



**GRANDE PRAIRIE REGIONAL COLLEGE
DEPARTMENT OF NURSING EDUCATION
AND HEALTH STUDIES**

COURSE OUTLINE

**OR 4005: Perioperative Nursing Theory Part A
(Pending UT Approval to the U of A)**

**Adapted from the GPRC Post RN Perioperative Certificate Program
(ORNAC Approved 2005)**

Fall 2008 - Online

Course Leader: TBA: Master's Degree, RN, CPN (c)

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Credit/Contact Hours:

3 (3-0-0) 45 (UT pending) 3 credits 45 hours over 14 weeks

Delivery Mode:

online(electronic conferencing via Elluminate)

Calendar Description:

This on-line course introduces the student to basic theoretical background in perioperative nursing. The knowledge, principles and practices of perioperative nursing are addressed as they relate to the competencies identified by the Operating Room Nurses Association of Canada.

Prerequisite/Corequisite:

Must currently be enrolled in a Baccalaureate Nursing Program and have completed a surgical nursing experience or; a practicing Registered Nurse or; permission from the Chair of Nursing Education and Health Studies.

Course Objectives

Module One: Objectives

- 1.0 Explain ORNAC's: conceptual model of operating room nursing practice; standards of professional and clinical practice; and the competencies expected of operating room nurses.
 - 1.1 Describe ORNAC's beliefs regarding national standards for Perioperative Registered Nursing Practice.
 - 1.2 Explain ORNAC's conceptual model for Perioperative Registered Nursing Practice.
 - 1.3 Explain the Scope of Perioperative Nursing Practice.
 - 1.4 Explain the eight ORNAC Professional Standards.
 - 1.5 Describe the six competencies for Perioperative Registered Nurses.
 - 1.6 Explain the purpose of the six competencies for Perioperative Registered Nurses.
 - 1.7 State the characteristics of each competency.
- 2.0 Demonstrate effective use of the nursing process

- 2.1 Demonstrate effective critical thinking and problem-solving skills utilizing knowledge from nursing, sciences, and the humanities.
- 2.2 Describe the nursing process as it relates to the roles of the perioperative nursing.
- 2.3 Create perioperative nursing care plans.

Module Two: Objectives

Upon completion of this module you will be able to:

- 3.0 Recognize basic perioperative nursing principles.
 - 3.1 Explain the physical layout of a surgical suite: zones/areas; climate control
 - 3.2 Explain *ASEPTIC TECHNIQUE* including principles, rationales, surgical conscience.
 - 3.3 Discuss ORNAC's recommended OR dress code.
 - 3.4 Demonstrate critical thinking skills necessary to respond to complications and unexpected events.
- 4.0 Describe the role of the perioperative scrub nurse.
 - 4.1 Preparing the operating room
 - 4.2 Identify basic instruments (proper use and rationale) and instrument classifications
 - 4.3 Describe the procedure and rationale for completing surgical counts.
 - 4.4 Explain the principles of hemostasis.
 - 4.5 Identify basic tissue closure devices (suture materials, needles, staplers).
 - 4.6 Surgical draping.
 - 4.7 Discuss patient advocacy related to the scrub role.

- 5.0 Describe the role of the perioperative circulating nurse.
 - 5.1 Preparing the operating room for the patient.
 - 5.2 Describe the procedure and rationale for completing surgical counts.
 - 5.3 Patient identification, assessment, consent, surgical site verification.
 - 5.4 Patient transfer into the operating room.
 - 5.5 Preparing for and assisting the anesthetist.
 - 5.6 Positioning the patient. (Including potential skin and nerve injuries)
 - 5.7 Performing a surgical skin prep. Distinguish the difference between "*skin paint*" and "*skin scrub*".
 - 5.8 Managing and labeling surgical specimens.
 - 5.9 Medication Management
 - 5.10 Describe wound classification categories and rationale.
 - 5.11 Discuss application of dressings and casts.
 - 5.12 Discuss necessary documentation.
 - 5.13 Discuss patient advocacy related to the circulating role.

- 6.0 Describe the role of the post anesthetic recovery room/unit (PARR/PARU)nurse.
 - 6.1 Describe the necessary information that must be included in the report between the operating room nurse and the PARR nurse.
 - 6.2 Initial patient assessment upon arrival to the post anesthetic recovery unit.
 - 6.3 Describe common complications that occur in the post anesthetic recovery unit.
 - 6.4 Discuss patient advocacy related to the PARU nurse role.

Resource Requirements:

Texts:

Operating Room Nurses Association of Canada. (2007). *ORNAC. Recommended standards, guidelines, and position statements for perioperative Registered Nursing practice*. Toronto: Author.

Phillips, N. (2007). *Berry and Kohn's operating room technique*. (11th ed.). St. Louis: Mosby.

Rothrock, J (2007). *Alexander's care of the patient in surgery*. (13th ed.). St. Louis: Mosby.

Tighe, S.M. (2007). *Instrumentation for the operating room a photographic manual*. (7th ed.). St. Louis: Mosby.

Or most current editions of these texts.

Computer Requirements:

Computer & Operating Systems

Operating System: Windows - 2000, ME, or XP
Macintosh - OS IX or X

Processor: Windows - Pentium III - 500 Mhz
Macintosh - G3, G4, or G5

RAM: 256 MB

Free Disk Space: 40 MB

Sound Card with Speakers & Microphone (External Microphone and Speakers will give better sound quality than the internal systems shipped with some computers)

Internet Connection

High Speed Internet Connection (LAN, DSL, ADSL, Cable) is Preferred

Dial Up Internet Connection - Minimum 28.8 Kbs - will work at a minimal level. Those with dial up connection will need to access video clips from the CD supplied with the

course package.

