Arkansas CTE

Introduction to Healthcare (2026)

Explain the state of health care with the anticipated changes to the field. 1

1 **Examine the historical evolution of healthcare systems in the United States.** 1.1

1. Discuss changes in healthcare and how these changes influence today's healthcare. 1.1.1
2. Outline the major advances in the 21st century regarding healthcare. 1.1.2
3. Assess cultural roles and changes in the 21st century. 1.1.3
4. Explore developments with modern healthcare innovations and practices. 1.1.4
5. Examine concepts that influence the changing landscape in the future of healthcare. 1.1.5

Analyze the Healthcare Administration 2

1 **Analyze healthcare economics.** 2.1

1. Assess the historical changes in insurance and how the system has evolved. 2.1.1
2. Explain the types of insurance plans and government programs, including Medicare and Medicaid. 2.1.2
3. Compare and contrast common concepts of insurance, including copay, premium, and deductible. 2.1.3

2 **Investigate what is involved in developing or maintaining a healthcare facility.** 2.2

1. Differentiate between different types of healthcare facilities (e.g., Inpatient vs. Outpatient, Acute vs. Long-Term, Urgent Care vs. ER, non-profit vs. profit facilities etc.). 2.2.1
2. Identify the necessary components for a fully functioning facility. 2.2.2
3. Explore budgetary strategies and analysis for budgets. 2.2.3
4. Identify appropriate policies and procedures that should be enforced in the healthcare facility. 2.2.4

Research and analyze career opportunities in healthcare. 3

1 **Compare and contrast careers in the health science career areas.** 3.1

1. Compare career opportunities within the healthcare career areas (i.e. Therapeutic Service, Diagnostic Service, Health Informatics, Support Service, and Biotechnology Research and Development). 3.1.1

Differentiate educational requirements among various career fields under each area. 3.1.2

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3 Differentiate jobs requiring certification, registration, and licensure requirements, and how those differ among career areas. 3.1.3

4 Analyze Arkansas's state licensing or educational requirements for various jobs in a given area. 3.1.4

2 Determine and discuss the value of professional organizations within the healthcare community, including Career Technical Student Organizations (CTSO's). 3.2

1 Describe and connect various professional organizations with the appropriate healthcare field. 3.2.1

2 Identify the characteristics and responsibilities of organizational leaders. 3.2.2

3 Review employability skills leading to employment. 3.3

1 Examine the knowledge, skills, and abilities expected or preferred by employers. 3.3.1

2 Identify components of a successful resume for a specific job, with the qualifications necessary for employment. 3.3.2

3 Demonstrate interview skills for a desired position. 3.3.3

4 Recognize and implement professionalism. 3.4

1 Discuss different aspects of positive character. 3.4.1

2 Demonstrate professional dress and appearance in the workplace. 3.4.2

3 Describe the basic traits that make up professionalism specific to healthcare. 3.4.3

4 Demonstrate appropriate written and oral communication skills in the workplace. 3.4.4

Explore Ethical and Legal Responsibilities of Health Care 4

1 Describe legal responsibilities, limitations, and implications on healthcare worker actions. 4.1

1 Comprehend legal terminology (i.e., tort, negligence, assumption of risk, liability). 4.1.1

2 Address the legal, employment, and professional consequences of unethical or illegal conduct. 4.1.2

3 Investigate ways to avoid litigation and case studies that have impacted today's healthcare. 4.1.3

2 Understand accepted ethical practices with respect to cultural, social, and ethnic differences within the healthcare environment. 4.2

1 Distinguish between legal and ethical issues in healthcare (i.e topics such as informed consent and health literacy). 4.2.1

2 Explain how cultural values, beliefs, and practices influence healthcare decisions, communication, and outcomes. 4.2.2

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3 Identify and differentiate between personal and professional ethics, and evaluate how personal bias can impact ethical decision-making in healthcare. 4.2.3

4 Analyze and apply effective communication techniques for interacting with patients and clients in a healthcare setting. 4.2.4

3 Describe and explain the purpose and procedures for documenting care. 4.3

1 Describe the purpose of documenting patient care and explain the procedures for accurate and timely documentation. 4.3.1

2 Demonstrate the procedures for correcting medical documentation. 4.3.2

3 Identify the difference between paper health records and electronic health records (EHR). 4.3.3

4 Discuss Family Educational Rights and Privacy Act (FERPA)/Health Insurance Portability and Accountability Act (HIPAA) compliance issues regarding patient information. 4.3.4

