

	<p style="text-align: center;"><b>School of Health &amp; Human Services</b></p> <p style="text-align: center;"><b>Continuing Care Department</b> Practical Nursing Program</p> <p style="text-align: center;">Fall 2018</p> <p style="text-align: center;"><b>PNUR 119 Pharmacology 1 (30 hours)</b></p>
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## COURSE OUTLINE

Please note: This outline will not be kept indefinitely. It is recommended students keep this outline for their records, especially to assist in transfer credit to post-secondary institutions.

### Course Description:

This introductory course examines the principles of pharmacology required to administer medications in a safe and professional manner. Medication administration requires the application of the nursing process for clinical decision-making. The routes of medication administration introduced include medications used to treat constipation, eye and ear disorders and the integumentary system. Complementary, Indigenous and alternative remedies, and polypharmacy across the lifespan are explored.

**Pre-requisites:** Admission to the Practical Nursing Program

**Co-requisites:** Professional Practice 1; Health Promotion 1; Professional Communication 1; Variations in Health 1; Integrated Nursing Practice 1

### Instructor Information:

<b>Instructor:</b>	Mercedes Schmidt
<b>Office Hours:</b>	By Appointment
<b>Location:</b>	WT210
<b>Phone:</b>	(250) 370-3112
<b>Email:</b>	SchmidtM@camosun.ca

### Intended Learning Outcomes:

Upon successful completion of this course, the learner will:

1. Describe the responsibility of the LPN in administration of medication.

2. Explain how drug standards and the drug legislation affect drug regulation in Canada.
3. Explain the purpose of the Canadian Drug Acts and their application to nursing practice.
4. Describe the concepts of pharmacodynamics and pharmacokinetics.
5. Identify basic terminology used in pharmacology.
6. Describe the principles of pharmacology as related to common drug actions and interactions.
7. Demonstrate competency with basic mathematical drug calculations.
8. Identify commonly used drug classification systems in Canada.
9. Explain the principles of medication administration.
10. Describe the routes of medication administration.
11. Apply the nursing process as it relates to medication administration.
12. Identify various classes of medications used to treat specific disorders/illness.
13. Identify complementary, Indigenous, and alternative therapies.

**Required Materials:**

- **Pharmacology for Nurses: A Pathophysiological Approach**, Second Canadian Edition (2018) by Adams, Urban et al. Pearson: Prentice Hall
- **Davis's Canadian Drug Guide for Nurses**, 16<sup>th</sup> Edition (2019). F. A. Davis
- Additional course readings may be provided by the instructor at the onset of the course.

**Course Content and Schedule:**

*Please see Semester Calendar for specific date*

Class 1 – Introduction to Pharmacology

Class 2 - Math calculations

Class 3 - Principles of Pharmacology

Class 4 - Exam #1

Class 5 – Principles of Medication Administration

Class 6 – Drug Classifications

Class 7 - Safe Medication Practices

Class 8 – Exam #2

Class 9 - Nursing Process & Medication

Class 10 - Complementary, Indigenous & Alternative Remedies

Class 11 – Course Content Review

Class 12 – Final Exam

**Evaluation Criteria:**

*Note: learners must achieve an 80% average overall on the theory portion of pharmacology to pass the course*

Criterion	% Grading
Exam #1	25%
Exam #2	25%
Final Exam	30%
Math Calculation Exam	Competent/Not competent
Medication Cards	10%
Medication Adherence Project & Self Reflection	10%

## GRADING SYSTEM

*Additional information regarding grading policies at Camosun College can be found at <http://www.camosun.bc.ca/policies/policies.php>*

### Standard Grading System (GPA)

Percentage	Grade	Description	Grade Point Equivalency
90-100	A+		9
85-89	A		8
80-84	A-		7
77-79	B+		6
73-76	B		5
70-72	B-		4
65-69	C+		3
60-64	C		2
50-59	D		1
0-49	F	Minimum level has not been achieved.	0

## LEARNING SUPPORT AND SERVICES FOR STUDENTS

There are a variety of services available for students to assist them throughout their learning. This information is available in the College Calendar, Student Services or the College web site at

<http://www.camosun.bc.ca>

## STUDENT CONDUCT POLICY

There is a Student Conduct Policy. It is the student's responsibility to become familiar with the content of this policy. The policy is available in each School Administration Office, Registration, and on the College web site in the Policy section at <http://camosun.ca/about/policies/education-academic/e-2-student-services-and-support/e-2.5.pdf>

## TEST AND EXAMINATION PROCEDURES

There are policies regarding written test and examination procedures including late arrivals and missed tests.

Please see the Health and Human Services Student Manual for Test and Examination Procedures at

<http://camosun.ca/learn/school/health-human-services/documents/HHS-Student-Handbook.pdf>

## WRITTEN ASSIGNMENTS

Assignments are due before 2400 hours (midnight) on the assigned day unless otherwise specified. Assignments about patients, residents or clients must be completed using the individual's initials only. Unless otherwise directed by individual course outlines, assignments must be: word processed, double spaced, 12 font, Times New Roman font, with a title page and a reference list.

Students requiring an extension for the due date of an assignment must negotiate with the instructor, at least 48 hours before the due date. Assignments submitted late without an approved extension will result in a 5% deduction in mark for each day late.