



<b>Hours/Week:</b>	<b>2</b>	<b>Total Hours:</b>	<b>32</b>	<b>Term/Level:</b>	Level 1
<b>Lecture:</b>	<b>Varies</b>	<b>Total Weeks:</b>	<b>16</b>	<b>Credits:</b>	2
<b>Lab:</b>	<b>Varies</b>				

**Other:** This course is offered through the Nursing department.

**Prerequisites**      **None**

**Course Goals**

To provide the student with knowledge and skills required to provide patient care in the Radiology department.

**Course Description**

This two part Patient Care course introduces the student to the hospital environment, health problems of the patient, and the basic safety and comfort aspects to be considered when working with patients, carrying out a variety of procedures, and working with equipment in the patient's environment. The nursing lab is used to practice basic technical skills and procedures required when working with patients. Emphasis is placed upon behaviours and skills appropriate to the medical radiography technologist. This course is a required prerequisite for NURS 2180 Patient Care 2.

**Evaluation**

Midterm Exam	50%
Final Exam	50%

**Comments:**

To successfully pass this course the student must :

1. Achieve a mark of 60% or better.
2. Successfully complete the Student Progress Sheet.
3. Complete all in-class assignments.

<b>TOTAL</b>	<u>100%</u>
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## Course Outcomes and Sub-Outcomes

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

1. Explain the interrelationships between the medical radiography technologist and other members of the health care team.
2. Assess patients and collect relevant patient information prior to performing diagnostic procedures.
3. Explain the required interventions when working with:
  - a. patients experiencing pain, drowsiness, nausea, vomiting, vertigo and syncope.
  - b. patients who have a physical disability related to a cerebral vascular accident, arthritis, a hearing impairment, or impaired vision.
  - c. patients who are unconscious.
  - d. patients who have pressure sores.
  - e. a hospitalized patient who experiences a cardiac arrest.
  - f. a patient who is in shock; is hemorrhaging; and/or who experiences a myocardial infarction, a seizure, or a diabetic reaction.
4. Use Standard (Routine) Precautions (BSP, medical asepsis) appropriately.
5. Maintain safety and comfort for the patient, colleagues and self when:
  - a. using stretchers and wheelchairs
  - b. moving, positioning, lifting and transferring
  - c. assisting patients with elimination needs
  - d. assisting patients with dressing and undressing
  - e. working with patients who have tubes inserted and/or are attached to specialized equipment
6. Use surgical (sterile) asepsis when performing the following procedures:
  - a. drawing up solutions from ampules and vials
  - b. discontinuing an intravenous
  - c. setting up a sterile field
7. Describe the emotional climate in critical care areas and the skills required to be able to function in that environment.

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## Course Record

I verify that the content of this course outline is current, accurate and complies with BCIT policy.

Jain Verner  
Program Head/Chief Instructor/Coordinator

DECEMBER 18, 2001.  
Date

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

The course outline is a statement of educational intent and direction. It is not to be construed as a contract to deliver instruction or guarantee learning. BCIT reserves the right to amend this outline in cases when unforeseen circumstances may necessitate the alteration of course content, sequencing, timing or evaluation. In such cases students will be given as much notice as is possible.

The following BCIT policies apply to this course:

Policy #5013 Course Outline  
Policy #5250 Cheating and Plagiarism

Policy #5410 Evaluation of Students  
Policy #5201 Attendance



BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY

Course Outline Part B

School of Health Sciences

Program: Medical Radiography

**NURS 1180**  
**Patient Care I**

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**Effective Date**

January 2002

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**Instructor(s)**

Elaine Fraser

Office No.: **SE12 418**

Phone: **604-432-8468**

Office Hrs.: **Posted at desk**

E-mail: **Elaine\_Fraser @bcit.ca**

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**Text(s) and Equipment**

Required:

Selected required readings from the following texts:

Kozier, B., Erb, G., Blais, K., & Wilkinson, J. (1998). *Fundamentals of nursing, (updated 5<sup>th</sup> ed.)*. Menlo Park, CA: Addison Wesley Longman.

Potter, P., and Perry, A. (1997). *Canadian fundamentals of nursing*. St. Louis: Mosby.

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

Call number B - 364 (2 day loan)

Title Patient Care Readings (for readings from the Kozier text)

Instructor Elaine Fraser

Call number B - 1022 (2 day loan)

Title Additional Patient Care Readings (for readings from the Potter text)

Instructor Elaine Fraser

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### **Course Notes (Policies and Procedures)**

This course consists of lectures, modules, discussions, demonstrations and laboratory practice. It is designed to enable the student to understand, describe and implement specific patient care skills in order to care effectively for patients undergoing diagnostic tests in the Radiography department.

The student must complete all assigned readings and modules prior to the designated class time and is expected to come to class prepared to discuss and participate. Assignments are designed to assist the student to integrate patient care skills in the Radiography department. Students are expected to come to class prepared to discuss and practice the designated skill and to demonstrate their ability to perform the skill to an instructor.



