Sinclair Community College
444 E. Third St.
Dayton, OH 45402

Master Syllabus

ALH 1122 - Pharmacy Technician I

Division: Health Sciences

Department: Allied Health

Credit Hour Total: 5.0 **Lecture Hrs:** 5.0

Prerequisite(s): DEV 0025

Date Revised: April 2015

Course Description:

This course is the first of two core courses in the Pharmacy Technician Program and will help prepare students for the Pharmacy Technician Certification Board Exam. Course content includes the duties and responsibilities of the pharmacy technician, as well as the mathematical components and the pharmacology foundation necessary to become a successful pharmacy technician. Scope of pharmacy practice including handling of infectious and hazardous waste, interpersonal skills and beginning pharmacology and dose calculations.

General Education Outcomes:

- Written Communication
- Critical Thinking/Problem Solving
- Oral Communication
- Values/Citizenship/Community

Course Outcomes:

Pharmacy Computer Systems
Explain the different computer systems used in pharmacy practice.

Assessment Method: Locally developed exams
Performance Criteria: 70% or better

Interpreting Medication Orders
Interpret medication orders and prescriptions, including the explanation of the factors that cause medication errors in regards to pharmacy practice.

Assessment Method: Locally developed exams
Performance Criteria: 70% or better

Effective Communicaton Skills
Demonstrate the use of effective communications skills in pharmacy practice.

Assessment Method: Performance appraisals
Performance Criteria: 70% or better

Types of Drug Distribution
Describe the major types of drug distribution within healthcare facilities, including advantages and disadvantages of unit dose distribution.

Assessment Method: Locally developed exams
Performance Criteria: 70% or better

Medical Terminology
Utilize medical terminology as it pertains to pharmacy practice.

Assessment Method: Locally developed exams
Performance Criteria: 70% or better

Drug Formulations and Conversions
Compute drug formulations and dose conversion.

Assessment Method: Simulations
Performance Criteria: 70% or better

Handling Infectious and Hazardous Materials
Explain the proper manner in which to handle infectious and hazardous materials in the pharmacy.

Assessment Method: Locally developed exams
Performance Criteria: 70% or better

Pharmacy Locations
State the principle sites at which pharmacies are located, including the general functions of pharmacists and technicians.

Assessment Method: Locally developed exams
Performance Criteria: 70% or better

Legal Aspects of Drug Dispensing
Explain legal aspects of drug dispensing, including those pertaining to drugs categorized in each of the DEA drug schedules.

Assessment Method: Locally developed exams
Performance Criteria: 70% or better

Pharmaceutical Calculations

Utilize ratio and proportion in pharmaceutical calculations.

Assessment Method: Locally developed exams
Performance Criteria: 70% or better

Drug Classification, Indications and Side Effects
Describe drug classification, indications and side effects of given drugs.

Assessment Method: Locally developed exams
Performance Criteria: 70% or better

Outline:

Types of drug distributionMedical terminologyDrug formulations and conversionPharmacy computer systemsInterpreting medication ordersEffective communication skillsHandling infectious and hazardous materialsPharmacy locationsLegal aspects of drug dispensingPharmaceutical calculationsDrug classifications, indications and side affects