



SEP 19 2002

BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY

Course Outline **Part A**

Health Sciences

Program: Electroneurophysiology

**NURS 1184**  
**PATIENT CARE**

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|                    |               |                     |           |                    |          |
|--------------------|---------------|---------------------|-----------|--------------------|----------|
| <b>Hours/Week:</b> | <b>3</b>      | <b>Total Hours:</b> | <b>45</b> | <b>Term/Level:</b> | <b>1</b> |
| <b>Lecture:</b>    | <b>Varies</b> | <b>Total Weeks:</b> | <b>15</b> | <b>Credits:</b>    | <b>3</b> |
| <b>Lab:</b>        | <b>Varies</b> |                     |           |                    |          |

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

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**Prerequisites**      None

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**Course Goals**

To provide the student with knowledge and skills required to provide patient care in Diagnostic Neurophysiology departments.

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**Course Description**

Introduces students to the hospital environment and the basic safety concepts of patient care. It includes observation and communication skills, body mechanics, fire safety and medical and surgical asepsis.

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**Evaluation**

|                 |            | Comments:   |
|-----------------|------------|---|
| Midterm Exam #1 | 25%        | To successfully pass this course the student must :<br><br>1. Achieve a course mark of 50% or better.<br>2. Successfully complete the Student Progress Sheet.<br>3. Complete all assignments. |
| Midterm Exam #2 | 25%        |   |
| 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. Assess a patient.
2. Explain the required interventions when working with individuals who are violent or have the potential to be violent.
3. Describe the contribution technologists make as members of the health care team.
4. Identify patient care components in practicum situations.
5. With supervision, perform skills in a manner which ensures safety and promotes comfort:
  - a. moving, positioning and transferring
  - b. medical asepsis (including isolation precautions)
  - c. surgical asepsis
  - d. personal hygiene and elimination needs
  - e. comfort measures
  - f. dressing and undressing patients
  - g. fire carries (lifts)
  - h. managing tubing, drains, and equipment
  - i. handling wheelchairs and stretchers
  - j. measure and record temperature, pulse and respiration
  - k. measure and record blood pressures
  - l. pharyngeal suctioning
  - m. oxygen administration
  - n. maintaining I.V. therapy
  - o. entering the operating room
6. Employ proper body mechanics.
7. Locate needed information from a patient's chart.
8. Assess patients during medical emergencies and identify the needed interventions.
9. Recognize the physical needs of patients with disabilities.
10. Identify unsafe conditions and fire hazards in hospitals.
11. Apply safety and comfort knowledge to a variety of patient care situations
12. Describe and assess the needs of the patient in pain and/or experiencing abnormal sensations.
13. Identify equipment and measures used to prevent pressure sores.
14. Discuss the procedure for admitting a patient to the Diagnostic Neurophysiology department.

### Course Outcomes and Sub-Outcomes (continued)

15. Understand the emotional climate created in critical care areas and the skills needed to be able to function in this environment.
16. Describe the functions of persons attending a cardiac arrest.
17. Demonstrate an understanding of the Workplace Hazardous Material Information System (WHMIS).

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### Course Record

This course outline is current, accurate, and complies with BCIT policy #5013 on course outlines.

Developed by: ELAINE FRASER  
ELM Fraser NURSING Date: Dec/98  
Instructor Name and Department (signature)

Revised by: \_\_\_\_\_ Date: \_\_\_\_\_  
Instructor Name and Department (signature)

Approved by: Carole Thompson Start Date: Jan/99  
Program Head/Chief Instructor (signature)



BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY

Course Outline **Part B**

Health Sciences

Program: Electroneurophysiology

**NURS 1184**  
**Patient Care**

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**Effective Date**  
September 2002

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**Instructor(s)**

**Elaine Fraser**

Office: SE12 435  
Office Hrs: Posted at desk

Phone: **604.432.8468**  
E-mail: **efraser@bcit.bc.ca**

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**Text(s) and Equipment**

Selected required readings from the following texts:

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

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

Packets containing most of the required 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

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

This course consists of lectures, modules, demonstrations, group discussion 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 Diagnostic Neurophysiology department.

Assignments are designed to assist the student to integrate and practice patient care skills required in the Diagnostic Neurophysiology department. The student must complete all assigned readings and modules prior to the designated class time. 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.

Please note that unforeseeable circumstances may necessitate the alteration of course content, sequencing, timing, and/or evaluation. Should alterations be required, as much as is possible, students will be given adequate notice of any such changes.



BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY

**Schedule**

Health Sciences

Program: Electroneurophysiology

| Week of         | Outcome/Material Covered  |
|-----------------|---|
|                 |   |
| Thurs. Sept. 5  | <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> </ol> |
| Fri. Sept. 6    | <ol style="list-style-type: none"> <li>1. Introduction continued</li> <li>2. WHMIS (Independent Study)</li> <li>3. Promoting Patient Comfort and Rest</li> </ol>  |
| Thurs. Sept. 12 | <ol style="list-style-type: none"> <li>1. Assessment Skills</li> </ol>  |
| Fri. Sept. 13   | <ol style="list-style-type: none"> <li>1. Body Mechanics</li> <li>2. Transfers and Lifts</li> <li>3. <b>LAB:</b> Patient Transfers</li> </ol>   |
| Thurs. Sept. 19 | <ol style="list-style-type: none"> <li>1. <b>LAB:</b> Patient Transfers continued</li> </ol>  |
| Fri. Sept. 20   | <ol style="list-style-type: none"> <li>1. Patients with Pressure Sores</li> <li>2. Positioning and Moving Patients</li> <li>3. <b>LAB:</b> Positioning and Moving Patients</li> </ol>   |
| Thurs. Sept. 26 | <ol style="list-style-type: none"> <li>1. <b>LAB:</b> Positioning and Moving Patients continued</li> </ol>  |
| Fri. Sept. 27   | <ol style="list-style-type: none"> <li>1. Promoting Fire Safety and Accident Prevention</li> <li>2. <b>LAB:</b> Fire Carries and Patient Lifts</li> </ol>   |

| Week of        | Outcome/Material Covered  |
|----------------|---|
| Thurs. Oct. 3  | 1. Medical Asepsis and Isolation Precautions  |
| Fri. Oct. 4    | 1. Medical Asepsis and Isolation Precautions continued<br>2. Surgical Asepsis<br>3. <b>LAB:</b> Handwashing<br>Sterile Procedures<br>Setting up Sterile Trays<br>Opening Sterile Packages<br>Open Gloving |
| Thurs. Oct. 10 | 1. Entering the Operating Room (OR)   |
| Fri. Oct. 11   | 1. Admitting a Patient<br>2. Sample Exam Questions  |
| Thurs. Oct 17  | <b>MIDTERM EXAM #1</b>  |
| Fri. Oct. 18   | 1. Patient with Physical Disabilities<br>2. Working with the Violent Individual   |
| Thurs. Oct.24  | 1. Exam Review<br>2. The Critically Ill Patient   |
| Fri. Oct.25    | 1. Medical Emergencies<br>2. Cardiac Arrest in Hospitals  |
| Thurs. Oct. 31 | 1. Pain and Abnormal Sensations   |
| Fri. Nov. 1    | 1. Documentation (incl. Incident Reports)   |
| Thurs. Nov. 7  | <b>MIDTERM EXAM #2</b>  |
| Fri. Nov. 8    | 1. Management of Tubes and Special Attachments<br>2. <b>LAB:</b> Demonstration of Equipment   |
| Thurs. Nov. 14 | 1. Exam Review<br>2. Health Care Team   |

| Week of        | Outcome/Material Covered   |
|----------------|--|
| Fri. Nov. 15   | <ol style="list-style-type: none"> <li>1. Dressing and Undressing Patients</li> <li>2. Meeting Elimination Needs</li> <li>3. <b>LAB:</b> Bedpans and Urinals<br/>Use of Attends, Benefits, Depends<br/>Dressing and Undressing Patients</li> </ol> |
| Thurs. Nov. 21 | <ol style="list-style-type: none"> <li>1. Temperature, Pulse, and Respirations</li> <li>2. Blood Pressure</li> </ol>   |
| Fri. Nov. 22   | <ol style="list-style-type: none"> <li>1. <b>LAB:</b> Measuring Temperature, Pulse, and Respirations<br/>Blood Pressure Assessment</li> </ol>  |
| Thurs. Nov. 28 | <ol style="list-style-type: none"> <li>1. Intravenous Therapy</li> </ol>   |
| Fri. Nov. 29   | <ol style="list-style-type: none"> <li>1. Intravenous Therapy (continued)</li> <li>2. <b>LAB:</b> Use of IV Equipment</li> </ol>   |
| Thurs. Dec. 5  | <ol style="list-style-type: none"> <li>1. <b>LAB:</b> Use of IV Equipment (continued)</li> </ol>   |
| Fri. Dec. 6    | <ol style="list-style-type: none"> <li>1. Respiratory Distress and Oxygen Therapy</li> <li>2. Pharyngeal Suctioning</li> <li>3. <b>LAB:</b> Work with Oxygen Equipment</li> <li>4. Course and Instructor Evaluations</li> </ol>                    |
| Dec. 9 - 13    | <b>EXAM WEEK</b>   |