**University of West Georgia**

**School of Nursing**

**Spring 2014**

**NURS 6590 Informatics, Technology, and Health Care Outcomes**

**Course Description:** This course focuses on the theoretical basis of healthcare informatics with an emphasis on management and processing of healthcare data, information, and knowledge. Communication and client/patient-care technologies, language systems, and basic database design concepts are addressed.

Program objectives are noted in parentheses following the course objectives:

1. Analyze ways in which emerging informatics technologies and processes can transform health care and address health care delivery concerns. (1, 4, 5) (Master’s Essentials 1 & 5)

2. Identify key issues related to the application of emerging informatics technologies and processes to enhance quality care. (5) (Master’s Essential 5)

3. Develop solutions to address the the application of emerging informatics technologies and processes of key issues. (5) (Master’s Essential 5)

4. Apply concepts of data protection to emerging informatics technologies and processes. (5) (Master’s Essential 5)

##### Sample textbooks:

***Required***

McGonigle, D. & Mastrian, K. G. (2012). Nursing informatics and the foundation of knowledge (2nd ed.). Boston, MA: Jones & Bartlett Learning.

***Recommended***

American Psychological Association. (2010). Publication manual of the American Psychological Association (6th ed.).Washington, D.C.: Author. ISBN13: 978-1-4338-0561-5

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##### Topics for class sessions:

Vision

Internet

Consumer Informatics

Electronic Health Record

Protection of Privacy

Information Security

Data Integrity

Telehealth

Healthcare Informatics

**Grading System:**

A = 90 – 100

B = 80 – 89

C = 75 – 79

F = below 75

No course in which a student receives a C grade can be applied to the MSN degree programs of study.

Last updated by JY Feb 5th, 2013.