South Central College

HC 1550 Electronic Health Records

Common Course Outline

Course Information

Description   With the implementation of the electronic health record in today's healthcare environment, it's essential for students entering the healthcare field to understand this technology and how it relates to work in the industry. This course is designed as an introduction to the history of Electronic Health Records (EHRs) and concepts behind the structure of electronic medical recording systems. Additionally, it will provide students the opportunity to use multiple functions of an educational electronic health record. (Prerequisites: None)

Total Credits   2

Total Hours   32

Types of Instruction

Instruction Type	Credits/Hours
Lecture	2.00/32.00

Pre/Corequisites

None

Institutional Core Competencies

Communication - Students will be able to demonstrate appropriate and effective interactions with others to achieve their personal, academic, and professional objectives.

Critical and Creative Thinking - Students will be able to demonstrate purposeful thinking with the goal of using a creative process for developing and building upon ideas and/or the goal of using a critical process for the analyzing and evaluating of ideas.

Course Outcomes

1.   **Recognize the aspects of health recording that led to the emergence of Electronic Health Records (EHRs).**

    Learning Objectives
    Recognize social forces driving EHR adoption.
    Explain government responses to EHR adoption and identify its actions to implement its use nationally.

2.   **Differentiate between the purpose and benefits of electronic and paper recording systems.**

Learning Objectives
Compare the workflow of an office using paper charts vs. an office using an EHR.
Discuss the importance of electronic orders and results.
Compare paper and electronic workflow of orders and results.

3. **Identify multiple potential uses for electronic health recording systems.**

   Learning Objectives
   Identify the core functions an EHR should be capable of performing.
   Describe point-of-care documentation and list various technologies and devices used in EHR solutions today.
   Describe the importance of codified EHR and understand prominent EHR code sets.
   Explain different methods of capturing and recording EHR data.
   Identify types of medication orders and the five rights of medication administration.
   Compare ICD-9-CM and ICD-10 codes.
   Identify ways using an EHR improves patient health.

4. **Define, compare, and contrast Electronic Health Records (EHRs), Electronic Medical Records (EMRs), and Personal Health Records (PHRs).**

   Learning Objectives
   Compare different formats of EHR data.
   Identify and compare Personal Health Records.

5. **Describe how paper records are converted to an electronic health record system and how Electronic Health Records are used in physician practices and other outpatient settings, as well as hospitals.**

   Learning Objectives
   Define Electronic Signature and name the three criteria electronic signatures must meet.
   Describe the advantages and workflow of patient-centered data.
   Explain patient access to electronic health records.

6. **Identify the ways in which electronic health information impacts the privacy and security of medical records and how the Health Insurance Portability and Accountability Act (HIPAA) plays a role in the privacy and security of electronic health records.**

   Learning Objectives
   Describe HIPPA privacy and security concepts, including privacy policies and security requirements and safeguards, as they apply to electronic health records.
   Explain the impact of Internet technology on healthcare.
   Explain how EHR systems use the Internet and describe decision support available on the web.
   Identify methods of remote access and secure Internet communications.

7. **Use an educational electronic health record to experience multiple different functions that are facilitated by the software.**

   Learning Objectives
   Print patient information and other documentation from the educational EHR.
   Create a graph of lab results and vital signs in the educational EHR.
   Describe, create and work with flow sheets within the educational EHR.

8. **Demonstrate the use of multiple functions in the educational EHR.**

   Learning Objectives
   Demonstrate point-of-care data entry.
   Demonstrate order entry into the educational EHR used for diagnostic and laboratory testing.
   Use diagnoses to find protocols, orders and treatments in the educational EHR.
   Use Patient Management and Problem Lists in the educational EHR.
   Demonstrate using the educational EHR to cite patient information from previous visits into a new encounter, view pending orders and review lab results.
   Create and read graphs within the educational EHR.

SCC Accessibility Statement

Disability Services provides accommodations and other supports to students with permanent and temporary disabilities that affect their SCC experience. Disabilities may include mental health (anxiety, depression, PTSD), ADHD, learning disabilities, chronic health conditions (migraine, fibromyalgia), sensory disabilities, and temporary disabilities (broken arm, surgery). Common accommodations are extended test time, private room for testing, audiobooks, and sign language interpreter.

Contact us: Faribault A116 (507) 332-5847. North Mankato E112 (507) 389-7222. ds@southcentral.edu
www.southcentral.edu/disability