

APPLIED ARTS DIVISION
Health, Education, and Human Services
Winter, 2017



COURSE OUTLINE

NURS 1102

PHARMACOLOGY

45 HOURS

3 CREDITS

PREPARED BY: Cathy Bradbury

DATE: 19 October, 2016

APPROVED BY: Andrew Richardson, Dean

DATE:

APPROVED BY ACADEMIC COUNCIL: (DATE)

RENEWED BY ACADEMIC COUNCIL: (DATE)

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PHARMACOLOGY

INSTRUCTOR: Claire Hills and pharmacists	OFFICE HOURS: by appointment
OFFICE LOCATION: C1315	CLASSROOM:
E-MAIL: chills@yukoncollege.yk.ca	TIME: Thursdays 1300-1600 & Tuesdays 09-12 Jan 10, 24; Feb 7, 21
TELEPHONE: 867-668-8845 (HEHS office)	DATES: January 5-March 16, 2017

COURSE DESCRIPTION

The pharmacokinetics of medications, the rationale for their use and the expected results of therapy are discussed in this course, along with the development of critical thinking skills to assess the need for, and patient response to medication. Practical nurse competencies, scope of practice and legal responsibilities are also emphasized in this course.

PREREQUISITES

ANAT1101 Anatomy and Physiology; NURS1301 Mathematical Principles of Medication Administration

RELATED COURSE REQUIREMENTS

Enrolment in the practical nurse education program or permission of the program coordinator

EQUIVALENCY OR TRANSFERABILITY

See Bow Valley College transferability information: Click [here](#)

LEARNING OUTCOMES

Upon successful completion of the course, students will be able to:

- Use critical thinking to analyze, synthesize and evaluate knowledge of medications into safe nursing practice
- Complete health assessments related to medication administration and recognize the significance of data and deviations from baseline

- Apply the nursing process to the delivery of medications
- Integrate knowledge of medications to understand nursing implications including: correct dosages, anticipation and management of the therapeutic effects, observation/monitoring of adverse effects and patient teaching
- Follow agency policy, standards of practice and government regulations in the delivery of medications, occupational health and safety, and reporting and documenting

COURSE FORMAT

Including but not limited to: facilitator-led learning, peer-to-peer projects, in-class and home exercises, LMS activities

ASSESSMENTS

Outcome	Assessment Strategy	Weight
1, 2, 3, 4,5	Exam #1 - Evaluate comprehension of introductory pharmacology units	25%
1, 2, 3,4,5	Exam #2 - Evaluate comprehension of content following Exam #1	25%
1, 2, 3	Teaching Project Assignment - Build instructional media for clients	15%
1, 2, 3	Final Exam - Evaluate comprehension of entire course content	35%
Total		100%

Grading will be according to the Bow Valley College letter grade template. An overall minimum final mark for this course must be 64%, letter grade C, grade point value of 2.0 to pass this course.

Professional behaviour is expected. If students expect to miss a class, students will communicate with their instructor ahead of time.

REQUIRED TEXTBOOKS AND MATERIALS

Adams, Michael P., Holland, Leland, N., Bostwick, Paula M., King, Shirley L. (2015). *Pharmacology for nurses: a pathophysiological approach* (Canadian ed.). Pearson Education Canada. (or current edition)

Davis Drug Guide for Nurses 14th Edition, or any other current Drug Guide for Nurses (various publishers)

Additional Resources:

Institute for Safe Medication Practices

Retrieved from: <http://www.ismp-canada.org/index.htm>

ACADEMIC AND STUDENT CONDUCT

Information on academic standing and student rights and responsibilities can be found in the current Academic Regulations that are posted on the Student Services/ Admissions & Registration web page.

PLAGIARISM

Plagiarism is a serious academic offence. Plagiarism occurs when students present the words of someone else as their own. Plagiarism can be the deliberate use of a whole piece of another person's writing, but more frequently it occurs when students fail to acknowledge and document sources from which they have taken material. Whenever the words, research or ideas of others are directly quoted or paraphrased, they must be documented according to an accepted manuscript style (e.g., APA, CSE, MLA, etc.). Resubmitting a paper which has previously received credit is also considered plagiarism. Students who plagiarize material for assignments will receive a mark of zero (F) on the assignment and may fail the course. Plagiarism may also result in dismissal from a program of study or the College.

YUKON FIRST NATIONS CORE COMPETENCY

Yukon College recognizes that a greater understanding and awareness of Yukon First Nations history, culture and journey towards self-determination will help to build positive relationships among all Yukon citizens. As a result, to graduate from ANY Yukon College program, you will be required to achieve core competency in knowledge of Yukon First Nations. For details, please see www.yukoncollege.yk.ca/yfnccr.

ACADEMIC ACCOMMODATION

Reasonable accommodations are available for students requiring an academic accommodation to fully participate in this class. These accommodations are available for students with a documented disability, chronic condition or any other grounds specified in section 8.0 of the Yukon College Academic Regulations (available on the Yukon College website). It is the student's responsibility to seek these accommodations. If a student requires an academic accommodation, he/she should contact the Learning Assistance Centre (LAC) at (867) 668-8785 or lassist@yukoncollege.yk.ca.

TOPIC OUTLINE:

Regulations Pertaining to Medication Administration

Principles of Medication Action and Administration

Medication Classification and Research

Nursing Process and Patient Education

Autonomic Nervous System Medications

Cardiac Agents, Diuretics, Antihypertensive and Circulatory Medications

Respiratory Medications

Antipsychotics/Anxiolytics/
Antidepressants/Narcotic/Non-narcotic
Medications

Gastrointestinal Tract Medications

Endocrine Medications

Vitamins, Minerals and Electrolytes

Antibacterial Agents, Antiviral Medications

Antineoplastic Medications

Immunization Medications

Urinary and Reproductive System
Medications

Eye, Ear and Skin Medications
Medications for Neuromuscular Disorders