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 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.

Career  
Health Science Technology

Cluster

Total Credits  2.00  
Total Hours  32.00

Pre/Corequisites

Prerequisite  None

Course Competencies

1 Recognize the aspects of health recording that led to the emergence of electronic health records.

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 and compare and contrast EHRs, EMRs, and PHRs.

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

5  **Experience how paper records are converted to an electronic health record system and how EHRs 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.
- Discuss patient access to electronic health records.

6  **Discuss the ways in which electronic health information impacts privacy and security of patient's health information and how electronic HIPAA privacy and security rules plays a role in electronic health records.**

**Learning Objectives**
- Discuss HIPPA privacy and security concepts, including privacy policies and security requirements and safeguards, as they apply to electronic health records.
- Discuss the effect of the impact of Internet technology on healthcare.
- Explain how EHR systems use the Internet and describe decision support available on the web.
- Discuss 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 understanding 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.
- Demonstrate using diagnoses to find protocols, orders and treatments in the educational EHR.
- Demonstrate understanding of of 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.
- Demonstrate understanding of reading and creating graphs within the educational EHR.

**SCC Accessibility Statement**
If you have a disability and need accommodations to participate in the course activities, please contact your instructor as soon as possible. This information will be made available in an alternative format, such as Braille, large print, or cassette tape, upon request. If you wish to contact the college ADA Coordinator, call that office at 507-389-7222.

Disabilities page [http://southcentral.edu/academic-policies/disability-rights.html](http://southcentral.edu/academic-policies/disability-rights.html)