



A POLYTECHNIC INSTITUTION

School of Health Sciences
Program: Bachelor of Technology in Nursing
Option:

NURS 4000
Applied Nursing Science 4

Start Date: August 20, 2002	End Date: December 3, 2002
Total Hours: 51 Total Weeks: 17	Term/Level: 4 Course Credits: 3.5
Hours/Week: 3 Lecture: Lab:	Shop: Group Work: 3

Prerequisites

Course No.	Course Name
NURS 3000	Applied Nursing Science 3

NURS 4000 is a Prerequisite for:

Course No.	Course Name
NURS 4530	Nursing Practicum 5
NURS 7630	Nursing Practicum 6

■ **Course Description (required)**

Students will explore three health-related situations that reveal complex health problems. In addition, they will apply selected theoretical concepts from nursing and other disciplines to each situation. There will be particular emphasis on the concept of health promotion.

Student learning groups will create a professional context wherein each group member will work collaboratively and effectively. While developing their understanding, students will access information from a variety of sources including appropriate literature, health care professionals and community resources. Situations will be analyzed from the perspective of the involved patient, professional nurse, multidisciplinary team, health care system and society. Students will individually present their findings in a way that facilitates learning for all group members. Exploration of each situation will culminate in the formulation of an individualized nursing care plan that addresses all relevant patient problems.

Each patient situation is dynamic. Students develop their critical thinking skills by diagnosing and managing new problems that arise as the patient's condition changes.

The teaching/learning strategy used in this course is problem-based learning.

■ **Course Format**

The course is comprised of both formal scheduled small group sessions and self-directed learning activities. The formal groups include a tutor/facilitator and a maximum of 12 students and meet weekly for three hours.

The duration of the course is 17 weeks. The first session provides an introduction to the course and to the first situation. Each of the three situations takes approximately 5 weeks to complete. However, individual groups may progress at their own pace providing all situations are completed by Week 16. Week 17 is Evaluation Week.

■ Evaluation

Scholarly Paper	25%	Comments: Refer to Assignment Details at the end of this course outline for guidelines, policies and criteria for achieving a passing grade, related to each method of evaluation.
Group Skills	15%	
Midterm Exam	20%	
Final Exam	40%	
TOTAL	100%	

■ Course Learning Outcomes/Competencies

Upon successful completion, the student will be able to:

1. develop a theory base related to complex health problems and selected concepts inherent in three health-related situations.
2. effectively utilize a problem-solving process to formulate a plan to address any health-related problem independently or in a group, in a timely manner.
3. critically evaluate literature, research findings and other resources in relation to accuracy, relevance and utility before using in professional forums, professional writing or own practice.
4. appraise health problems by monitoring contextual influences, explaining relationships and identifying patterns.
5. develop creative strategies when addressing problems by considering alternative ways of viewing a problem or situation.
6. promote learning within the group by sharing information in a competent and professional manner.
7. demonstrate commitment to the group process and use initiative to advance the functioning of the group.

■ Course Content

Three health-related situations will be analyzed and selected concepts will be applied.

A. Health-related Situations:

1. Tony Angelini is a 52-year-old man who was admitted to VGH Emergency with a diagnosis of diabetic ketoacidosis and arteriovascular insufficiency of the left leg. Mr. Angelini moved to Vancouver from High River, Alberta 10 days ago.
2. Helen Hames is an 81-year-old woman who was admitted to the VGH medical ward two days ago with heart failure and dementia NYD. She has a history of angina and had a myocardial infarction three years ago. She lives at home with her 85-year-old husband.
3. Arthur Bell is a 55-year-old man who was struck by a car outside his lodging at the Portland Hotel at 0200 hours two days ago. He was brought in unconscious to VGH Emergency with a diagnosis of craniocerebral trauma, alcohol abuse and liver failure. His last known admission was for treatment of shock secondary to gastric bleeding. He has just been transferred to your medical ward from Neuro ICU.

■ Course Content (cont'd.)