Installed Programs

You will need to have the following programs installed on your computer. All of these programs can be downloaded for free and safely from the Internet. In addition, the last two are included on the CD that shipped with your course package:

- Internet Explorer 6.0 or later. Internet Explorer can be downloaded for free from the Microsoft Download Center (<http://www.microsoft.com/downloads/search.aspx?displaylang=en>)
- Adobe Acrobat Reader - to allow you to access the printable version of various documents. Adobe Acrobat Reader can be downloaded for free from the Adobe Web Site (<http://www.adobe.com/products/acrobat/readstep2.html>)
- QuickTime Player - to play the video clips used in the course. QuickTime Player can be downloaded for free from the Apple Web site (<http://www.apple.com/quicktime/download/win.html>)
- Flash Player - to allow you to access various learning activities. The Flash Player can be downloaded for free from the Adobe Web Site (http://www.adobe.com/shockwave/download/download.cgi?P1_Prod_Version=ShockwaveFlash&promoid=BIOW)

Course Package – mailed out to all students – includes:

- General information
- Course outline
- Information for online access and use
- Blackboard and Elluminate instructions
- Required Readings not linked within the online environment
- 1 DVD – includes program downloads, electrosurgery, video clips

Additional Costs:

none

The Course in Perspective:

This course is the first in a series of five courses designed to prepare the registered nurse to have the knowledge, clinical accountability and responsibility to be a competent perioperative registered nurse at the beginning level.

Module #1: Practicing Professionally

Module #2: Providing Physical Patient care

Week One: Orientation to Electronic Learning System

Weeks Two to Four: Module One

Module One: Practicing Professionally

Perioperative Registered Nurses must practice professionally. It is imperative to know and understand the perioperative nursing scope of practice in order to practice competently and professionally. The Operating Room Nurses Association of Canada has published Recommended Standards, Guidelines, and Position Statements for Perioperative Registered Nursing Practice that includes a conceptual model for operating room nursing practice and lists the competencies expected of an OR nurse. (Calgary Operating Room Managers Group, 1999)

In this module you will become familiar with *ORNAC's Conceptual Model, Standards of Practice, and Competencies* as well you will review the basic *nursing process*.

Weeks Five – Fourteen

Module Two: Providing Physical Care

According to the competencies outlined by the Operating Room Nurses of Canada (ORNAC) perioperative Registered Nurses provide physical care to surgical patients through their application perioperative nursing principles. In this module, you will be introduced to the basic perioperative nursing principles and the roles of the scrub nurse, the circulating nurse, and the post anesthetic recovery room nurse.

Final Exam to be held during Final Exam Week

Course Evaluation:

	<u>Worth</u>
Interactive Learning Activities	10%
Premodule Quizzes – due prior to starting each module	5%
Module Quizzes - due at completion of each module	15%
Scholarly Paper	20%
Class Participation	10%
Final Exam – at completion of all modules	40%

Learning Activities are varied: some are Blackboard discussions with class mates, some are interactive activities (drop and drags; cross-words, matching, fill-in-the-blanks) and some are quizzes for which the answers will be provided when the activity is done. All are to be completed as the learner works through each section of each module. The activities are due prior to completing the module quiz. The learning activities are worth 10% of the total grade.

Premodule Quizzes: These quizzes are intended to focus the learner's attention to the objectives of the unit and are worth 5% of the total grade.

Module Quizzes: Module quizzes are available in the Blackboard course space under the Quizzes & Exams button. Learners may take the module quiz only once. It will be available from the start of each module until the due date and time. The module quizzes are to be completed at the end of each module. These quizzes are worth 15% of the total grade.

Scholarly Paper: This paper will focus on a relevant perioperative topic of the student's choice. (Topic to be approved by the instructor). It will be researched and referenced using APA style and should be 1200-1500 words in length.

Class Participation: Students are expected to attend and participate in the weekly classes via the Elluminate learning system.

Final Exam: Will consist of multiple choice, fill-in-the-blank, and short answer questions. It will be offered via the Blackboard learning system during the scheduled college exam week.

Grading:

Alpha Grade	4-point Equivalent	Percentage Guidelines	Designation
A+	4	90-100	EXCELLENT
A	4	85-89	
A-	3.7	80-84	FIRST CLASS STANDING
B+	3.0	76-79	
B	3	73-75	GOOD
B-	2.7	70-72	
C+	2.3	67-69	SATISFACTORY
C	2	64-66	
C-	1.7	60-63	
D+	1.3	55-59	MINIMAL PASS CANNOT USE FOR PREREQUISITE
D	1	50-54	
F	0	0-49	FAIL

Attendance Requirements:

All components of each module must be completed within the designated timelines. Extensions may be requested and will be approved on an individual basis. Students are expected to attend the weekly classes via the Elluminate learning system.

Program Policies:

Plagiarism

As per the GPRC calendar guidelines *Student Conduct* found at:

http://www.gprc.ab.ca/downloads/documents/001-048_geninfo.pdf

Dismissal

Student may be dismissed from OR 4005 at any time for failure to achieve the required academic standards or failure to demonstrate acceptable professional conduct. Students may also be dismissed as per the GPRC calendar guidelines *Student Conduct* found at:

http://www.gprc.ab.ca/downloads/documents/001-048_geninfo.pdf

Appeal

Students may appeal as per GPRC calendar guidelines.

http://www.gprc.ab.ca/downloads/documents/001-048_geninfo.pdf