

INTRODUCTION TO CAREERS IN HEALTHCARE

(490010 – 70 hour course – content standards 1-6)

(490018 – 140 hour course – content standards 1-8)

Introduction to Careers in Healthcare is a 70 hour or 140 hour course that is designed for middle school students. A broad overview of the Health Science career cluster will be provided. Students will be introduced to the terminology, careers, history, basic skills, and technologies associated with each pathway in the Health Science career cluster. Instruction and learning activities are provided in a classroom laboratory setting using hands-on experiences with the equipment, materials and technology appropriate to the course content and in accordance with current practices. The 70 hour course will include content standards 1-6 and the 140 hour course will include content standards 1-8.

Career and technical student organizations are integral, co-curricular components of each career and technical education course. These organizations serve as a means to enhance classroom instruction while helping students develop leadership abilities, expand workplace-readiness skills, and broaden opportunities for personal and professional growth.

Students will:

Health Science Career Pathways

1. Demonstrate understanding of Therapeutic Services career pathway.
 - Define and use proper terminology associated with the Therapeutic Services career pathway
 - Describe some of the careers available in the Therapeutic Services career pathway
 - Identify common characteristics of the careers in the Therapeutic Services career pathway
 - Research the history of the Therapeutic Services career pathway and describe how the associated careers have evolved and impacted society
 - Identify skills required to successfully enter careers in the Therapeutic Services career pathway
 - Describe technologies associated in careers within the Therapeutic Services career pathway
2. Demonstrate understanding of Diagnostic Services career pathway.
 - Define and use proper terminology associated with the Diagnostic Services career pathway
 - Describe some of the careers available in the Diagnostic Services career pathway
 - Identify common characteristics of the careers in the Diagnostic Services career pathway
 - Research the history of the Diagnostic Services career pathway and describe how the careers have evolved and impacted society

- Identify skills required to successfully enter careers in the Diagnostic Services career pathway
 - Describe technologies associated in careers within the Diagnostic Services career pathway
3. Demonstrate understanding of Health Informatics career pathway.
 - Define and use proper terminology associated with the Health Informatics career pathway
 - Describe some of the careers available in the Health Informatics career pathway
 - Identify common characteristics of the careers in the Health Informatics career pathway
 - Research the history of the Health Informatics career pathway and describe how the careers have evolved and impacted society
 - Identify skills required to successfully enter careers in the Health Informatics career pathway
 - Describe technologies associated in careers within the Health Informatics career pathway
 4. Demonstrate understanding of Support Services career pathway.
 - Define and use proper terminology associated with the Support Services career pathway
 - Describe some of the careers available in the Support Services career pathway
 - Identify common characteristics of the careers in the Support Services career pathway
 - Research the history of the Support Services career pathway and describe how the careers have evolved and impacted society
 - Identify skills required to successfully enter careers in the Support Services career pathway
 - Describe technologies associated in careers within the Support Services career pathway
 5. Demonstrate understanding of Biotechnology Research and Development career pathway.
 - Define and use proper terminology associated with the Biotechnology Research and Development career pathway
 - Describe some of the careers available in the Biotechnology Research and Development career pathway
 - Identify common characteristics of the careers in the Biotechnology Research and Development career pathway
 - Research the history of the Biotechnology Research and Development career pathway and describe how the careers have evolved and impacted society
 - Identify skills required to successfully enter careers in the Biotechnology Research and Development career pathway
 - Describe technologies associated in careers within the Biotechnology Research and Development career pathway

Leadership and Communication Skills

6. Apply leadership and communication skills.
 - Discuss the establishment and history of the student organization HOSA-Future Health Professionals
 - Identify the characteristics and responsibilities of organizational leaders
 - Demonstrate parliamentary procedure skills during a meeting
 - Demonstrate effective communication skills

Information Technology in Healthcare

7. Describe how information technology is used in the Health Science career cluster.
 - Identify information technology careers in the Health Science career cluster, including the responsibilities, tasks and skills they require
 - Relate information technology project management concepts and terms to healthcare careers
 - Identify ethical, legal, and security issues faced by healthcare professionals
 - Demonstrate ways to communicate effectively using Internet technology
 - Use various types of internet search engines effectively to locate information relevant to the Health Science career cluster

Careers in Healthcare

8. Demonstrate an understanding of career opportunities within the healthcare pipeline.
 - Describe the relationship between self-awareness and satisfying career choices
 - Demonstrate an understanding of tasks related to healthcare careers
 - Describe the personal traits required for employment in healthcare
 - Identify types of education and training levels as related to health careers
 - Identify at least three occupations out of each of Health Science Career Pathways: Therapeutic Services, Diagnostic Services, Health Informatics, Support Services, Biotechnology Research and Development
 - Research the advantages and disadvantages of one occupation in each pathway including the following factors; job opportunities, salary range, fringe benefits, working conditions, occupational hazards, and educational requirements
 - Recognize the differences between volunteer and governmental agencies in healthcare
 - Describe the importance of legal and ethical behaviors as related to health careers