**High Plains Technology Center**

**Health Careers**

**Learning Activity Packet (LAP) for Advanced Pharmacy Technician**

**Related unit of instruction:**

Hospital and Long Term Care Pharmacy Operations

**Approximate Completion time:**

15 hours

**Rationale for the Lap:**

This LAP is designed to prepare the student to function in a hospital pharmacy setting. The student will practice purchasing, inventory and quality assurance skills in the lab, hospital or long term care environment.

**Criteria for successful completion:**

By the end of this LAP the student will

1. Read and turn in work sheets for Chapters 9 and 12 in Ballington & Anderson’s *Pharmacy Practice for Technicians*
2. Pass the test for the chapter
3. Complete Labs 14-19 in Sparks & McCartney’s *Pharmacy Labs for Technicians*

**Learning Objective:**

*Hospital Pharmacy Practice Chapter 9*

1. Describe the classifications and functions of a hospital and the role of the director of pharmacy.
2. Identify services that are unique to a hospital pharmacy in contrast to a community pharmacy.
3. Contrast a medication order with a unit dose profile.
4. Identify the advantages of a unit dose drug distribution system.
5. Explain the proper procedure for repackaging of medications.
6. Identify the process of medication dispensing and filling in a hospital pharmacy.
7. Discuss the advantages of an automated floor stock system for medication, including narcotics.
8. Describe specialty services, such as intravenous admixtures and total parenteral nutrition.
9. Describe a medication administration record.
10. Identify the roles of major hospital committees.
11. Describe the role of the institutional review board (IRB) in approving investigational drug studies.
12. Explain the major role and standards of the Joint Commission.
13. Discuss the role of automation and inventory control in the hospital.

*Medication Safety Chapter 12*

1. Understand the extent of medical and medication errors and their effects on patient health and safety.
2. Identify specific categories of medication errors.
3. List examples of medication errors commonly seen in pharmacy practice settings.
4. Apply a systematic evaluation to search for medication error potential to a pharmacy practice model.
5. Define strategies, including use of automation, for preventing medication errors.
6. Identify the common systems available for reporting medication errors.

*Filling a Twenty-Four Hour Medication Cart Lab 14*

1. Demonstrate proficiency in accurately performing a 24 hour cart fill.
2. Become familiar with the location, label information, class, general use, sigs, and abbreviations related to medications commonly used in a 24 hour cart fill.
3. Discuss the procedures for, and the importance of, each step in the 24 hour cart fill process.

*Filling and Checking Floor Stock Lab 15*

1. Demonstrate skill and accuracy in filling and checking floor stock.
2. Determine and discuss the rationale and procedures for filling and checking floor stock.

*Filling and Recording Narcotic Floor Stock Lab 16*

1. Demonstrate proficiency in the counting and preparation of narcotic floor stock based on a narcotic floor stock refill form.
2. Demonstrate accuracy in record keeping related to the filling of narcotic floor stock.
3. Discuss the procedures and rationale for filling narcotic floor stock and for related record keeping and narcotic procedures.

*Preparing Oral Syringes Lab 17*

1. Demonstrate competence in the preparation of oral syringes.
2. Demonstrate accuracy in basic math calculations related to the preparation of oral syringes.
3. Discuss the procedures and rationale for preparing oral syringes.

*Charging and Refilling a Crash Cart Lab 18*

1. Identify and discuss the rationale for the preparation and use of a crash cart.
2. Demonstrate proficiency in initiating patient charges for crash cart medications.
3. Demonstrate skill and accuracy in filling a crash cart.

*Filling an Automated Drug Storage and Dispensing System Lab 19*

1. Demonstrate skill and accuracy in the process of filling an automated drug storage and dispensing system.
2. Determine and discuss the rationale and procedures for using an automated drug storage and dispensing system for pharmacy products.