B. Concepts:

1. The following concepts will be considered when discussing each situation:

- Growth and Development
- Ethnicity
- Ethics
- Law
- Illness*
- Health Promotion in acute care settings**

* The concept of Illness includes epidemiology, level of acuity (acute/chronic), illness assessment, illness/injury prevention, and illness management (curative, rehabilitative, supportive).

** The concept of HP includes the following content (sub-concepts) learned in earlier levels: determinants (prerequisites) of health; illness/injury prevention, nutrition, patient education and community resources.

2. Students will apply a concept from a previous level when it is central to understanding a new situation.

3. Students will consider the context of each situation. The context focus for this level will be physical and socioeconomic.

■ Process Threads Relevant to this Course

Professionalism: This course promotes further development of a nursing knowledge base that is required for competent practice. In the acute care situations that are presented to them, students analyze data in a holistic manner, identify actual problems, anticipate potential problems and prepare nursing care plans. Students discuss health promotion with a focus in an acute care setting. They develop a further understanding of the professional role of the nurse. Students are expected to be accountable and responsible for following through with the work they have agreed to do.

Communication: Working effectively in teams is a focus of this course. Experience is gained by establishing working relationships with members, sharing ideas and learning materials, clarifying thoughts, and providing feedback. The latter skill is particularly stressed at this level. All students monitor group functioning by assessing their own and other student's facilitation skills. Verbal and written feedback/discussion is thoughtful. The academic use of APA is expected in essay writing. This assist students to appreciate the standards for written communication in nursing. Students improve computer literacy by using Internet course material and other data bases.

Systematic Inquiry: Students evaluate research findings that they encounter in their review of literature related to a health situation. In addition, when research findings are presented to the group, group members are responsible for questioning findings. Students investigate issues in nursing. They raise questions about nursing practices and explore alternatives. Students develop reflective skepticism regarding nursing practice.

Professional Growth: Students are required to take responsibility for their own learning by acquiring knowledge related to specific health-related situations and to develop a problem-solving process that they are able to apply to any health situation in a timely manner. There is special emphasis on facilitating group learning by sharing accurate, relevant information in a professional manner. Students develop learning partnerships with peers and instructors to explore learning needs and opportunities and act to improve and enhance their performance. Students consult with health professionals in hospitals and in the community to obtain relevant information. Students reflect on own values, beliefs and assumptions about growth and development, ethnicity, health promotion, health/illness and nursing concepts. Students value updating their own knowledge. Students evaluate sources of knowledge that

■ **Process Threads Relevant to this Course (cont'd)**

are used in their practice. Students assume responsibility for learning and becoming self-starters. Students are responsible and accountable for their actions.

Creative Leadership: Students will demonstrate credibility, assertiveness, problem solving, judgement, and initiative within the group. Students use facilitation skills within groups to function productively. Students will propose creative ways of solving problems related to health situations. Students appreciate the role of nursing in the health care system.

Technical Skill: In the health situations they are studying, students discuss relevant technical skills with the emphasis on understanding the rationale and anticipating nursing responsibilities associated with the skills.

■ **Verification**

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

Linda Brazier
Authoring Instructor

Aug. 14, 2002
Date

I verify that this course outline has been reviewed.

Kathy Durr
Program Head/Chief Instructor

August 14, 2002
Date

I verify that this course outline complies with BCIT policy.

Sheeman
Dean/Associate Dean

Aug. 16/02
Date

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

■ Tutor(s)

Linda Brazier (in charge)	604-432-8918	Lynn Brown	604-432-8916
Susan McKenzie	604-432-8914	Selma Whiteside	604-451-6953

Note: Office hours will be announced by each tutor on the first class day.

■ Learning Resources

Required:

Davies, B., & Logan, J. (1999). *Reading research* (2nd ed.). Canadian Nurses Association.

Required (Generic Texts):

Code of ethics
Standards for nursing practice
Health assessment
Nursing-medical dictionary
Pharmacology handbook
Laboratory and diagnostic handbook
Medical-surgical nursing text

Articles and text excerpts: see course outline for additional required readings that are available on reserve in the BCIT Library.

