

Course Title: Introduction to Health Science
Course Number: 8709350
Course Length: Semester

Course Description:

Beginning with a broad overview of the Health Science career cluster, students are introduced to the terminology, careers, history, required skills, and technologies associated with each pathway in the Health Science career cluster. Additionally, they will be provided with opportunities to acquire and demonstrate beginning leadership skills.

CTE Standards and Benchmarks	
01.0	Demonstrate an understanding of the Therapeutic Services career pathway--The student will be able to:
01.01	Define and use proper terminology associated with the Therapeutic Services career pathway.
01.02	Describe some of the careers available in the Therapeutic Services career pathway.
01.03	Identify common characteristics of the careers in the Therapeutic Services career pathway.
01.04	Research the history of the Therapeutic Services career pathway and describe how the associated careers have evolved and impacted society.
01.05	Identify skills required to successfully enter any career in the Therapeutic Services career pathway.
01.06	Describe technologies associated in careers within the Therapeutic Services career pathway.
02.0	Demonstrate an understanding of the Diagnostic Services career pathway--The student will be able to:
02.01	Define and use proper terminology associated with the Diagnostic Services career pathway.
02.02	Describe some of the careers available in the Diagnostic Services career pathway.
02.03	Identify common characteristics of the careers in the Diagnostic Services career pathway.
02.04	Research the history of the Diagnostic Services career pathway and describe how the careers have evolved and impacted society.
02.05	Identify skills required to successfully enter any career in the Diagnostic Services career pathway.
02.06	Describe technologies associated in careers within the Diagnostic Services career pathway.
03.0	Demonstrate an understanding of the Health Informatics career pathway--The student will be able to:
03.01	Define and use proper terminology associated with the Health Informatics career pathway.
03.02	Describe some of the careers available in the Health Informatics career pathway.

03.03	Identify common characteristics of the careers in the Health Informatics career pathway.
03.04	Research the history of the Health Informatics career pathway and describe how the careers have evolved and impacted society.
03.05	Identify skills required to successfully enter any career in the Health Informatics career pathway.
03.06	Describe technologies associated in careers within the Health Informatics career pathway.
04.0	Demonstrate an understanding of the Support Services career pathway--The student will be able to:
04.01	Define and use proper terminology associated with the Support Services career pathway.
04.02	Describe some of the careers available in the Support Services career pathway.
04.03	Identify common characteristics of the careers in the Support Services career pathway.
04.04	Research the history of the Support Services career pathway and describe how the careers have evolved and impacted society.
04.05	Identify skills required to successfully enter any career in the Support Services career pathway.
04.06	Describe technologies associated in careers within the Support Services career pathway.
05.0	Demonstrate an understanding of the Biotechnology Research and Development career pathway--The student will be able to:
05.01	Define and use proper terminology associated with the Biotechnology Research and Development career pathway.
05.02	Describe some of the careers available in the Biotechnology Research and Development career pathway.
05.03	Identify common characteristics of the careers in the Biotechnology Research and Development career pathway.
05.04	Research the history of the Biotechnology Research and Development career pathway and describe how the careers have evolved and impacted society.
05.05	Identify skills required to successfully enter any career in the Biotechnology Research and Development career pathway.
05.06	Describe technologies associated in careers within the Biotechnology Research and Development career pathway.
06.0	Apply leadership and communication skills--The student will be able to:
06.01	Discuss the establishment and history of the HOSA organization.
06.02	Identify the characteristics and responsibilities of organizational leaders.
06.03	Demonstrate parliamentary procedure skills during a meeting.
06.04	Participate on a committee which has an assigned task and report to the class.

06.05	Demonstrate effective communication skills through delivery of a speech, a slide presentation, or conducting a demonstration.
06.06	Use a computer to assist in the completion of a project related to the Health Science career cluster.
07.0	Describe how information technology is used in the Health Science career cluster--The student will be able to:
07.01	Identify information technology (IT) careers in the Health Science career cluster, including the responsibilities, tasks and skills they require.
07.02	Relate information technology project management concepts and terms to careers in the Health Science career cluster.
07.03	Manage information technology components typically used in professions of the Health Science career cluster.
07.04	Identify security-related ethical and legal IT issues faced by professionals in the Health Science career cluster.
08.0	Use information technology tools--The student will be able to:
08.01	Identify the functions of web browsers, and use them to access the World Wide Web and other computer resources typically used in the Health Science career cluster.
08.02	Use e-mail clients to send simple messages and files to other Internet users.
08.03	Demonstrate ways to communicate effectively using Internet technology.
08.04	Use different types of web search engines effectively to locate information relevant to the Health Science career cluster.
Listed below are the standards that must be met to satisfy the requirements of Section 1003.4156, Florida Statutes--The student will be able to:	
09.0	Describe the influences that societal, economic, and technological changes have on employment trends and future training.
10.0	Develop skills to locate, evaluate, and interpret career information.
11.0	Identify and demonstrate processes for making short and long term goals.
12.0	Demonstrate employability skills such as working in a group, problem-solving and organizational skills, and the importance of entrepreneurship.
13.0	Understand the relationship between educational achievement and career choices/postsecondary options.
14.0	Identify a career cluster and related pathways through an interest assessment that match career and education goals.
15.0	Develop a career and education plan that includes short and long-term goals, high school program of study, and postsecondary/career goals.
16.0	Demonstrate knowledge of technology and its application in career fields/clusters.