HSA 315 – Health Information Systems

Course Description

This course provides an overview of current information systems including topics such as locating, collecting, analyzing, utilizing, and reporting of health statistics to solve common workplace issues. Students will learn basic concepts of data quality and methods of presentation. Data systems issues as well as health indicators, metrics, and measurements are covered to support informed decision making in a health care organization.

Instructional Materials

Wager, K. A., Lee, F. W., & Glaser, J. P. (2013). *Healthcare information systems: A practical approach for health care management* (3rd ed.). San Francisco, CA: Jossey-Bass.

Course Learning Outcomes

1. Examine the impact technologies have on health care information systems.
2. Describe the basic components of a strategic information system plan.
3. Examine the systems development life cycle as it pertains to both the development of a custom application and the selection of proprietary systems.
4. Describe the major types and classifications of health care information standards and the specific organizations that develop and regulate these standards.
5. Discuss the need for, and identify methods of, accomplishing the security of information systems.
6. Evaluate the impact of strategic information system plans on organizational competiveness and performance.
7. Use technology and information resources to research issues in health information systems.
8. Write clearly and concisely about health information systems using proper writing mechanics.