Recommended (Course Specific):

Carpennito, J. (1999). *Nursing care plans and documentation: Nursing diagnosis and collaborative problems* (3rd Ed.). Philadelphia: Lippincott.

■ Information for Students

(Information below can be adapted and supplemented as necessary.)

Assignments: Late assignments receive a 10% per day penalty. Refer to the section related to "scholarly paper" for further details.

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.

Attendance: The attendance policy as outlined in the current BCIT Calendar will be enforced. Attendance will be taken at the beginning of each session. If a student is absent for more than 10% of the planned course activities, without a medical reason, he/she may be prohibited from completing the course (see BCIT Attendance Policy). If a student misses **two classes**, that student has exceeded 10% of the planned course and must provide an **approved** medical certificate to the tutor.

Illness: An approved 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.

Attempts: If a student fails NURS 4000, he/she must meet with the Course Leader, and providing there is a seat available, the student may then register for a second attempt. Two attempts at NURS 4000 is the maximum allowable according to Nursing Program policy.

■ Information for Students (cont'd.)

Students who have not successfully completed a course within three attempts will not be eligible to graduate from the appropriate program.

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.

Student Conduct: The BCIT Student Conduct Policy (#5251) is implemented in this course. For example, students who engage in "disruption of instructional activities or services" will be in violation of this policy.

Required Reading: The journal articles and book sources listed in the reference section are required reading for all students. Students who are researching and presenting material to their group are required to utilize additional sources which are to be obtained by the student.

■ Assignment Details

A. Group Skills Evaluation — 15% of total mark

Purpose

1. To promote learning within the group.
2. To develop skills which are integral to teaching patients and professional groups.
3. To continue to improve ability to facilitate group process within own NURS 4000 group.
4. To develop skills that enhance leadership ability within own nursing practice.
5. To demonstrate a high level of professionalism by being accountable and responsible for maintaining group norms.

Guidelines

1. Each group will establish group norms in their first group session. These will include such issues as ways to deal with lateness, missed work, assignment of topics, role and selection of chairperson, use of agendas and other issues.
2. The last 15–20 minutes of each scheduled group session will be devoted to evaluating group process (debriefing).
3. All group members are responsible for contributing to effective group dynamics. If problems arise, then the group must decide how to resolve difficulties in order that the work of the group is not impaired. In cases where an individual student violates the BCIT Student Conduct Policy, the tutor and Year 2 Coordinator will meet with the student individually.

Policies

1. Students will evaluate their own group process skills and that of their group members on a weekly basis using the Group Skills Evaluation Tool (see Appendix A).
2. Formal group feedback will be given at mid-term (formative evaluation) using the Group Skills Evaluation Tool. The format for giving and receiving feedback will be decided by the group. It is important that group members receive accurate feedback at this time so that they are able to formulate a plan to improve problem areas.
3. Students will include a review of at least one research article in at least one teaching session.

4. The final mark will be determined by averaging the tutor's mark (50%) and the student's mark (50%) for a total of 15% of the course mark. Criteria related to attendance and evaluation will be solely marked by the tutor. The tutor reserves the right to remove any evaluation form that is inappropriate or incomplete. **Students must achieve a minimum of 50% in their Group Skills mark in order to pass the course.**

B. Exams — 60% of total

Students will write a mid-term and final problem-solving exam.

Policies

1. When students provide more information than is required, the tutor will select the answers in the order that they are provided.
2. Answers will be deemed correct only if they are based on the data actually provided in the situation.
3. **Students must achieve an average of 50% of the weighted average on these two exams in order to pass the course.** For example, 11/20 (mid-term) + 19/40 (final) = 30/60 and therefore a passing grade.

Mid-Term Problem Solving Exam — 20% of total

The problem solving exam will be based on the first health situation discussed. Situations in the exam will not be limited to the specific situation provided in the data sheet. For example, you are expected to learn about diabetes which includes both Type 1 and Type 2, so either type may be tested. The format will be multiple choice and/or short answer responses.

