Nursing Informatics Boot Camp Syllabus
Sponsored by the
Medical University Hospital Authority (MUHA)

December 8th-9th 2016

Presented by:

Susan K. Newbold, PhD, RN-BC, FAAN, FHIMSS, nursinginformatics@comcast.net, is the Course Director and Consultant in Clinical Informatics, Franklin, TN. Most recently she was the Education Lead for the implementation of the Electronic Health Record (EHR) at the Hospital Corporation of America, Nashville, TN. She is uniquely qualified to teach this course as she has experience in the vendor, consulting, academic and hospital world. Dr. Newbold is Board Certified in Nursing Informatics and initiated the first review course in nursing informatics in 1995. In 2001 she won the Sigma Theta Tau International Honor Society of Nursing International Technology Award for Knowledge Advancement for this course.

Dr. Newbold earned her PhD and MS in Nursing from the University of Maryland, Baltimore. She is co-founder of CARING. Identified as a pioneer in nursing informatics, Susan co-edited five books and has written numerous articles on informatics topics. Susan was a keynote speaker in the first nursing informatics conferences held in Taiwan and Singapore and has consulted in informatics in the US, Australia, Canada, New Zealand, Qatar, Singapore, Slovenia, and Taiwan. She is Vice Chair Communications for the International Medical Informatics Association Nursing Informatics Special Interest Group. Susan was selected in the 2013 Class for “Women to Watch” by the Nashville Medical News and is the HIMSS 2015 Chapter Leader of the Year.

Invited Speaker:
Lisa Ihnken, MEd, BSN RN-BC

Course Description:

This intensive two-day course focuses on current informatics trends and issues. It includes content for Registered Nurses who are interested in becoming American Nurses Credentialing Center (ANCC) board certified Informatics Nurses. Other clinical professionals working in informatics may wish to take the course to become exposed to the course topics.

Axxess Consult Inc. is accredited as a provider of continuing nursing education by the American Nurses Credentialing Center's (ANCC) Commission on Accreditation. 14 hours of continuing education credit will be awarded upon completion of this offering. Full attendance at the program is required. This program is approved for up to 14.5 continuing education (CE) hours for use in fulfilling the continuing education requirements of the Certified Professional in Healthcare Information & Management Systems (CPHIMS) and the Certified Associate in Healthcare Information & Management Systems (CAHIMS).
Course Objectives:

1. Discuss the scope and standards of nursing informatics practice
2. Describe professional practice, trends and issues within the informatics nurse role
3. Explore management and leadership issues affecting informatics in healthcare settings
4. Identify key concepts in informatics, information technology, information management, knowledge generation and data security.
5. Consider human factors in relation to information technology systems
6. Describe models and theories associated with informatics.
7. Delineate steps of the system life cycle as it applies to information technology in the health setting

Conference Topics:

These topics from the ANCC outline will be presented in addition to current topics.

I. Foundations of Practice
II. System Design Life Cycle
III. Data Management and Health Care Technology

Registration Fees:

- **MUSC Organization/Employee early registration**: $500.00 (before November 8)
- **MUSC Organization/Employee late registration**: $600.00 (after November 8)
- **Non- MUSC employee early registration**: $550.00 (before November 8)
- **Non- MUSC employee late registration**: $600.00 (after November 8)
Day 1 Agenda Thursday 8th, 2016

7:30am - 8:00am   Registration and Continental Breakfast
8:00am - 9:00am   Welcome, Introductions, Set Objectives
9:00am - 10:00am  Foundations of Practice - Professional Practice
10:00am - 10:15am Break
10:15am - 11:30am Professional Practice (continued)
11:30am - 12:00pm System Design Life Cycle -

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Planning and Analysis
Designing and Building
Implementing and Testing
Evaluating, Maintaining, and Supporting

12:00pm - 1:00pm  Lunch (provided)
1:00pm - 2:30pm   System Design Life Cycle (continued)
2:30pm - 2:45pm   Break
2:45pm - 3:30pm   System Design Life Cycle (continued)
3:30pm - 4:30pm   Introduction to Case Studies and time to work in groups
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Day 2 Agenda Friday 9th, 2016

7:30am - 8:00am  Sign in and Continental Breakfast

8:00am - 10:00am  Foundations of Practice (continued)
                    Models and Theories
                    Rules, Regulations, and Requirements

10:00am - 10:15am  Break

10:15am - 11:00am  Foundations of Practice Human Factors (continued)

11:00am - 12:00pm  Data Management and Health Care Technology
                    Data Standards
                    Data Management
                    Data Transformation
                    Hardware, Software, and Peripherals

12:00pm - 1:00pm  Lunch (provided)

1:00pm - 1:30pm  Data Management and Health Care Technology (continued)

1:30pm - 2:45pm  Presentation of Case Studies by Attendees and Discussion

2:45pm - 3:00pm  Break

3:00pm - 3:30pm  Presentation of Case Studies by Attendees and Discussion

3:30pm - 4:30pm  Certification Exam Preparation
                    Final Questions, Course evaluation, Raffle, Adjourn