LIS4930

INFORMATION DISCOVERY IN HEALTH INFORMATION MANAGEMENT SYSTEMS

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OVERVIEW OF THIS COURSE

Electronic health records (EHRs) are a key component of the information technology revolution occurring in healthcare. Information stored in EHRs is valuable for practitioners and researchers from the areas of medicine, public health, nursing, law, and health insurance. There are many challenges associated with information stored in Health Information Management Systems such as: data quality, data integration, ethical, legal, and social issues, privacy concerns, search capabilities, knowledge discovery, and data analytics. This course attempts to engage the student in the discipline of information discovery in Health Information Management Systems. Students who take this course will experience hands on activities that include working with a "test" Health Information Management System to better understand the information discovery process.

COURSE TEXT

Information Discovery on Electronic Health Records, Edited by Vagelis Hristidis, Chapman & Hall/CRC Press, 2010, ISBN: 978-1-4200-9038-3. This is a required text and was chosen because it covers the majority of topics comprehensively and succinctly. You are expected to use this book throughout the course.

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