**Course Description**

Introduction to health IT standards, health-related data structures, software applications and enterprise architecture in health care and public health. Lab required.

**Student Learning Outcomes**

* Describe general functions, purposes and benefits of health information systems.
* Describe the evolution and adoption of health information systems.
* Compare health information systems in terms of their ability to support the requirements of a health care enterprise.
* Explain the impact of electronic health records on reporting outcomes.
* Explain strategies to minimize major barriers to the adaption of electronic health records.
* Explain the principles of health care data exchange and standards.
* Review workflow design and assessment, and their relationship to patient care, productivity and data analysis.
* Propose the hardware, software, operating system and networking considerations necessary for effective data storage and use in health care organizations.
* Utilize the tools and techniques for collecting, storing, securing, retrieving, and reporting health care data.

**Course Comments**

**Textbook Information**

 

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Health Information Management Technology with CD ISBN: AB103112

 

Building a Foundation with Microsoft Office ISBN: 978-1-591364863