NRSE 6600: Capstone Synthesis Practicum – Nursing Informatics

Program Overview
The Nursing Informatics specialization prepares nurses to more effectively utilize information technology to enhance the quality of patient care. This specialization blends nursing science with computer and information science. Coursework focuses on such key areas as information systems, database concepts, and effective project management. Graduates have the knowledge to integrate data, information, and knowledge to support decision-making processes that affect patients and providers.

Course Description
Students in this course apply the MSN curriculum experience by translating knowledge into practice by designing, developing, and implementing a project in a professional healthcare setting. By using the culmination of learning, students gain the opportunity to effect positive social change within the healthcare delivery environment in the roles of change agent and nurse. The result of the practicum experience provides students with an experience through which they develop their passion as a practitioner while enhancing the nurse role as an advocate for social change within the context of a scholarly presence.

Credit & Practicum Hours
Quarter Credit Hours: 5 credits
- Didactic – 3 credits
- Practicum – 2 credits (144 practicum hours)
Practicum Hours: This course requires a minimum of 144 practicum hours.

Course Learning Outcomes
- Create professional development objectives for the Practicum Experience
- Apply theory as it relates to a practicum and/or practice experiences
- Apply knowledge and expertise to address a health care problem in a practicum setting
- Evaluate Practicum Experiences
- Evaluate the achievement of individualized and Practicum Project objectives
- Apply methods for disseminating outcomes of the Practicum Project
- Evaluate opportunities for continued professional growth

MSN Learning Outcomes
At the end of this program, students will be able to:
1. Synthesize organizational/systems leadership for cost-effective specialist nursing practice that contributes to high-quality healthcare delivery, advancement of the nursing profession, and social change.
2. Critique evidence-based literature drawing from diverse theoretical perspectives and pertinent research to guide decision making that demonstrates best practices for specialist nursing practice in a global society.
3. Integratively assess, diagnose, plan, implement, and evaluate cost-effective healthcare strategies that reduce health disparities by patient/population advocacy for access to specialist nursing care.
4. Demonstrate ability to effectively communicate using audience-specific oral, written, and information technology for professional delivery of specialist nursing care.
5. Evaluate health needs of diverse populations for necessary teaching/coaching functions based on specialist nursing knowledge to restore/promote health and prevent illness/injury.
6. Exhibit ongoing commitment to professional development and value of nursing theories/ethical principles (altruism, autonomy, human dignity, integrity, social justice) in accordance with ethically responsible, legally accountable, specialist nursing practice.
7. Implement specialist nursing roles to promote quality improvement of patient-centered care in accordance with professional practice standards that transform health outcomes for diverse populations.