Diagnostics and Procedures

**Course description:**

This course provides students with the knowledge and skill necessary for performance and interpretation of diagnostic testing and invasive procedures needed for the clinical management of patients.

**Credit hours:**

3 hours (3 didactic hours, 6 clinical hours)

**Course objectives:**

Upon completion of this course, the student is expected to:

1. Assemble concepts and principles of the arts, sciences, humanities, and nursing in order to make advanced practice nursing decisions regarding diagnostics and procedures.
2. Synthesize responsibility and accountability using consistent behavior patterns and professional communication.
3. Incorporate evidenced based practice into the use and interpretation of diagnostics and procedures.
4. Integrate moral, ethical, economic, and legal issues into the provision of nursing care to clients, families, and the global community.
5. Collaborate with the interdisciplinary healthcare team respecting holistic, socio-economic, spiritual, and ethno-culturally diverse characteristics of clients.
6. Develop proper differential diagnoses and plans of care based on the interpretation of diagnostic data for diverse populations across the lifespan.
7. Employ critical thinking for decisions regarding minor surgical procedures.
8. Apply appropriate diagnostics based on patient assessment data.

**Topic:**

Diagnostic/clinical radiology. 10 hrs

Interpretation of system specific diagnostics 10 hrs

Splinting and casting 6 hrs

Minor surgical procedures 6 hrs

Laboratory testing 10 hrs

**Textbooks:**

Mayeaux, E. (2009). The essential guide to primary care procedures. Philadelphia, PA: Wolters Kluwer/Lippincott Williams & Wilkins.

Wallach, J. (2007). Interpretation of diagnostic tests (8th ed.). Philadelphia, PA: Wolters Kluwer/Lippincott Williams & Wilkins.

Dubin, D. (2000). Rapid interpretation of EKG’s (6th ed.). Tampa, FL: Cover Publishing Company.