5 Differentiate legal and ethical concerns regarding patient information. 4.3.5

Appropriate safety measures in health care environment 5

1 Examine state and federal medical safety regulations. 5.1

1 Discuss the term “Universal Precautions”. 5.1.1

2 Determine OSHA’s role in the workplace and how it can affect both employees and employers. 5.1.2

3 Identify OSHA’s blood borne pathogen standards. 5.1.3

4 Infer the potential consequences of non-compliance with safety standards in healthcare. 5.1.4

2 Examine policies and procedures for Infection Prevention and Control (IPC). 5.2

1 Identify classifications of microorganisms. (e.g., bacteria, fungi, viruses, parasites) 5.2.1

2 Demonstrate methods of infection prevention and control. 5.2.2

3 Examine elements in the chain of infection and ways to break the chain. 5.2.3

Recognize Common Injuries 6

1 Recognize the difference between chronic versus acute injury. 6.1

1 Compare and contrast acute versus chronic injuries . 6.1.1

2 Use signs and symptoms to determine injury type and severity. 6.1.2

2 Identify anatomical structures and common injuries. 6.2

1 Identify different types of bones. 6.2.1

2 Classify different types of fractures. 6.2.2

3 Recognize anatomical layers of skin. 6.2.3

Differentiate between the types of skin lesions and their treatments. 6.2.4

Identify types of injuries common to muscles, tendons, and ligaments. 6.2.5

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6 Compare the different types of soft tissue injuries. 6.2.6

Emergency Management 7

1 **Describe the components of an Emergency Action Plan (EAP), Hazard Vulnerability Analysis (HVA), and initial response.** 7.1

1 Compare and contrast EAPs, HVAs, and initial response for different venues and settings. 7.1.1

2 Analyze the purposes of both the primary and secondary assessment procedures. 7.1.2

3 Explain the purpose and process of triage in prioritizing patient care based on severity of condition. 7.1.3

4 Evaluate a mass casualty incident and describe the entities that participate in the management of a mass casualty. 7.1.4

2 **Explain the purpose of cardiopulmonary resuscitation (CPR) and first aid.** 7.2

1 Explain and demonstrate the steps of CPR and first aid to include Stop the Bleed training. 7.2.1

2 Recognize situations in which first aid is necessary. 7.2.2

3 Demonstrate the knowledge of ambulatory aids through proper fitting, based on patient condition and care environments. 7.2.3

3 **Identify standards of practice and normal levels for determining a patient's health.** 7.3

1 Identify the normal ranges for pulse, respiration, temperature, blood pressure, and pain. 7.3.1

2 Explain the physiological and environmental factors that can cause deviations from these norms. 7.3.2

3 Differentiate procedures and techniques for taking body temperature. 7.3.3

4 Perform appropriate vital sign measurement indicators including blood pressure, pulse, respirations, temperature and pain. 7.3.4

5 Understand the importance of recording correct and accurate measurements. 7.3.5

4 **Recognize environmental factors that contribute to environmental injury.** 7.4

1 Recognize the difference between thermal related injuries/illnesses. 7.4.1

2 Determine the effects of altitude, air quality, and sun overexposure. 7.4.2

3 Determine the proper prevention of environmental illness. 7.4.3

Role of Overall Wellness in Health Care 8

1 **Identify the principles of fitness.** 8.1

1 Explore concepts of fitness and how they contribute to overall fitness. 8.1.1

Express the importance of warmup and cool down periods. 8.1.2

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3 Assess the consequences and detrimental effects overtraining can have on fitness. 8.1.3

4 Discuss the factors that contribute to proper and adequate sleep habits and their impact on overall health, wellness and performance. 8.1.4

2 Assess nutrition for overall health. 8.2

1 Distinguish the six classes of nutrients. 8.2.1

2 Assess the pros and cons of supplementation. 8.2.2

3 Discuss the idea of caloric balance and how to assess it. 8.2.3

4 Differentiate between body weight and body composition along with the factors that influence both. 8.2.4

5 Compare and contrast the various weight manipulation methods for therapeutic purposes and the benefit to overall health. 8.2.5

Psychology in Health Care 9

1 Recognize the need for differentiated roles in psychology. 9.1

1 Detail the differences between a counselor, psychologist, and a psychiatrist. 9.1.1

2 Recognize behaviors or situations that might require a referral to a mental health practitioner. 9.1.2

3 Distinguish the difference between counseling, support groups, and other mental health resources. 9.1.3

2 Recognize different types of disorders and their contributing factors. 9.2

1 Compare types of stress disorders, mood disorders, anxiety disorders, and eating disorders. 9.2.1

2 Explore how some patients may try to cope with injury or illness. 9.2.2

3 Explore potential disorders that plague the healthcare provider communities. 9.2.3

4 Analyze the impact of social media and electronic use on mental health and emotional well-being. 9.2.4