DNAP 715: Informatics, Education, Curriculum, Instruction, Evaluation: Application and Practice

This course is designed to facilitate expertise in the application of fundamental educational concepts of curriculum, instruction, and evaluation. These fundamental concepts will facilitate the DNAP student to become familiar with the educational concepts of a didactic, simulation or clinical educator in the nurse anesthesia program as well as provide theory on methods to educate on topics related to nursing to both medical professionals and other populations using evidence-based techniques. The components of academia- teaching, scholarship, service, and faculty development, are explored and students are introduced to search engines and search strategies for scholarly works to guide the development of educational materials.

Further, this course introduces the field of informatics and describes its use in generating information whereby anesthesia practitioners conduct evidence-based nurse anesthesia investigation to inform practice. Topics include computers as electronic information-processing machines, information technology systems, and the Internet, use of artificial intelligence and computer security management. This course also includes the ethical, social and legal implications associated with all aspects of informatics. Students will be using information technology in completing their nurse anesthesia practice coursework and the completion of a scholarly project; therefore, this is a foundational course for completing both.

Credits: 4.00
Faculty: Jordan Billings, DNAP, CRNA, APRN
Learning Objectives: D14, D26, D33, D35, D40, D49, D50