

Principles of Health Science - Year at a Glance - 2025/2026

1st Nine Weeks 9wk Start Date: 8/11/25 - 9wk End Date: 10/10/25 3rd Nine Weeks 9 wk Start Date: 1/6/26 - 6wk End Date: 3/6/26

- **Unit 01: Employability Skills, Career Options and Preparation** - 18 days
 - **TEKS in this Unit:** (1) The student demonstrates professional standards/employability skills as required by business and industry. The student is expected to
 - (A) express ideas in a clear, concise, and effective manner;
 - (B) exhibit the ability to cooperate, contribute, and collaborate as a member of a team; and
 - (C) identify employer expectations such as punctuality, attendance, time management, communication, organizational skills, and productive work habits.
 - (5) The student assesses career options and the preparation necessary for employment in the health science industry. The student is expected to:
 - (A) locate, evaluate, and interpret career options and employment information; and
 - (B) recognize the impact of career decisions, including the causes and effects of changing employment situations.
 - (6) The student identifies academic preparation and skills necessary for employment as defined by the health science industry. The student is expected to identify academic requirements for professional advancement such as certification, licensure, registration, continuing education, and advanced degrees.
 - **Target Completion Date:**
- **Unit 02: Using Data and Measurement in Health Science** - 18 days
 - **TEKS in this Unit:** (2) The student applies mathematics, science, English language arts, and social studies in health science. The student is expected to:
 - (A) convert units between systems of measurement;
 - (B) apply data from tables, charts, and graphs to provide solutions to health-related problems;
 - (C) interpret technical material related to the health science industry;
 - (D) organize, compile, and write ideas into reports and summaries;

- **Unit 07: Health Science Career Pathways** - 16 days
 - **TEKS in this Unit:** (7) The student identifies the career pathways related to health science. The student is expected to:
 - (A) compare health science careers within the diagnostic, therapeutic, health informatics, support services, and biotechnology research and development systems; and
 - (B) identify the collaborative role of team members between systems to deliver quality health care.
 - **Target Completion Date:**
- **Unit 08: Ethics and Legal Responsibilities** - 16 days
 - **TEKS in this Unit:** (9) The student interprets ethical behavior standards and legal responsibilities. The student is expected to:
 - (A) compare published professional codes of ethics and scope of practice;
 - (B) explain principles of ethical behavior and confidentiality, including the consequences of breach of confidentiality;
 - (C) discuss ethical issues related to health care, including implications of technological advances;
 - (D) examine issues related to malpractice, negligence, and liability; and
 - (E) research laws governing the health science industry.
 - **Target Completion Date:**
- **Checkpoint 3A:**
 - **TEKS Assessed:**
 - 7 (A, B)
 - 9 (A, B, C, D, E)
 - **Window:** February 2nd - 6th
- **Unit 09: Individual Rights and Choices** - 16 days
 - **TEKS in this Unit:** (10) The student recognizes the rights and choices of the individual. The student is expected to:
 - (A) identify situations related to autonomy;
 - (B) identify wellness strategies for the prevention of disease;
 - (C) evaluate positive and negative effects of relationships on physical and emotional health such

- (E) plan and prepare effective oral presentations;
- (F) formulate responses using precise language to communicate ideas
- **Target Completion Date:**
- **Checkpoint 1A:**
 - **TEKS Assessed:**
 - **1 (A, B, C)**
 - **2 (A, B, C, D, E, F)**
 - **5 (A, B)**
 - **6**
 - **Window:** September 8th - 12th
- **Unit 03: Wellness Principles in Health Science - 16 days**
 - **TEKS in this Unit:** (2) The student applies mathematics, science, English language arts, and social studies in health science. The student is expected to:
 - (G) describe biological and chemical processes that maintain homeostasis;
 - (H) identify and analyze principles of body mechanics and movement such as forces and the effects of movement, torque, tension, and elasticity on the human body;
 - (I) identify human needs according to Maslow's Hierarchy of Human Needs;
 - (J) describe the stages of development related to the life span;
 - (K) identify the concepts of health and wellness throughout the life span;
 - (L) analyze and evaluate communication skills for maintaining healthy relationships throughout the life span;
 - **Target Completion Date:**
- **Checkpoint 1B:**
 - **TEKS Assessed:**
 - **1 (A, B, C)**
 - **2 (A, B, C, D, E, F, G, H, I, J, K, L)**
 - **5 (A, B)**
 - **6**
 - **Window:** October 6th - October 10th

