

Introduction to Health Science Technology - Grades 9-12

TEKS Manager

Course Credit: .5 credit

Place a check (✓) in each column to show TEKS taught.

	TEKS	1 st 6 wks	2 nd 6 wks	3 rd 6 wks
B. Introduction. (1) To pursue a career in health care, students should know	(1) know how to learn, reason, think, make decisions, solve problems, and communicate effectively.			
B. Introduction. (2) The health care industry is comprised of diagnostic, therapeutic, informational, and environmental systems that function individually and collaboratively to provide comprehensive health care. Students	(2) should understand the employment opportunities, technology, and safety requirements of each system.			
	(2) are expected to learn the knowledge and skills necessary to pursue a health career through further education and/or employment.			
B. Introduction. (3) Professional integrity in health care is dependent on acceptance of ethical and legal responsibilities. Students are	(3) expected to understand their ethical and legal responsibilities, limitations, and implications of their actions.			
C. Knowledge and skills. (1) The student applies math, science, English language arts, and social studies in health science. The students is expected to:	(A) add, subtract, multiply, and divide rational numbers in health related problems;			
	(B) apply data from tables, charts, and graphs to estimate and find solutions to health-related problems;			
	(C) organize, write, and compile ideas into reports and summaries;			
	(D) make contributions relevant to topics in group discussions;			
	(E) survey and research the historical significance of health care;			
	(F) describe the impact of health services on the economy;			
	(G) identify age and cultural influences that have impacted contemporary aspects of health care delivery;			
	(H) identify human needs according to Maslow's Hierarchy of Human Needs;			
	(I) describe the stages of development related to the life span; and			
	(J) identify the concepts of health and wellness through the life span.			
C. Knowledge and skills. (2) The student knows ethical behavior standards and legal responsibilities of health care professionals. The student is expected to:	(A) compare published professional codes of ethics; and			
	(B) identify responsible and ethical behavior.			
	(C) identify ethical issues related to health care delivery;			
	(D) describe the consequences of breach of confidentiality;			
	(E) research and describe laws governing the health care industry; and			
(D) differentiate between malpractice and negligence.				
C. Knowledge and skills. (3) The student knows characteristics of a health care worker. The student is expected to:	(A) describe personal characteristics of a health care worker from the perspective of a consumer;			
	(B) select effective health and wellness routines for health care workers, including stress management;			
C. Knowledge and skills. (4) The student knows the importance of the health care team in providing client care. The student is expected to:	(A) explain the concept of teaming to provide quality health care; and			
	(B) explain the role of professional organizations in the preparation and governance of credentialed health care workers.			
C. Knowledge and skills. (5) The student knows the leadership skills necessary to function in a democratic society. The student is expected to:	(A) identify traits of a leader; and			
	(B) demonstrate skills, characteristics, and responsibilities of leaders and group members.			
C. Knowledge and skills. (6) The student identifies the systems related to health occupations. The student is expected to:	(A) review health careers within the therapeutic, diagnostic, informational, and environmental systems;			
	(B) identify the collaborative role of team members between systems to deliver quality health care; and			
	(C) identify technology utilized in each of the four systems.			

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C. Knowledge and skills. (7) The student knows the systems that finance health care in a free enterprise society. The student is expected to:	(A) compare and contrast hospice, health maintenance organizations, preferred provider organizations, and other care providers;			
	(B) research and describe escalating health care costs and identify individual responsibility in cost containment; and			
	(C) research and describe industry efforts in cost containment, energy conservation, and accountability practices.			
C. Knowledge and skills. (8) The student uses technology to access, process, and retrieve information. The student is expected to:	(A) utilize keyboarding skills to access, process, and retrieve information; and			
	(B) describe technology applications in the health care industry.			

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