

I. COURSE DESCRIPTION:

This theory-based course will address various modes of nursing inquiry. Some of these modes include scientific, philosophical and historical modes. Relationships between practice, theory, and research will be explored. Past and present contributions to nursing knowledge will be discussed.

II. LEARNING OUTCOMES AND ELEMENTS OF THE PERFORMANCE:**Ends-In-View**

This course will provide an opportunity for learners to enhance their ability to make connections between nursing practice, theory, and research. Learners will acquire knowledge about a range of research techniques and methods associated with the positivist and natural paradigms. Learners will participate as research consumers through reading and reviewing nursing research studies and engaging in learning activities to develop skills for critically examining the research process and products.

Process

The aim of NURS 3416 is to facilitate and enhance praxis through increased knowledge of research processes. The learner will discover scientific inquiry and gain an understanding of quantitative and qualitative research approaches used in generating knowledge and evaluation nursing. The course content and learning activities will address the following concepts: ontology, epistemology, the research process; the dominant inquiry paradigms, literature reviews, specific research designs, sampling strategies, data collection and analysis processes, and descriptive and inferential statistics within the context of nursing praxis.

The learner will take the role of research consumer to develop skills aimed at reading and critically evaluating research studies. The expectation is that the understanding of research terminology and approaches and the development of research skills are achieved through active participation as a research consumer.

Active research consumerism is demonstrated by: attendance at all classes; preparation for class by completing assigned weekly readings; participation in class discussions and learning activities; and submission of all assignments on their due dates.

III. TOPICS:

1. Introduction to quantitative and qualitative research
2. Research designs; sources of data; sampling; introduction to descriptive statistics
3. Introduction to qualitative methods; introduction to qualitative analysis
4. Quality
5. Descriptive statistics
6. Inferential statistics

IV. REQUIRED RESOURCES/TEXTS/MATERIALS:**Required Resources**

All learners will be required to purchase the required text listed below. Weekly readings will be assigned from the textbook and journal articles. In addition, it is expected that learners will make use of the library and the internet to seek out relevant articles in the nursing and health care literature for in-class discussion and to complete assignments.

Required:

Loiselle, C.G., & Profetto-McGrath, J. (2011). *Canadian essentials of nursing research* (2nd ed.). Philadelphia: Lippincott Williams & Wilkin.

You must seek out other library resources such as journals, and internet sources available on sites such as CINHALL, Academic Search Premier and the Cochrane Library pertinent to course content.

V. EVALUATION PROCESS/GRADING SYSTEM:

A passing grade of 60% is required for all nursing courses. The grade for Nursing 3416 will be based on 3 methods of evaluation. These will be derived from a written assignment, two midterm test, and a final examination.

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| 1. | Class tests | 20% |
| | | 20% |

The one hour in-class tests will be a combination of multiple choice questions, short answer and/or calculation questions.

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| 2. | Critique of nursing research (limited critical nursing literature review: | 25% |
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The school policy on written assignments applies to this written assignment. APA (6th ed.) format is required. Students may lose up to 10% of the total possible mark for poor form and writing style. It is expected that students who have experienced difficulties with writing competency in past courses will seek writing assistance before submission of the formal paper. Please review your literature review APA notations from Fall 2011 to determine some recommended areas to be addressed.

One hard copy of the critique of nursing research must be submitted as well as one copy of every article used in the paper; the assignment and articles must be placed in an envelope or folder for submission.

A second copy of the critique of nursing research assignment must be submitted electronically to the course professor through LMS.

*If, for personal reasons you are not able to meet the deadlines, it is your responsibility to contact the course professors prior to the due date. If an extension is granted, you are required to document your situation and request in writing, and submit this request to the course professors within two days of the original request. **Extensions will not be granted on the day that the assignment is due. *Note: there will be a deduction of 10% per day associated with all extensions granted unless a medical certificate is submitted with the extension request.***

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| 3. | Final examination | 35% | Set by Registrar |
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In the final examination the students will be asked to apply their knowledge in the examination of two nursing research articles.

The following semester grades will be assigned to students:

<u>Grade</u>	<u>Definition</u>	<u>Grade Point Equivalent</u>
A+	90 – 100%	4.00
A	80 – 89%	
B	70 - 79%	3.00
C	60 - 69%	2.00
D	50 – 59%	1.00
F (Fail)	49% and below	0.00
CR (Credit)	Credit for diploma requirements has been awarded.	
S	Satisfactory achievement in field /clinical placement or non-graded subject area.	
U	Unsatisfactory achievement in field/clinical placement or non-graded subject area.	
X	A temporary grade limited to situations with extenuating circumstances giving a student additional time to complete the requirements for a course.	
NR	Grade not reported to Registrar's office.	
W	Student has withdrawn from the course without academic penalty.	

NOTE: Mid Term grades are provided in theory classes and clinical/field placement experiences. Students are notified that the midterm grade is an interim grade and is subject to change.

VI. SPECIAL NOTES:

Attendance:

Sault College is committed to student success. There is a direct correlation between academic performance and class attendance; therefore, for the benefit of all its constituents, all students are encouraged to attend all of their scheduled learning and evaluation sessions. This implies arriving on time and remaining for the duration of the scheduled session.

Punctual and regular attendance at the various academic exercises is required of all students. If there are extenuating circumstances bearing upon a student's absence, the instructor should be notified. Absences in excess of 20% may jeopardize receipt of credit for the course.

LMS

This course's Blackboard site, its features, and its contents are for the exclusive use of nursing students registered in this section of this course. The information contained herein is privileged and confidential. Any unauthorized use, dissemination, or copying is strictly prohibited.

VII. COURSE OUTLINE ADDENDUM:

The provisions contained in the addendum to be provided on LMS (entitled "Limited Critical Literature Review assignment outline") form part of this course outline.