Week of/Number	Outcome/Material Covered
	<p><b>NOTE: Modules contain all the required readings. For all other topics, refer to the objectives and packets for readings you must complete.</b></p>
<p><b>January 3 Th</b>  <b>4 F</b>  <b>8 Tu</b></p>	<ol style="list-style-type: none"> <li>1. Introduction to Course           <ul style="list-style-type: none"> <li>• Use of modules, outcomes and textbook</li> </ul> </li> <li>2. Orientation to use of Lab           <ul style="list-style-type: none"> <li>• Hospital bed unit</li> <li>• Use of wheelchairs and stretchers</li> <li>• Restraints and bed rails</li> <li>• Student's responsibilities in lab</li> <li>• Prevention of accidents in the lab</li> </ul> </li> <li>3. Receive handout on Moving Patients</li> </ol>
<p><b>January 10 Th</b>  <b>11 F</b>  <b>15 Tu</b></p>	<ol style="list-style-type: none"> <li>1. Body Mechanics</li> <li>2. Positioning and Moving Patients</li> <li>3. LAB: Positioning and Moving Patients</li> </ol>
<p><b>January 17 Th</b>  <b>18 F</b>  <b>22 Tu</b></p>	<ol style="list-style-type: none"> <li>1. LAB: Positioning and Moving Patients (continued)</li> <li>2. Transfers and Lifts</li> <li>3. LAB: Transfers and Lifts</li> </ol>
<p><b>January 24 Th</b>  <b>25 F</b>  <b>29 Tu</b></p>	<ol style="list-style-type: none"> <li>1. LAB: Transfers and Lifts (continued)</li> </ol>

Week of/Number	Outcome/Material Covered
January 31 Th February 1 F 5 Tu	<ol style="list-style-type: none"> <li>1. Medical Asepsis</li> <li>2. LAB: Handwashing</li> <li>3. The Health Care Team</li> </ol>
February 7 Th 8 F 12 Tu	<ol style="list-style-type: none"> <li>1. Surgical Asepsis</li> <li>2. LAB:             <ul style="list-style-type: none"> <li>• Sterile Procedures                 <ul style="list-style-type: none"> <li>• Open Gloving</li> <li>• Opening Sterile packages</li> <li>• Setting up sterile trays</li> </ul> </li> </ul> </li> <li>3. Practice Exam</li> </ol>
February 14 Th 15 F 19 Tu	<ol style="list-style-type: none"> <li>1. Parenteral Equipment</li> <li>2. LAB: Withdrawing Solutions from Vials and Ampules</li> <li>3. LAB: Discontinuing an IV</li> </ol>
February 21 Th 22 F 26 Tu	<p style="text-align: center;"><b>MIDTERM EXAM</b></p>
February 28 Th March    1 F 5 Tu	<ol style="list-style-type: none"> <li>1. Exam Review</li> <li>2. MODULE: Management of Tubes and Special Attachments</li> <li>3. LAB: Demonstration of Equipment</li> </ol>
March 7 Th 8 F 19 Tu	<ol style="list-style-type: none"> <li>1. MODULE: Cardiac Arrest in the Hospital – You are responsible for viewing the video “Cardiac Arrest: Code Call” (VC 4621) on your own. It is in the BCIT Library.</li> <li>2. MODULE: Medical Emergencies</li> <li>3. MODULE: The Unconscious Patient</li> </ol>

Week of/Number	Outcome/Material Covered
<b>March 11 - 15</b>	<b>SPRING BREAK</b>
<b>March 21 Th</b> <b>22 F</b> <b>26 Tu</b>	<ol style="list-style-type: none"> <li>1. Meeting Elimination Needs</li> <li>2. Dressing and Undressing Patients</li> <li>3. LAB:               <ul style="list-style-type: none"> <li>• Bedpans and Urinals</li> <li>• Use of Attends, Benefits, Depends</li> <li>• Dressing and Undressing Patients (with IVs and injuries)</li> </ul> </li> </ol>
<b>March 28 Th</b>  <b>April 11 Th <u>SET C</u></b> <b>0830 – 1030</b> <b>SE12 – 412</b>  <b>April 2 Tu</b>	<ol style="list-style-type: none"> <li>1. Pain and Abnormal Sensations</li> <li>2. MODULE: Patients with Physical Disabilities</li> <li>3. The Critically Ill Patient</li> </ol>
<b>March 29</b>	<b>GOOD FRIDAY</b>
<b>April 4 Th – no class for you on the 11<sup>th</sup></b>  <b>April 12 F</b>  <b>9 Tu</b>	<ol style="list-style-type: none"> <li>1. Assessment Skills</li> <li>2. MODULE: Working with Patients Who Have Pressure Sores</li> <li>3. Course Evaluation and Instructor Evaluation</li> <li>4. Completion of Progress Sheets</li> </ol>
<b>April 15 - 19</b>	<b>EXAM WEEK</b>