The exam will be completed in class time on **Week 8**. (See class schedule.)

Situations will be given and the student will mainly be required to:

- determine assessments that are required.
- diagnose problems based on the data provided.
- identify independent and collaborative nursing interventions.
- provide theoretical rationale for nursing actions.
- anticipate the requirements of the health care team.
- initiate health promotion in given situations.

Final Examination — 40% of total grade (100 marks)

The final exam uses the same format as the mid-term problem solving exam. It is a comprehensive exam which uses 3–4 patient situations. The exam is written in Examination Week (17), the time and date TBA.

C. Scholarly Paper: *Bridging the Gap Between Theory and Practice* — 25% of total marks

Note: Refer to detailed handout.

Purpose

This paper involves an assessment of a specific patient in an acute care setting and the subsequent identification of a priority patient problem. Based on the relevant patient data collected and the review of the literature related to this problem, the student will propose to implement a specific nursing intervention to address this problem. The student will then review the literature related to the intervention and discuss how to apply this theory to plan, implement and evaluate this intervention. Finally, the student will reflect on and briefly discuss insights gained by applying theory to practice as a professional nurse.

Course Outcomes

The concept paper will assist the student to meet the following course outcomes:

1. Develop a theory base related to complex health problems and selected concepts.
2. Effectively utilize a problem-solving process to formulate a plan to address any health related problem independently.
3. Critically evaluate literature, research findings and other resources in relation to accuracy, relevance and utility before using in professional forums, professional writing or own practice.
4. Expand understanding of health problems by considering contextual influences, recognizing relationships and identifying patterns.
5. Develop creative strategies when addressing problems by considering alternative ways of viewing a problem or situation.

Policies

1. The body of the paper will be a maximum of 15 typed pages (using APA guidelines). The title page, Reference List and Appendices are not included in the calculation of the 15 pages. An abstract is not required.
2. A completed paper must be submitted in order to pass NURS 4000 (**course requirement**).
3. Papers must be submitted by 0830 hours directly to the tutor by the due date. Late papers will have a deduction of 10% of the total mark for each day late (Monday to Friday) unless an extension has been negotiated in advance of the due date. The only acceptable grounds for an extension is illness and this must be supported by an approved physician's note. If a late paper is handed in on a day when the tutor is not available, then the student must personally submit the paper to the year 2 coordinator and notify the tutor. It is the student's responsibility to ensure that the paper is safely transferred to the tutor or coordinator.
4. An actual patient is assessed in the acute care setting. For the purpose of this paper, the following is **not** acceptable: a patient you have cared for in a previous level, a patient in a community setting; a family member; a friend.

5. Patient confidentiality must be maintained. The patient's name is not used in the paper.
6. The paper must conform to APA guidelines and conventions for professional writing. If a paper is found to *significantly* deviate from this standard, then the paper must be rewritten before it is marked and will be subjected to the late penalty (Monday to Friday) which will commence on the day it is returned to the student by the tutor. Therefore, the *minimum* penalty is 10% of the total mark.
7. Failure to acknowledge a source once will result in a complete loss of four marks related to APA format. This occurs when another author's ideas are "passed off" as the writer's own ideas. A repeated instance of this will constitute a violation of the plagiarism policy.
8. The BCIT policy in relation to cheating and plagiarism is in effect (#5250). Students will submit **two** copies of the HP paper to their tutor. One copy will be retained by the course leader for the sole purpose of monitoring for plagiarism.

Note: Detailed guidelines and marking criteria will be distributed in the first class.

SITUATION #1: Tony Angelini

Tony Angelini is a 52-year-old man who was admitted to VGH Emergency with a diagnosis of diabetic ketoacidosis and arteriovascular insufficiency of the left leg. Mr. Angelini moved to Vancouver from High River, Alberta 10 days ago.

Required Reading and Resources

Note: All readings are required whereas resources are optional. Journal articles have been selected to augment the section in your medical-surgical textbook. There are five copies of each journal article on three-day reserve in the library.

