Health:IT Objectives, Standards, & Skills

Welcome to Health Information Technology (HIT): A Course made for high school students who have an interest in technology for the health care field.

Electronic Health Records implementation in the United States is creating great opportunities for people who want to work in the health professions. From front office staff to nurses, doctors, and every worker in between, understanding how health information is transferred and how that information can improve the quality of healthcare is a valuable skill. Electronic health records will impact everyone working in a healthcare setting as they complete their daily tasks.

Developed as a comprehensive learning resource, this hands-on course from STEM Fuse uses the latest technology and hands on learning techniques to better connect teachers to their students, and students to the information and customized resources they need to master a subject. It includes digital learning tools that enable instructors to easily customize the course, allow students to master content, and succeed.

Advantage of STEM Fuse's Health Information Technology course:

- The opportunity to work hands-on with content of real software—Practice Fusion is used in physician practices across the country by more than 150,000 medical professionals; the course contains exercises in the areas of Practice Management, Electronic Health Records, and Health Information Technology.

Electronic Health Records impact a variety of professionals in the health field; as such, this content will be relevant to Health Information Management, Health Information Technology, Medical Insurance, Billing, & Coding, Medical Assisting, and even Nursing.

This course was designed to align with national and state core technology standards as well as 21st Century Skills.

STEM Fuse's Health Information Technology course exposes your students to the concepts and technical skills needed to help them succeed in the future.

HEALTH:IT LEARNING OBJECTIVES

1. Technical Skills
2. Creativity, Innovation & Critical Thinking
3. Communication and Collaboration
4. Using Digital Research Tools
5. Career and Post-secondary Education Options

1 - TECHNICAL SKILLS

A. Understand and use health care technology
B. Become familiar and competent in using real-world computer software in the medical field.
C. Learn steps of EHR process using Practice Fusion and understand how to use this technology in a professional and practical application.
D. Select and use applications effectively.
E. Use technology to create and deliver presentations on the HIT topic.

2 - CREATIVE, INNOVATIVE, & CRITICAL THINKING

A. Implement knowledge gained in medical terms unit as well as the hands-on Practice Fusion unit to prepare for Job Shadow experience.
B. Learn to trouble-shoot errors in Practice Fusion.
C. Evaluate peer's presentations based on established rubrics.
D. Perform self- evaluations based on course rubrics.

3 - COMMUNICATION AND COLLABORATION

A. Establish work groups for studying medical terminology, working in Practice Fusion, researching career and education information, and presenting topical research information.
B. Assign tasks within the work group's structure.
C. Use project management skills to meet established outcomes and deadlines.
D. Prepare and present at least two in-class presentations.

4 – USING DIGITAL RESEARCH TOOLS

A. Internet use for Medical Term unit, Career Web Quest, career and education research, and presentations.
B. Internet research, Practice Fusion, Word, and PowerPoint will be integrated into the technology of this course.

5 - RESEARCH CAREER, STEM, AND POST SECONDARY OPTIONS

1. Research career field: employment trends, skills, wages, education, etc.
2. Research educational requirements of field: certificate, diploma, AS, AA, BS, BA, MS, MA, etc.
3. Experience career first-hand in Jos Shadow unit.
4. Report on research and Job Shadow experience: share information with peers.