



BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY

Course Outline *Part A*

School of Health Sciences

Program: Prosthetics and Orthotics

**NURS 1183**  
**PATIENT CARE**

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<b>Hours/Week:</b>	<b>2</b>	<b>Total Hours:</b>	<b>30</b>	<b>Term/Level:</b>	<b>3</b>
<b>Lecture:</b>	<b>Varies</b>	<b>Total Weeks:</b>	<b>15</b>	<b>Credits:</b>	<b>2</b>
<b>Lab:</b>	<b>Varies</b>				
<b>Other:</b>					

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**Prerequisites**

**is a Prerequisite for:**

<b>Course No.</b>	<b>Course Name</b>	<b>Course No.</b>	<b>Course Name</b>
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**Course Goal(s)**

To provide the student with knowledge and skills required to provide patient care in the Prosthetics and Orthotics workplace.

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**Course Description**

Instructs students in the basic safety and comfort needs of the patients requiring their services. The course treats such topics as proper procedures for lifting and transferring patients, medical and surgical asepsis, and appropriate interventions in emergency situations.

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**Evaluation**

Midterm Exam	50%	<b>Comments:</b> To successfully pass this course, the student must:  1. Achieve a mark of 50%. 2. Successfully complete the Student Progress Sheet. 3. Complete all assignments.
Final Exam	50%	
<b>TOTAL</b>	<hr/> 100%	

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## Course Outcomes and Sub-Outcomes

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

1. Make appropriate growth and development related assessments in the following situations:
  - a. providing for patient comfort
  - b. positioning, moving, and transferring patients
  - c. dressing and undressing patients
  - d. applying a simple dressing
  - e. handling medical emergencies
  - f. working with patients experiencing vertigo, syncope, or nausea and vomiting.
2. Identify factors which promote comfort and rest.
3. Promote fire safety and accident prevention.
4. Describe the relationship between interference with needs and health problems.
5. With supervision, perform the following selected psychomotor skills in a manner which ensures safety and promotes comfort:
  - a. body mechanics
  - b. moving, positioning, and transferring
  - c. medical and surgical asepsis
  - d. applying a simple dressing
  - e. handling wheelchairs and stretchers
  - f. dressing and undressing patients
  - g. isolation precautions
  - h. working with tubes, drains, and attachments
  - i. hygiene and skin care of limbs and/or the prosthetic/orthotic device
  - j. entering the operating room
6. Assess patients and identify the required interventions for the following emergency situations:
  - a. shock
  - b. hemorrhage
  - c. myocardial infarction
  - d. seizures
  - e. diabetic reactions
7. Describe the needs of patients with physical disabilities.
8. Work safely with patients who have pressure sores.
9. Describe the contributions technologists/clinicians make as members of the health care team.

## Course Record

Developed by:

M. L. Lasher NURSING  
Instructor Name and Department (signature)

Date:

Aug/97

Revised by:

\_\_\_\_\_  
Instructor Name and Department (signature)

Date:

\_\_\_\_\_

Approved by:

m. Bennett Ralston  
Associate Dean / Program Head (signature)

Start Date:

Sep 8 / 97



BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY

Course Outline **Part B**

School of Health Sciences

Program: Prosthetics and Orthotics

**NURS 1183**  
**PATIENT CARE**

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### Effective Date

September 1997

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### Instructor

**Elaine Fraser**

Office No.: **SE12 418**  
Office Hrs.: **Posted at desk.**

Phone: **432-8468**  
E-mail: **efraser@bcit.bc.ca**

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### Text(s) and Equipment

#### Required Text:

Kozier, B., Erb, G., and Olivieri, R. (1991). *Fundamentals of nursing: Concepts, process and practice*. (4th ed.). Redwood City: Addison -Wesley.

Packets containing the readings and textbooks are available on reserve in the library and on overnight loan.

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### Course Notes (Policies and Procedures)

This course utilizes self-contained modules, lectures, group discussions, co-operative learning, demonstration and laboratory practice to present 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 Prosthetic and/or Orthotic situations.

The student must 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 workplace.



BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY

**Schedule**

School of Health Sciences

Program: Prosthetics and Orthotics

Week of/Number	Material Covered
	<b>NOTE:</b> Modules contain all the required readings. For all other topics, refer to the objectives and packets for readings you must complete.
<b>Sept. 8</b>	<ol style="list-style-type: none"> <li>1. Introduction to the course <ul style="list-style-type: none"> <li>• use of modules, objectives, and readings</li> </ul> </li> <li>2. Orientation to the use of the lab <ul style="list-style-type: none"> <li>• hospital bed unit</li> <li>• wheelchairs and stretchers</li> <li>• restraints and bedrails</li> <li>• student responsibilities in the lab</li> </ul> </li> <li>3. Prevention of accidents in the lab</li> </ol>
<b>Mon. Sept. 15</b>	<ol style="list-style-type: none"> <li>1. Medical Asepsis</li> <li>2. LAB: Handwashing</li> </ol>
<b>Mon. Sept. 22</b>	<ol style="list-style-type: none"> <li>1. Assessment Skills</li> <li>2. Promoting Patient Comfort and Rest</li> </ol>
<b>Mon. Sept. 29</b>	<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>
<b>Mon. Oct. 6</b>	<ol style="list-style-type: none"> <li>1. Isolation Protocols</li> <li>2. Surgical Asepsis</li> <li>3. Applying a Simple Dressing</li> <li>4. LAB: Practice Isolation Precautions <ul style="list-style-type: none"> <li>Open Gloving</li> <li>Open Sterile Packages</li> <li>Apply a Simple Dressing</li> </ul> </li> </ol>
<b>Mon. Oct. 20</b>	<ol style="list-style-type: none"> <li>1. The Concept of Health</li> <li>2. Dressing and Undressing Patients</li> <li>3. LAB: Dressing and Undressing Patients <ul style="list-style-type: none"> <li>Positioning cont'd (if needed)</li> </ul> </li> <li>4. Practice Exam</li> </ol>
<b>Mon. Oct. 27</b>	<b>MIDTERM EXAM</b>
<b>Mon. Nov. 3</b>	<ol style="list-style-type: none"> <li>1. Exam Review</li> <li>2. Hygiene Care of Limbs and Devices</li> <li>3. MODULE: Abnormal Sensations</li> </ol>
<b>Mon. Nov. 10</b>	<ol style="list-style-type: none"> <li>1. Transfers and Lifts</li> <li>2. Promoting Fire Safety and Accident Prevention</li> <li>3. LAB: Transfers and Lifts</li> </ol>
<b>Mon. Nov. 17</b>	<ol style="list-style-type: none"> <li>1. Health Care Team</li> <li>2. MODULE: Working with Patients who have Pressure Sores</li> </ol>

<b>Mon. Nov. 24</b>	<b>1. Entering the Operating Room</b> <b>2. MODULE: Medical Emergencies</b>
<b>Mon. Dec. 1</b>	<b>1. MODULE: The Patient with Physical Disabilities</b> <b>2. MODULE: Management of Patients with Tubes and Special Attachments</b> <b>3. Complete Progress Sheets</b> <b>4. Course and Instructor Evaluations</b>
<b>Dec. 8 - 12</b>	<b>EXAM WEEK</b>