

C identify healthy verbal and nonverbal communication development; ALLHTS.6C

D describe the developmental building blocks for appropriate speech, language, and hearing development; ALLHTS.6D

E analyze and apply the terminology related to human communication, such as speech sound production, fluency (stuttering), voice, language, hearing, hearing loss, pragmatics, swallowing, and cognition; ALLHTS.6E

F identify the psychological bases of communication and the linguistic and cultural influences on interpersonal communication; ALLHTS.6F

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G describe the role of the speech-language pathologist in discriminating between healthy speech and language development and hearing disorders; ALLHTS.6G

H identify the relevant anatomy and physiology associated with the practice of speech pathology; and ALLHTS.6H

I differentiate roles of speech pathologist in various work settings such as nursing and residential care facilities, hospitals, educational settings, and private practices. ALLHTS.6I

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7 The student researches and evaluates radiological imaging occupations. The student is expected to: ALLHTS.7

A identify pathologies seen in imaging techniques; ALLHTS.7A

B use appropriate medical terminology relating to different types of imaging techniques such as chest radiographs and magnetic resonance imaging (MRI); ALLHTS.7B

C identify the technology used in diagnostic imaging; ALLHTS.7C

D identify anatomy and physiology associated with the practice of various radiological imaging occupations, such as X-ray technician or MRI technician; ALLHTS.7D

E differentiate roles of individuals working in radiological imaging occupations such as radiological technologists, cardiovascular technologists, and MRI technicians/technologists; and ALLHTS.7E

F differentiate among various work settings for individuals in radiological imaging occupations such as inpatient and outpatient settings. ALLHTS.7F

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8 The student researches and evaluates the skills required in physical therapy occupations. The student is expected to: ALLHTS.8

A differentiate among types of musculoskeletal injuries including sprains, strains, and fractures; ALLHTS.8A

B identify different types of splinting techniques for upper and lower extremities; ALLHTS.8B

C assess passive and active range of motion on the upper and lower extremities; ALLHTS.8C

D demonstrate proper application of moist heat and cold packs; ALLHTS.8D

E demonstrate the proper use of mobility aids such as walkers, canes, or crutches; ALLHTS.8E

F identify and use medical terminology and abbreviations commonly used in physical therapy; ALLHTS.8F

G identify relevant anatomy and physiology associated with the practice of physical therapy; ALLHTS.8G

H differentiate roles of the physical therapist in various work settings such as acute care, inpatient rehabilitation, or outpatient therapy; and ALLHTS.8H

describe the contraindications for imaging modalities. ALLHTS.8I

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9 The student researches and evaluates the skills required in occupational therapy careers. The student is expected to: ALLHTS.9

- A explain how occupational therapy overlaps with other allied health occupations; ALLHTS.9A
- B differentiate the roles of occupational therapists in various work settings such as acute care, inpatient rehabilitation, or outpatient therapy; ALLHTS.9B
- C describe types of adaptive equipment used in occupational therapy such as bed side commode, tub transfer bench, built-up utensils, weighted utensils, sock aid, reacher/grabber, long handled sponge, long handled shoehorn, leg lifter and dressing stick; ALLHTS.9C
- D identify and explain medical terminology and abbreviations commonly used in occupational therapy; and ALLHTS.9D
- E identify anatomy and physiology associated with the practice of occupational therapy. ALLHTS.9E

10 The student describes the principles and role of pharmacology in allied health occupations. The student is expected to: ALLHTS.10

- A identify and explain common medical abbreviations used in a prescription order; ALLHTS.10A
- B explain the required components of a prescription order; ALLHTS.10B
- C identify drugs commonly used in the respiratory, physical therapy, speech pathology, and occupational therapy fields; ALLHTS.10C
- D calculate dosages based on patient weight; ALLHTS.10D
- E identify common over-the-counter medications used for pain management and respiratory disorders. ALLHTS.10E

11 The student analyzes strategies for the prevention of disease. The student is expected to ALLHTS.11

- A develop a wellness plan for a common disease and/or injury; ALLHTS.11A
- B research and analyze local public health issues; ALLHTS.11B
- C analyze access to quality health care in local community and describe implications of community health; and ALLHTS.11C
- D explain the process and components of creating a local public health campaign to promote wellness. ALLHTS.11D