Diabetes:

Required Readings

1. Medical-surgical textbook. Section on Diabetes Mellitus, acid-base balance and peripheral vascular occlusive disease.
2. Pharmacology Handbook. Section on Insulin and Oral Hypoglycemic Agents.
3. Required journal articles:

Berdanier, C. (1999). Diabetes mellitus: A genetic disease. *Nutrition Today*, 43(2), 89–98.

Canadian Diabetes Association. (1996). 6 tips for your sick day blues. *Equilibrium: Issue 1*, 39–41.

Diabetic News. (1997). Alcohol and its impact on Type 2 diabetes. *Author*, 5(2), 3–5.

Halpin-Landry, J., & Goldsmith, S. (1999). Feet-first: Diabetes care. *American Journal of Nursing*, 99(2), 26–34.

Hicks, D. (1999). Diabetes education — Whose responsibility? *Journal of Community Nursing*, 13(2), can be read at: http://www.jcn.co.uk/2_2_7.htm.

Meltzer, S., Leither, L., Daneman, D., Gerstein, H.C., Lau, D., Ludwig, S., Yale, J.F., Zinman, B., & Lillie, D. (1998). 1998 clinical practice guidelines for the management of diabetes in Canada. *Canadian Medical Association Journal*, Oct. 20, 1998 (159), S1–S24.

Wolever, T., et al. (1999). Guidelines for the nutritional management of diabetes mellitus in the new millennium: A position statement by the Canadian Diabetes Association. *Canadian Journal of Diabetes Care*, 23(3), 56–67.

Teaching/Health Promotion:

Canadian Nurses Association (1992, March). Position statement on health promotion. Ottawa: Author.

Vallis, T. Michael. (1998). Understanding diabetes non-adherence: Psychosocial factors associated with poor self-care. *Canadian Journal of Diabetes Care*, 22(4), 13–21.

Ward-Collins, D. (1998). "Noncompliant"... Isn't there a better way to say it. *American Journal of Nursing* can be read at: http://www.nursingcenter.com/continuing/ce/Viewarticle.CFM?ART_ID=a0805026&part=1.

Community Resources:

Canadian Diabetic Association. British Columbia/Yukon Division. 604-732-1331.

Resources:

1. *The Good Health Eating Guide* (on reserve)

2. *Videos*

Video (BCIT Library). Control and Complications. Learning About Diabetes Series.

Video (BCIT Library). Diabetic Emergencies (**strongly recommended**) VC 3365C.2.

3. *Websites*

<http://www.diabetes.ca>

Join Medscape.com and then visit <http://endocrine.medscape.com/PCI/diabetes/public/diabetes-about.html>.

Acid-base Balance:

Required Readings

Tasota, F.J., & Wesmiller, S.W. (1998). Balancing act: Keeping blood pH in equilibrium. *Nursing 98*, December, 34–40. <http://www.springnet.com>.

Resources

1. *Video*: Concept Media: VC 2868

Program 1: The ups and downs of pH

Program 2: Respiratory alkalosis and acidosis

Program 3: Metabolic alkalosis and acidosis

Peripheral artery occlusive disease:

Required Readings

Rice, K. (1998). Navigating a bottleneck. *Nursing 98*, February, 33–38. <http://www.springnet.com>.

Walsh, E. (1998). Bypassing the bottleneck surgically. *Nursing 98*, February, 39–44. <http://www.springnet.com>.

SITUATION #2: Helen Hames

Helen Hames is an 81-year-old woman who was admitted to the VGH medical unit two days ago with heart failure and dementia, NYD. She has a history of angina and had a myocardial infarction three years ago. She lives with her husband, age 85.