- as peers, family, and friends in promoting a healthy community;
- (D) review documentation related to rights and choices; and
- (E) demonstrate an understanding of diversity and cultural practices influencing contemporary aspects of health care.
- **Target Completion Date:**
- **Checkpoint 3B:**
 - **TEKS Assessed:**
 - **7 (A, B)**
 - **9 (A, B, C, D, E)**
 - **10 (A, B, C, D, E)**
 - **Window:** March 2nd - 5th
- **Unit 10: Understanding Safety Requirements in Health Sciences - 14 days**
 - **TEKS in this Unit:** (11) The student recognizes the importance of maintaining a safe environment and eliminating hazardous situations. The student is expected to:
 - (A) identify governing regulatory agencies such as the World Health Organization, Centers for Disease Control and Prevention, Occupational Safety and Health Administration, U.S. Food and Drug Administration, Joint Commission, and National Institute of Health;
 - (B) identify industry safety standards such as standard precautions, fire prevention and safety practices, and appropriate actions to emergency situations; and
 - (C) relate safety practices in the health science industry.
 - **Target Completion Date:**

2rd Nine Weeks

9wk Start Date: 10/15/25 - 9wk End Date: 12/18/25

4th Nine Weeks

9wk Start Date: 3/16/26 - 9wk End Date: 5/21/25

- **Unit 04: Research and Analysis in Health Science** - 16 days
 - **TEKS in this Unit:** (2) The student applies mathematics, science, English language arts, and social studies in health science. The student is expected to:
 - (M) research the historical significance of health care;
 - (N) describe the impact of health services on the Economy;
 - (O) analyze the impact of local, state, and national government on the health science industry;
 - (P) identify diverse and cultural influences that have impacted contemporary aspects of health care delivery; and
 - (Q) research and compare practices used by various cultures and societies to solve problems related to health.
 - **Target Completion Date:**
- **Unit 05: Communication Skills in Health Science** - 14 days
 - **TEKS in this Unit:** (3) The student uses verbal and nonverbal communication skills. The student is expected to:
 - (A) identify components of effective and non-effective communication;
 - (B) demonstrate effective communication skills for responding to the needs of individuals in a diverse society;
 - (C) evaluate the effectiveness of conflict-resolution techniques in various situations; and
 - (D) accurately interpret, transcribe, and communicate medical vocabulary using appropriate technology.
 - **Target Completion Date:**
- **Checkpoint 2A:**
 - **TEKS Assessed:**
 - **2 (M, N, O, P, Q)**
 - **3 (A, B, C, D)**
 - **Window:** November 10th - November 14th
- **Unit 06: Leadership Skills and Teamwork** - 15 days
 - **TEKS in this Unit:** (4) The student implements the leadership skills necessary to function in a democratic society. The student is expected to:
 - (A) identify traits of a leader;
 - (B) demonstrate leadership skills, characteristics, and responsibilities of leaders such as goal-setting and team building; and
 - (C) demonstrate the ability to effectively conduct and participate in meetings.
 - (8) The student examines the role of the multidisciplinary team in providing health care. The student is expected to:
 - (A) explain the concept of teaming to provide quality health care; and
 - (B) examine the role of professional organizations in the

- **Unit 11: Technology for Your Health Sciences Career** - 16 days
 - **TEKS in this Unit:** (12) The student identifies the technology used in the diagnostic, therapeutic, health informatics, support services, and biotechnology research and development systems. The student is expected to:
 - (A) research and identify technological equipment used in the diagnostic, therapeutic, health informatics, support services, and biotechnology research and development systems;
 - (B) identify potential malfunctions of technological equipment; and
 - (C) recognize and explain the process for reporting equipment or technology malfunctions.
 - **Target Completion Date:**
- **Checkpoint 4A:**
 - **TEKS Assessed:**
 - **11 (A, B, C)**
 - **12 (A, B, C)**
 - **Window:** April 13th - 17th
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- preparation and governance of credentialing and certification.
- Target Completion Date:
- Checkpoint 2B:
 - TEKS Assessed:
 - 2 (M, N, O, P, Q)
 - 3 (A, B, C, D)
 - 4 (A, B, C)
 - 8 (A, B)
 - Window: December 15th - December 18th

