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|  | <p>School of Health & Human Services</p> <p>Continuing Care Department Practical Nursing Program</p> <p>Winter 2017</p> <p>PNUR 129 Pharmacology 2</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 course will increase the learners understanding of pharmacology and medication administration across the lifespan. Medications used to treat diseases related to specific body systems is the main focus of the course. Also included are the topics of substance abuse and addiction.

PRE-REQUISITES: Successful completion of Level 1 courses and Level 1 Consolidated Practice Experience.

CO-REQUISITES: Professional Practice 2; Professional Communications 2; Integrated Nursing Practice 2; Variations in Health 2; Health Promotion 2.

INSTRUCTOR INFORMATION:

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|-----------------------|---------------------|
| Instructor(s): | Mercedes Schmidt |
| Office Hours: | By Appointment |
| Location: | WT 210 |
| Email: | SchmidtM@camosun.ca |

LEARNING OUTCOMES

Upon completion of the course, the learner will be able to:

1. Describe medication classifications, actions, interactions and nursing implications relative to body systems including: endocrine, neurological, cardiovascular, respiratory, gastrointestinal, genitourinary, musculoskeletal systems, and miscellaneous drug classification.
2. Relate drug interactions, polypharmacy, and food/drug effects to medication used by clients across the lifespan, particularly the older adult.
3. Describe the effects, uses, and indications for antimicrobials, as well as the relationship with drug resistance.
4. Relate theoretical understanding of narcotic side effects, indications for use, and legal responsibilities.
5. Describe the potential interaction of complementary, Indigenous and herbal preparations with prescription medications.
6. Demonstrate competency with mathematical drug calculations.

REQUIRED RESOURCES

- **Pharmacology for Nurses: A Pathophysiological Approach**, Canadian Edition (2010) by Adams, Holland et al. Pearson: Prentice Hall
- **Davis's Canadian Drug Guide for Nurses**, 15th Edition (2017). F. A. Davis
- **Gerontological Nursing**. 8th Edition (2014) by Eliopoulos. Lippincott Williams & Wilkins
- **Canadian Fundamentals of Nursing**, 5th Edition (2014) by Potter & Perry. Elsevier Canada
- **Medical-Surgical Nursing in Canada**, 3rd Canadian Edition (2014) by Barry, Goldsworthy & Goodridge. Elsevier Canada

COURSE CONTENT AND SCHEDULE:

| <u>CLASS #</u> | <u>TOPIC</u> |
|----------------|--|
| 1 | Medications in the Older Adult: Pain Medications |
| 2 | Muskuloskeletal System |
| 3 | Nervous System |
| 4 | Endocrine System |
| 5 | Exam #1 |

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| 6 | Cardiovascular System |
| 7 | Respiratory System |
| 8 | Gastrointestinal System |
| 9 | Exam # 2 |
| 10 | Gentitourinary System |
| 11 | Substances of Addiction and Pain Medications |
| 12 | Anti-infectives & ARO's |
| 13 | Review |
| 14 | Final comprehensive exam |

EVALUATION CRITERIA

Math Exam -- based on drug dosage calculations, achieve a 100% pass, given 3 attempts to achieve 100% (different exam each attempt). (*Learning outcome #6*)

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|------------------|-----|
| Theory Exam #1 | 25% |
| Theory Exam #2 | 30% |
| Final Exam | 35% |
| Medication Cards | 10% |

Note: learners must achieve an 80% average overall on the theory portion of Pharmacology

Grading System

Additional information regarding grading policies at Camosun College can be found at the <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.

<http://camosun.ca/learn/calendar/current/procedures.html#academic>