Cardiac problems:

Required Readings

1. Medical-surgical textbook. Sections on angina, myocardial infarction, heart failure and atrial fibrillation.
2. Pharmacology Handbook. Sections on related cardiac medications.
3. Journal articles:
 - Bosely, C. (1995). Assessing cardiac output. Don't stop at the heart. *Nursing 95*, September, 43–45.
 - Chorzempa, A., & Tabloski, P. (2001). Post myocardial infarction treatment in the older adult. *The Nurse Practitioner*, March 26(3), 36–49.
 - Harrison, H. (1999). Troponin I. A new cardiac marker is revolutionizing the diagnosis of MI. *AJN*, 99(5), 24TT.
 - Hiller, G.A. (1999). Atrial fibrillation, Soothing the savage beat. *Nursing 99*, February, 26–31.
 - McConnell, E. (1998). Assessing jugular venous pressure. *Nursing 98*, February, 28.
 - Newton, J.L. (1998). Angina pectoris: A cry from the heart. *Nursing 98*, August, 58–60.
<http://www.springnet.com>.
 - Redecker, N., & Sadowski, A. (1995). Update on cardiovascular drugs and elders. *American Journal of Nursing*, September, 35–41.
 - Rockwell, J. (1999). Heart failure. Deciphering the exact cause will determine the success of treatment. *AJN*, October 99(10), p. 24BB.
 - Siomko, A.J. (2000). Demystifying cardiac markers. *AJN 100*(1) 36–40.

Resources

1. *Videos*
 - Assessment and Care of Patients with Angina. VC 5871.
 - Heart. (First 5 minutes demonstrates assessment of jugular vein pressure) VC 5185.

2. Community Resources

Heart and Stroke Foundation of BC and Yukon 1212 West Broadway Vancouver, B.C. Phone No. 604-736-4404
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Note: Regional offices for Greater Vancouver are in the phone book.
National Website: www.HSF.Ca
Professional Education Site (Ontario) Website: www.HSFOPE.ORG/

Dementia

Required Readings

1. Medical-surgical text on Dementia/Alzheimer's Disease.
2. Journal Articles:
 - Danner, C., Beck, C., Heacock, P., & Modlin, T. (1993) Cognitively impaired elders. Using research findings to improve nursing care. *Journal of Gerontological Nursing*, April, 5–11.
 - DeYoung, S., Just, G., & Harrison, R. (2002). Decreasing aggressive, agitated or disruptive behavior. Participation in a behavior management unit. *Journal of Gerontological Nursing*, June, 23–31.
 - Hall, G. (1994). Chronic dementia. Challenges in feeding a patient. *Journal of Gerontological Nursing*, April 21–30.
 - Insel, K., and Badger, T. (2002). Deciphering the 4 D's: Cognitive decline, delirium, depression and dementia—a review. *Journal of Advanced Nursing* 38(4), 360–368.
 - Laue, I. (1995). In sickness and in health. The wife of an Alzheimer's victim shares thoughts from her personal diary. *Canadian Living*, March, 59–63.
 - Lemonick, M.D., and Park, A. (2001). The nun study. *Time*, May 14, 40–49.
 - Maxfield, M., Lewis, R., & Cannon, S. (1996) Training staff to prevent aggressive behavior of cognitively impaired elderly patients during bathing and grooming. *Journal of Gerontological Nursing*, January, 37–43.
 - Maier-Lorentz, M. (2000). Effective nursing interventions for the management of Alzheimer's disease. *Journal of Neuroscience Nursing*, 32(3), 153–157.
 - Phinney, A. (1998). Living with dementia from the patient's perspective. *Journal of Gerontological Nursing*, June, 1998, 8–15.
 - Rentz, C. (1995). Reminiscence. A supportive intervention for the person with Alzheimer's disease. *Journal of Psychosocial Nursing*, 33(11), 15–20.
 - Shapira, J. (1994). Research trends in Alzheimer's disease. *Journal of Gerontological Nursing*, April, 4–9.

Souder, E., Saykin, A., & Alavi, A. (1995). Multi-modal assessment of Alzheimer's disease. ADL in relation to PET, MRI and neuropsychology. *Journal of Gerontological Nursing*, September, 7-13.

Delirium

Foreman, M., Wakefield, B., Culp, K., & Milisen, K. (2001). Delirium in elderly patients: An overview of the state of the science. *Journal of Gerontological Nursing*, April, 12-20.

