Week 2: Assignment

Reflection Questions

Reflect upon your current or most recent clinical practice and answer the following:

1. How is informatics used?
   Informatics is an essential part of the healthcare system, and it is used by every healthcare professional on a daily basis. As we see technology evolving, we need to develop our understanding of technology as nurses and future Nurse Practitioner. Informatics is used in varies way in health care, whether if it's inpatient or outpatient, clinicians and patients utilize online portal systems, electronic medical records, data collection devices such as vital sign machines and glucometers, as well as personal data devices and email, which these are a few ways it is utilized. (Sweeney, 2017). One of the biggest reasons why informatics was adopted into the healthcare system is to ensure patient safety and to give good healthcare outcomes to patients.

2. Regarding the Pre-TANIC Self-Assessment for this week, how did your perceived competency level prior to the self-assessment compared to after the self-assessment? Explain in detail.
   I perceived my competency at a mid-level, which is considered as an experienced nurse. Before the Pre-Tanic Self- Assessment due to my current job title, I am expected to help improve patient outcomes and develop policies in my healthcare setting. After completing the self-assessment, I realized that my competency is at a mid-expert level, which is between an experienced nurse and an informatics nurse specialist, reflecting on the questions presented in the self-assessment. I assume that I have improved in my computer skills and knowledge over time because of my current role. When I was a floor nurse, I was exposed to limited computer usage, which focused mostly on EHR and some clinical applications used throughout the hospital. As I assumed my current role as a Director of Nursing in a Home Health Agency, I have improved my computer knowledge, focusing me on expanding my nursing knowledge into informatics.

3. What TWO competencies do you use in your current clinical role? Provide examples.
   According to McGonigle & Mastrian (2018), there are three competency categories that are considered in nursing informatics, which are computer skills, informatics knowledge, and informatics skills. After reflecting on each competency, I think I use all three of the competencies, but if I have to choose two of them, I would say I use computer skills and informatics knowledge in my current clinical role. The reason why I say I use these two competencies in my current setting is to fulfill my current position, I have to develop different ways of improving the patient's outcome and prevent further decline in their health when our agency is servicing them. To accomplish these goals, I need to become an expert in computer skills to help develop different formats to improve existing programs used in the agency. Also, to prevent further patient decline, I must analyze nursing data presented by field nurses to establish adequate and realistic goals for them to accomplish their outcomes.

4. Identify TWO resources to develop a strategic plan to enhance your competency skills.
   The two resources that will help me develop a strategic plan to enhance my competency skills is by using the Technology Informatics Guiding Education Reform (TIGER) Initiative and the current course NR 599 Nursing Informatics for Advanced Practice Nurse.
5. Which resources are suited to your needs and why?
   One of the resources suited for my needs is to master evidence-based practice research, which will allow me to combine best practice evidence and patient care to deliver the best healthcare outcome. Another resource that is suited for my needs is using the Quality and Safety Education in Nursing Model because it has six components that are essential in developing an excellent informatic approach and the need to improve healthcare continuously.
6. How do you intend to enact this improvement plan?
   I intend to enact this improvement plan by using all the resources established in my current course, NR 599, through the assigned readings and course work. I am also planning to investigate different resources outside the course work that are being used today for self-improvement.