

## Master Syllabus

### ALH 1122 - Pharmacy Technician I

**Division:** Health Sciences

**Department:** Allied Health

**Credit Hour Total:** 5.0

**Lecture Hrs:** 5.0

**Prerequisite(s):** MAT 0100OR MAT 1110OR MAT 1130OR MAT 1445

**Date Revised:** September 2016

---

#### 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 Competency
- ▣ Critical Thinking/Problem Solving Competency
- ▣ Oral Communication Competency
- ▣ Values/Citizenship/Community Competency

#### 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 Communication 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 distribution  
Medical terminology  
Drug formulations and conversion  
Pharmacy computer systems  
Interpreting medication orders  
Effective communication skills  
Handling infectious and hazardous materials  
Pharmacy locations  
Legal aspects of drug dispensing  
Pharmaceutical calculations  
Drug classifications, indications and side effects