Resources

1. Videos

- Alzheimer's Disease. A Practical Approach to Problem Behavior. VC 4338.
- Mental State Examination of the Demented Adult. VC 5850.
- Problem Behaviors in Geriatrics — Agitation and Restlessness. VC 6328. (Note: Seven other videos in this series available in the library)

2. Health Promotion/Community Resources:

Alzheimer's Society of BC 20 – 601 West Cordova Street Vancouver, B.C. Phone No. 604-681-6350
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Note: Regional offices for Greater Vancouver in phone book.
Web Site: www.Alzheimer.Ca

Ethical Issues: Elder Abuse:

Required Readings

1. Journal Articles

Beaulieu, M., Gravel, S., & Lithwick, M. (1999). Older adult mistreatment: Dynamics in personal relationships. *The Newsletter of the Gerontology Research Center, Simon Fraser University*, 17(4), 8-10.

Lynch, S. (1997). Elder abuse. What to look for, how to intervene. *American Journal of Nursing* 1997, 97(1), January, 27-33.

Health Promotion/Nutrition:

Required Readings:

1. Journal Articles:

Hamilton, S. (2001). Detecting dehydration and malnutrition in the elderly. *Nursing* 2001, (31)12, December, 56-57.

Osteoporosis

Required Readings

Galsworth, T.D., & Wilson, P.C. (1996). Osteoporosis: It steals more than bone. *AJN*, 96(6), 27-34.
<http://www.ajn.org/ajn>.

SITUATION #3: Arthur Bell

Arthur Bell is a 55-year-old man who was struck by a car outside his lodging at the Portland Hotel at 0200 hours two days ago. He was brought in unconscious to VH Emergency with a diagnosis of craniocerebral trauma, alcohol abuse, and liver failure. His last known admission was for treatment of shock secondary to gastric bleeding. He has been transferred to your medical ward from Neuro ICU.

Social and Political Contexts:

Resources

1. **Video:** Liz Evans Profile (call # TBA. This describes a nurse advocate's work with residents of the Portland Hotel.)

Neurological Problems:

Required Readings

1. Medical-surgical textbook. Sections on **craniocerebral trauma, intracranial bleeding (not CVA), increased intracranial pressure (ICP), and care of the unconscious patient.**
2. Pharmacology Handbook. Section on medications used to treat increased ICP.
3. Journal Articles:

Maus-Clum, N. (1982). Brining the unconscious patient back safely. *Nursing* makes the critical difference. *Nursing*, 82, August, 34-42.

Parobek, V., & Alaimo, I. (1996). Fluid and electrolyte management in the neurologically-impaired patient. *Journal of Neuroscience Nursing*, 28(5), 322-328.

Ponsford, J. (1987). Practical issues in working with the head injured. *B.C. Head Injury Association*, 1-4.

Sherman, D. (1990). Managing an acute head injury. *Nursing* 90, April, 47-51.

Specht, D. (1995). Cerebral edema. Brining the brain back down to size. *Nursing* 95, November, 34-48.

Resources

1. **Health Promotion/Community Resources**

Lower Mainland Brain Injury Association:	604-431-0803
B.C. Brain Injury Association:	604-520-3221

Substance Abuse Problems: Alcoholism:

Required Readings

1. Journal Articles

Belcaster, A. (1994). Caring for the alcohol abuser. *Nursing 94*, February, 56–59.

Hokenson, P. (1994). Assessment of the patient at risk for acute alcohol withdrawal. *Med-Surg Nursing*, 3(3), June, 211–216.

Single, E., Robson, L., Xie, X., & Rehm, J. (1996). The costs of substance abuse in Canada. *Canadian Center on Substance Abuse*, 4–15.

Smith, B.A. (1998). The problem drinker's lived experience of suffering: an exploration using hermeneutic phenomenology. *Journal of Advanced Nursing*, 27, 50–55.

2. Assessment tool:

Vancouver Hospital and Health Sciences Center. Addiction Research Foundation Clinical Institute Withdrawal Assessment for Alcohol (CIWA-Ar). One page.

