

SAULT COLLEGE OF APPLIED ARTS AND TECHNOLOGY

SAULT STE. MARIE, ON

CmiRSE QUILUIE

COURSE TITLE: PHARMACOLOGY

CODE NO.: NUR 116

SEMESTER: 2

PROGRAMME: NURSING & PRACTICAL NURSING

AUTHOR: JUDI MAUNDRELL AND BRENDA WARNOCK

DATE: JANUARY, 1996

PREVIOUS OUTLINE DATED: NEW

APPROVED:

DEAN

DATE 01/11/96

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PREREQUISITEfSI: ANATOMY &. PHYSIOLOGY I

It is recommended that the student have completed a post-secondary anatomy and physiology course to be successful.

I. PHILQSQPHY/GOALS:

This course will provide the student with the opportunity to explore the concepts of pharmacology. There will be special emphasis on the role of the nurse in the administration of medications. Interactions of drugs, psychosocial aspects of drug use, legal controls over drugs and pharmacotherapeutics will be presented in a variety of learning activities. Students will have an opportunity to practice administering medications in lab and practicum component.

II. LEARNING OUTCOMES:

In this course, many learning activities are designed to foster collaborative learning in small groups. In order for the learner to develop the ability to critically think, reflect and integrate new information, the learner must engage in active dialogue with colleagues and the teacher. It is therefore to the learner's benefit that the learner attend and participate in class.

Upon completion of this course, the student will have:

1. demonstrated an understanding of the general principles of pharmacology,
2. apply a wide variety of mathematical techniques with the degree of accuracy required to solve problems and make decisions.
3. utilized the overriding safety and legal aspects that apply to the administration of medications.
4. identified nursing responsibilities when administering medications.
5. planned and implemented health teaching related to administration of medications.
6. applied the general principles of medication administration to the gerontological population.
7. demonstrated an awareness of the nursing responsibilities in administering medications.
8. use a variety of computer hardware and software and other technological tools appropriate and necessary to the performance of tasks.

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III. TOPICS JQ BE CQYEBEQ:

The content will be covered under the following concepts:

Terminology
Drug calculation
Pharmacokinetics
Pharmacodynamics
Pharmacotherapeutics
Classifications
Legalities and Nursing Responsibilities
Health teaching
Overriding Safety
Aging Client
Cultural and psychosocial aspects

IV. LEARNING ACTIVITIES/RESOURCES:

Refer to the teacher/student resources and learning packages for learning activities/resources.

V. EVALUATION METHODS:

1. The pass mark for this course is 60%. The course mark is composed of term assignments, tests and a final examination.
2. Students with a mark below 60% will be eligible to rewrite or resubmit one test, exam or assignment. The highest mark that can be achieved on a rewrite is 60%. This rewrite will be negotiated between the student and the teacher. For further information related to examinations and supplemental examinations please refer to the *££Q£ljal Information and Practicum Experience Booklet, £Uil£iag Programs.*
3. Evaluation Methods:

Learning Preparation Submissions	30%
a) Submit #1-6 satisfactorily (10%)	
b) Submit #7-10 satisfactorily (20%)	
Drug Study Profile Assignment (Parts A & B)	40%
Final Exam (may include multiple choice, short answer questions and answers)	<u>30%</u> 100%

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VI. PRIOR LEARNING ASSESSMENT:

Students who wish to apply for advanced credit in the course should consult the instructor.

Vii. REQUIRED STUDENT RESOURCES:

Pharmacology StudfiOI Resources Package, 1995

MacDermott, Barbara &, Dealie, Judith, Understanding Bask Pharmacology: Practical Approaches for Effective Application, Login Brothers, Canada, 1994

Skidmore-Roth, L., Mosby's 1995 LUirsinS Drug Reference, C.V. Mosby Company, Toronto, 1994

VIII. ADDITIONAL RECOMMENDED RESOURCES:

Refer to the student/teacher resource and learning packages for additional recommended resources.

IX. SEECJAL NOTES:

Students with special needs (eg. physical limitations, visual impairments, hearing impairments, learning disabilities) are encouraged to discuss required accommodations confidentially with the instructor.

Your instructor reserves the right to modify the course as he/she deems necessary to meet the needs of students.

Sault College wishes to acknowledge the contribution Georgian College has made to this process.

X. Q£dmSt ANALYSIS SUEEX: