



OCT 26 2004

Course Outline

A POLYTECHNIC INSTITUTION

School of Health Sciences

Program: Medical Radiography

Option:

**NURS 2180**  
**Patient Care 2****Start Date:** September, 2004**End Date:** December, 2004**Total Hours:** 35 **Total Weeks:** 8**Term/Level:** 2 **Course Credits:** 2.5**Hours/Week:** 5 **Lecture:** varies **Lab:** varies **Shop:** **Seminar:** **Other:****Prerequisites****Course No. Course Name**

NURS 1180 Patient Care 1

**NURS 2180 is a Prerequisite for:****Course No. Course Name**

MRAD 3309 Special Procedures

MRAD 3315 Case Studies 2

MRAD 3316 Radiographic Procedures 3

**v Course Description**

This second section of the two-part Patient Care course is a continuation of the material presented in NURS 1180 — Patient Care 1. The scheduling of content and classes is designed to complement the theory and skills required by the student in classes and practicum experiences offered through the Medical Radiography Department. This course is offered through the Bachelor of Technology Nursing Program.

**v Detailed Course Description**

The purpose of this course is to provide students with additional knowledge and skills required to provide patient care in the Radiology department. In-class assignments and supervised laboratory activities are designed to give students opportunities to apply their critical thinking and manual skills to a variety of patient care situations.

**v Evaluation**

Midterm Exam #1	25%
Midterm Exam #2	25%
Final Exam	50%
<b>TOTAL</b>	<b>100%</b>

**Comments:**

To successfully pass this course, the student must:

1. achieve a course mark of 60% or better.
2. successfully complete the Student Progress Sheet.
3. complete all assignments.

**v Course Learning Outcomes/Competencies**

Upon successful completion of this course the student will be able to:

1. Maintain safety and comfort for self, the patient, and colleagues when:
  - a. assessing temperature, pulse, respirations, blood pressure and oxygen saturation
  - b. initiating oxygen therapy
  - c. performing oral pharyngeal suctioning
  - d. maintaining intravenous infusions
  - e. entering the operating room
  - f. assisting patients with elimination needs
  - g. administering a cleansing enema
  - h. working with patients attached to a cardiac monitoring device.
2. Use surgical asepsis when performing the following procedures:
  - a. setting up a sterile field
  - b. applying a sterile dressing
  - c. carrying out a surgical scrub
  - d. donning a sterile gown and gloves.
3. Explain the required interventions when working with patients who are:
  - a. violent or who have the potential to be violent
  - b. scheduled for a procedure for which an anesthetic agent is required
  - c. recovering from a spinal injury
  - d. unconscious.
4. Describe the emotional climate in critical care areas and the skills required to be able to function in that environment.
5. Communicate significant data to other health care personnel.

**v Verification**

I verify that the content of this course outline is current.

Erin Fraser  
Authoring Instructor

July 13/04  
Date

I verify that this course outline has been reviewed.

Ann Downer  
Program Head/Chief Instructor

July 13/04  
Date

I verify that this course outline complies with BCIT policy.

Freeman  
Dean/Associate Dean

July 13/04  
Date

Note: Should changes be required to the content of this course outline, students will be given reasonable notice.

**v Instructor(s)**

Elaine Fraser	Office Location: SE12-435	Office Phone: 604-432-8468
	Office Hrs.: posted at desk	E-mail Address: Elaine_Fraser@bcit.ca

**v Learning Resources****Required:**

Selected required readings from the following texts:

Kozier, B., Erb, G., Berman, A., & Snyder, S. (2004). *Fundamentals of nursing: Concepts, process and practice* (7th ed.). Upper Saddle River, NJ: Pearson Education.

Kozier, B., Erb, G., Berman, A., Burke, K., Bouchal, D., & Hirst, S. (2000). *Fundamentals of nursing: The nature of nursing practice in Canada*. Toronto: Prentice-Hall.

Binders containing the required text readings are available on reserve in the library under the following:

Call number	<b>RES NURS 2180</b>
Title	NURS 2180 Patient Care Readings
Instructor	Elaine Fraser

One additional required reading on the topic of Spinal Injuries is also on reserve in the library under:

Call number	<b>B-29</b>
Title	Emergency Management and Transfer of the Individual with a Suspected or Confirmed Spinal Cord Injury
Instructor	Elaine Fraser

**v Information for Students**

**Assignments:** Assignments must be done on an individual basis unless otherwise specified by the instructor.

**Makeup Tests, Exams or Quizzes:** There will be **no** makeup tests, exams or quizzes. If you miss a test, exam or quiz, you will receive zero marks. Exceptions may be made for **documented** medical reasons or extenuating circumstances. In such a case, it is the responsibility of the student to inform the instructor **immediately**.

**Ethics:** BCIT assumes that all students attending the Institute will follow a high standard of ethics. Incidents of cheating or plagiarism may, therefore, result in a grade of zero for the assignment, quiz, test, exam, or project for all parties involved and/or expulsion from the course. Incidents of abuse of information technology may result in expulsion from the course.

**Attendance:** The attendance policy as outlined in the current BCIT Calendar will be enforced.

**v Information for Students (cont'd)**

**Illness:** A doctor's note is required for any illness causing you to miss assignments, quizzes, tests, projects, or exam. At the discretion of the instructor, you may complete the work missed or have the work prorated.

**Course Outline Changes:** The material or schedule specified in this course outline may be changed by the instructor. If changes are required, they will be announced in class.

**Note:**

This course utilizes handouts, lectures, group discussions, co-operative learning, demonstration and laboratory practice to cover the required course material. This course is designed to enable the student to understand, describe, and implement common and specific patient care skills in order to care effectively for patients in the Radiology department.

The student is expected to complete all assigned readings prior to the designated class time and is expected to come to class prepared to discuss and participate in a constructive manner.

Assignments are designed to assist the student to integrate patient care skills into the work and routines of the Radiology department.

**v Assignment Details**

All in-class assignments must be completed and submitted. If the student is absent when an assignment is due a remedial assignment will be made available for completion and submission.

### Schedule

<b>Week of/ Number</b>	<b>Outcome/Material Covered</b>
<b>A/B</b>	
Mon. Sept. 13	<ol style="list-style-type: none"> <li>1. Introduction to the course</li> <li>2. Re-evaluation of Level 1 content</li> <li>3. Respiratory Distress &amp; Oxygen Therapy</li> <li>4. Pharyngeal Suctioning</li> <li>5. Cardiac Monitoring Devices</li> </ol>
Wed. Sept. 15	<ol style="list-style-type: none"> <li>1. Respiratory Distress &amp; Oxygen Therapy (cont'd)</li> <li>2. Pharyngeal Suctioning (cont'd)</li> <li>3. Cardiac Monitoring Devices (cont'd)</li> <li>4. LAB: Use of Oxygen and Suction Equipment Removing and Re-attaching a Patient to a Cardiac Monitoring Device</li> </ol>
Fri. Sept. 17	<ol style="list-style-type: none"> <li>1. Temperature, Pulse, Respirations, and Pulse Oximetry</li> <li>2. Blood Pressure</li> </ol>
Mon. Sept. 27	<ol style="list-style-type: none"> <li>1. Temperature, Pulse, Respirations, and Pulse Oximetry (cont'd)</li> <li>2. Blood Pressure (cont'd)</li> <li>3. LAB: Assessment of T, P, R and BP Measuring Oxygen Saturation</li> </ol>
Wed. Sept. 29	<b>SHINERAMA — NO CLASS</b>
Fri. Oct. 1	<ol style="list-style-type: none"> <li>1. LAB: Assessment of T, P, R and BP (cont'd) Measuring Oxygen Saturation (cont'd)</li> </ol>
Mon. Oct. 18	<ol style="list-style-type: none"> <li>1. Meeting Elimination Needs</li> <li>2. Administering a Cleansing Enema</li> <li>3. LAB: Bedpans and Urinals Use of Attends, Benefits, Depends Enema Tip Insertion</li> </ol>
Wed. Oct. 20	<ol style="list-style-type: none"> <li>1. I.V. Therapy – Part 1</li> <li>2. LAB: Work with IV Equipment - IV Lab #1</li> </ol>

Week of/ Number	Outcome/Material Covered
Fri. Oct.22	<b>MID TERM EXAM #1</b>
Mon. Oct. 25	<ol style="list-style-type: none"> <li>1. I.V. Therapy – Part 2</li> <li>2. LAB: Work with IV Equipment - IV Lab #2</li> </ol>
Wed. Oct. 27	<ol style="list-style-type: none"> <li>1. Surgical Asepsis - Establishing and Maintaining a Sterile Field</li> <li>2. LAB: Establishing a Sterile Field Opening Sterile Packages Open Gloving</li> </ol>
Fri. Oct. 29	<ol style="list-style-type: none"> <li>1. Exam Review</li> <li>2. The Critically Ill Patient</li> </ol>
Mon. Nov. 8	<ol style="list-style-type: none"> <li>1. Application of a Sterile Dressing</li> <li>2. LAB: Remove and Apply a Sterile Dressing</li> </ol>
Wed. Nov. 10	<ol style="list-style-type: none"> <li>1. Entering the Operating Room</li> <li>2. Scrubbing, Gowning &amp; Gloving for the OR</li> <li>3. LAB: Surgical Scrub (simulated) Donning a Surgical Gown Closed Gloving Technique</li> </ol>
Fri. Nov. 12	<b>MIDTERM EXAM #2</b>
Mon. Nov. 22	<ol style="list-style-type: none"> <li>1. Exam Review</li> <li>2. Spinal Injuries</li> </ol>
Wed. Nov. 24	<ol style="list-style-type: none"> <li>1. Care of the Anesthetized Patient</li> <li>2. The Unconscious Patient</li> </ol>
Fri. Nov. 26	<ol style="list-style-type: none"> <li>1. Working with the Violent Individual</li> </ol>
Wed. Dec. 1 (All 4 sets) in 4076	<ol style="list-style-type: none"> <li>1. Course and Instructor Evaluations</li> <li>2. Make-up class if required</li> </ol>

<b>Week of/ Number</b>	<b>Outcome/Material Covered</b>
Dec. 6 - 10	<b>EXAM WEEK</b>



Week of/ Number	Outcome/Material Covered
C/D	
Mon. Sept. 6	<b>LABOUR DAY</b>
Wed. Sept. 8	<ol style="list-style-type: none"> <li>1. Introduction to the course</li> <li>2. Re-evaluation of Level 1 content</li> <li>3. Temperature, Pulse, Respirations, and Pulse Oximetry</li> <li>4. Blood Pressure</li> </ol>
Fri. Sept. 10	<ol style="list-style-type: none"> <li>1. Temperature, Pulse, Respirations, and Pulse Oximetry (cont'd)</li> <li>2. Blood Pressure (cont'd)</li> <li>3. LAB: Assessment of T, P, R and BP Measuring Oxygen Saturation</li> </ol>
Mon. Sept. 20	<ol style="list-style-type: none"> <li>1. LAB: Assessment of T, P, R and BP (cont'd) Measuring Oxygen Saturation (cont'd)</li> </ol>
Wed. Sept. 22	<ol style="list-style-type: none"> <li>1. Respiratory Distress &amp; Oxygen Therapy</li> <li>2. Pharyngeal Suctioning</li> <li>3. Cardiac Monitoring Devices</li> <li>4. LAB: Use of Oxygen and Suction Equipment Removing and Re-attaching a Patient to a Cardiac Monitoring Device</li> </ol>
Fri. Sept. 24	<ol style="list-style-type: none"> <li>1. LAB: Assessment of T, P, R and BP (cont'd) Measuring Oxygen Saturation (cont'd) Use of Oxygen and Suction Equipment (cont'd) Removing and Re-attaching a Patient to a Cardiac Monitoring Device (cont'd)</li> </ol>
Mon. Oct. 4	<ol style="list-style-type: none"> <li>1. Meeting Elimination Needs</li> <li>2. Administering a Cleansing Enema</li> <li>3. LAB: Bedpans and Urinals Use of Attends, Benefits, Depends Enema Tip Insertion</li> </ol>
Wed. Oct. 6	<ol style="list-style-type: none"> <li>1. I.V. Therapy – Part 1</li> <li>2. LAB: Work with IV Equipment - IV Lab #1</li> </ol>
Fri. Oct. 8	<b>MID TERM EXAM #1</b>

Week of/ Number	Outcome/Material Covered
Mon. Oct. 11	<b>THANKSGIVING DAY</b>
Wed. Oct. 13	<ol style="list-style-type: none"> <li>1. I.V. Therapy – Part 2</li> <li>2. LAB: Work with IV Equipment - IV Lab #2</li> </ol>
Fri. Oct. 15	<ol style="list-style-type: none"> <li>1. Exam Review</li> <li>2. The Critically Ill Patient</li> </ol>
Mon. Nov. 1	<ol style="list-style-type: none"> <li>1. Surgical Asepsis - Establishing and Maintaining a Sterile Field</li> <li>2. LAB: Establishing a Sterile Field Opening Sterile Packages Open Gloving</li> </ol>
Wed. Nov. 3	<ol style="list-style-type: none"> <li>1. Application of a Sterile Dressing</li> <li>2. LAB: Remove and Apply a Sterile Dressing</li> </ol>
Fri. Nov. 5	<b>MIDTERM EXAM #2</b>
Mon. Nov. 15	<ol style="list-style-type: none"> <li>1. Exam Review</li> <li>2. Spinal Injuries</li> </ol>
Wed. Nov. 17	<ol style="list-style-type: none"> <li>1. Entering the Operating Room</li> <li>2. Scrubbing, Gowning &amp; Gloving for the OR</li> <li>3. LAB: Surgical Scrub (simulated) Donning a Surgical Gown Closed Gloving Technique</li> </ol>
Fri. Nov. 19	<ol style="list-style-type: none"> <li>1. Working with the Violent Individual</li> </ol>
Mon. Nov. 29	<ol style="list-style-type: none"> <li>1. Care of the Anesthetized Patient</li> <li>2. The Unconscious Patient</li> </ol>
Wed. Dec. 1 (All 4 sets) in 4076	<ol style="list-style-type: none"> <li>1. Course and Instructor Evaluations</li> <li>2. Make-up class if required</li> </ol>
Dec. 6 – 10	<b>EXAM WEEK</b>

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### **Appendix: Radiological Technology Competency Profile**

The following competencies are addressed in NURS 2180: Patient Care 2

**A2 Prepare work environment for imaging procedures**

A2.1

A2.3

**A3 Perform pre-procedural tasks**

A3.1

A3.4

A3.6

A3.7

A3.8

A3.9

**A4 Perform patient positioning and related tasks**

A4.3

A4.7

A4.12

**A8 Complete post-procedural tasks**

A8.3

**C1 Ensure patient safety**

C1.2

C1.5

C1.6

**C2 Establish patient trust and confidence**

C2.3

C2.4

C2.5

**C3 Attend to the patient's comfort and needs**

C3.2

C3.3

C3.5

**C4 Perform patient care procedures**

C4.2

C4.3

C4.8

C4.9

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**C5 Assist in the administration of contrast media and other pharmaceuticals**

C5.6

C5.9

C5.10

C5.13

**E1 Function within legal and ethical guidelines**

E1.1

**E2 Demonstrate professional behaviour**

E2.3