PHAR 270 - Pharmacy Services

Description
Students will encounter complex patient scenarios and apply problem-solving and decision-making skills to determine which pharmacy services to provide. They will practise compounding and preparing compliance packaging. Students will also investigate inventory management and safety practices in a health-care setting.

3 Credits

Time Guidelines
The standard instructional time for this course is 45 hours.

Corequisites

- PHAR 272

Required Student Materials and Technology
The School of Health & Public Safety (Last Published). *PHAR 270 Course Modules* (Current ed.). SAIT.

- Pharmacy Assistant (Program) Lab Kit: Basic Kit

Course Assessment

Final Exam(s)	20%
Assignments	40%
Skills Assessments	40%
Total:	100%

Other Course Information
The School of Health and Public Safety (HPS) expects that students familiarize themselves with policies, procedures, and guidelines that are applicable to SAIT, HPS, and their program of study. All students should explore institutional, school, and program-specific information on sait.ca in order to ensure they are informed with regards to relevant policies, procedures, and guidelines.

School of Health and Public Safety Attendance Guideline:

The School of Health and Public Safety (HPS) has expectations, consequences, and processes for excused and unexcused absences. The entire Attendance Guideline may be found on the HPS program orientation requirements resources website. This document is located under the General Resources section found on your Program page. **Students are expected to review the entire Attendance Guideline.** Students should also take note of the attendance expectations shown below.

Attendance Expectations:

Students in the School of Health and Public Safety are expected to achieve 100% attendance for scheduled classes, and to participate in all learning activities. There is a positive correlation between attendance, participation, and grades. Attendance is required to achieve the necessary knowledge, skills, and abilities while attending both SAIT and workplace-integrated learning experiences, in order to become a successful, well-rounded, and job-ready Allied Health graduate. Failure to keep up with course work and/or repetitive and cumulative absences will result in a formal review of a student's progress.

Course Learning Outcomes

1. Apply inventory practices.

    Objectives:

        1.1 Identify inventory requirements.

        1.2 Describe types of inventory systems.

        1.3 Demonstrate the process for generating a drug order.

        1.4 Discuss maximum and minimum order points.

        1.5 Describe a cold chain.

        1.6 Demonstrate the process for generating an owe label.

2. Demonstrate the assembly of compliance packaging for patient distribution.

    Objectives:

        2.1 Describe the benefits of compliance packaging.

        2.2 Describe individual compliance packaging types.

        2.3 Describe compliance packaging machines.

        2.4 Demonstrate data entry for compliance packaging.

        2.5 Demonstrate the process for filling a compliance package.

        2.6 Identify institutional distribution systems.

3. Demonstrate compounding skills.

    Objectives:

        3.1 Identify compounding equipment.

        3.2 List the steps for using a balance to weigh a product.

        3.3 Apply regulations to reduce the introduction of contaminants to compounds.

        3.4 Use required tools to weigh and measure ingredients.

        3.5 Use required compounding techniques.

        3.6 Apply standards of practice for packaging compounds.

        3.7 Identify the components of the compound database.

        3.8 Demonstrate compound prescription entry on a pharmacy computer system.

4. Apply national, provincial, and local guidelines to prevent the transmission of microorganisms in health-care settings.

Objectives:

4.1 Describe the purpose of routine practice.

4.2 Apply guidelines and procedures for hand washing and personal protective equipment (PPE).

4.3 Apply procedures for handling, cleaning up and disposing of biohazardous waste.

4.4 Apply the required protocol for significant exposure to blood and other body fluids.

4.5 Describe the purpose of additional precautions.

5. Compare sterilization, disinfection and aseptic techniques.

Objectives:

5.1 Explain how sterilization, disinfection, antisepsis, sanitation and cleaning are achieved.

5.2 Apply Spaulding's Classification System.

5.3 Distinguish between the least and most resistant microorganisms.

5.4 Describe the three levels of infection.

5.5 Describe modes of chemical and mechanical disinfection.

5.6 Describe aseptic techniques in health-care settings.

6. Explain the WHMIS symbols.

Objectives:

6.1 Identify physical, health and environmental hazards in different work settings.

6.2 Explain how hazardous products are classified.

6.3 Identify symbols for hazardous products in the workplace.

7. Identify patient eligibility requirements for pharmacy services.

Objectives:

7.1 Recall the requirements for a Comprehensive Annual Care Plan (CACP).

7.2 Recall the requirements for a Standard Medication Management Assessment (SMMA).

7.3 Describe types of Standard Medication Management Assessment (SMMA).

7.4 Identify types of pharmacy services.

7.5 Demonstrate how to complete a refill request and tax receipt.

SAIT Policies and Procedures:
For information on the SAIT Grading Scale, please visit policy AC 3.1.1 Grading Progression Procedure, found on the SAIT Academic Policies and Procedures page: https://www.sait.ca/about-sait/administration/policies-and-procedures

For information on SAIT Academic Policies, please visit: www.sait.ca/about-sait/administration/policies-and-procedures/academic-student