

**I. COURSE INFORMATION**

- A. Allied Health NHA 261 Advanced Pharmacy Operations
- B. 3 credit hours
- C. Ballington, Don A. and Robert J. Anderson. *Pharmacy Practice for Technicians*. 6<sup>th</sup> ed. Colorado: EMC/Paradigm, 2016  
Sparks, Jason and Lisa McCartney. *Pharmacy Labs for Technicians*. 3<sup>rd</sup> ed. Colorado: EMC/Paradigm, 2016
- D. Prerequisites: NHA 260 Pharmacy Operations

**II. COURSE DESCRIPTION**

This course demonstrates and simulates daily activities in pharmaceutical practice settings. Topics include: intravenous therapy and sterile technique, total parenteral nutrition (TPN), and weights and measurements. Students discuss compounding facilities and equipment, standard packaging forms, interpreting compounding orders, and formulations records. Students gain exposure to non-sterile and aseptic compounding techniques.

**III. LEARNING OUTCOMES**

- A. Demonstrate an understanding of the pharmaceutical industry and the principles of pharmacy practice
- B. Describe the fundamental principles and practices of non-sterile compounding
- C. Describe the fundamental principles and practices of aseptic compounding
- D. Demonstrate professionalism in the pharmacy environment

**IV. MAJOR CONTENT AREAS**

- A. Institutional pharmacy
- B. Professionalism in the pharmacy

**V. ASSIGNMENTS** (may include but are not limited to)

- A. Reading assignments
- B. Writing assignments
- C. Interaction assignments
- D. Simulations

**VI. EVALUATION METHODS** (may include but are not limited to)

- A. Tests and quizzes
- B. Labs
- C. Discussion