Resources

1. **Health Promotion/Community Resources**

Alcoholics Anonymous:	604-434-0803
Rational Recovery (non-religious):	604-324-9629 or 604-703-0754
Information Services, Vancouver	
(re: referral drug & alcohol counseling services):	604-875-6381

Cirrhosis:

Required Reading

1. Medical-surgical textbook. Section on Liver Failure (Cirrhosis) and its complications.

2. Pharmacology text: Medications to Treat Hepatic Encephalopathy (Lactulose & Neomycin).

3. Journal Articles:

Carr, L. (1997). The last visit. *Gastroenterology Nursing*, 20(5), 184–185.

Huston, C.J. (April, 1996). Ruptured esophageal varices. *AJN*, 96(4), 43.

Kelso, L.A. (August, 1992). Fluid and electrolyte disturbances in hepatic failure. *AACN*, 3(3), 681–685.

Wills Butler, R. (1994). Managing the complications of Cirrhosis. *American Journal of Nursing*, March, 1994, 46–49.

Wright, I.O. (1998). Esophageal varices: Treatment and implications. *Gastroenterology Nursing*, 21(1), 2–5.

Shock:

Required Readings

1. Medical-surgical textbook. Section on all types of shock: hypovolemic, cardiogenic and distributive (includes septic, neurogenic, anaphylactic).
2. Journal Articles:

Philip, C. (1998). Streptococcal necrotizing fasciitis: Recognizing and treating a hidden killer. *Nursing BC*, March–April, 14–15.

Mower-Wade, D., Bartley, M., & Chiari-Allwein, J. (2001). How to respond to shock. *Dimensions of critical care nursing*, 20(2), 22–27.

Resources

1. **Video:** Shock VC3367 (critical care focus — good patient simulation).

Review of the Problem-Based Learning Process

A. Preliminary Activities

1. Initial introductions (Week 1).
2. Setting group norms and objectives (Week 1).

B. Group Work

1. Reviewing health situations.
2. Identifying learning issues.
3. Grouping and ordering learning issues to ensure that no overlap occurs.
4. Presenting/teaching learning issues to group.
5. Analyzing the data sheet (what is known, what is not known).
6. Deciding on what additional material needs to be researched and presented.
7. Discussing issues such as clinical judgment questions.
8. Formulating an individualized nursing care plan.

C. Group Process

1. Setting agendas and assigning next week's chairperson at the end of each session.
2. Debriefing at the end of each session.
3. Facilitating the functioning of the group (see Group Skills Evaluation Tool, Appendix A).

Group Skills Evaluation Tool for NURS 4000

Purpose: This tool is designed to provide accurate information to self and other group members so that this information can be utilized to improve group process skills. The form is also used to assign a final mark.

Instructions: Assign a mark to yourself and each group member for **criterion #1–20** using the following scale.

3 Marks	2 Marks	1 Mark	0 Marks
Strongly Agree	Agree	Disagree	Strongly Disagree
Exceeds criteria consistently	Meets criteria fairly consistently	Needs improvement to meet criteria or meets criteria inconsistently	Fails to meet criteria or rarely meets criteria

The group member demonstrates effective knowledge and teaching skills by:

1. using current and relevant literature and resources for all teaching sessions.
2. demonstrating a knowledge of the subject that is being taught at an appropriate depth and breadth.
3. conveying credibility by being clear, confident and articulate.
4. promoting learning by using effective teaching methods, aides and handouts.
5. promoting active learning through discussion, questioning techniques and other participatory strategies.
6. completing teaching sessions within an appropriate time frame.
7. using current and previously acquired knowledge in group discussion.

MARKS /21

The group member demonstrates effective group facilitation skills by:

8. actively participating in analyzing learning issues and assigning topics.
9. using specific group facilitation skills such as clarifying and summarizing.
10. actively participating in discussion by asking questions, giving opinions and sharing experiences.
11. encouraging others to participate.
12. giving constructive as well as positive feedback to self, group members and the group as a whole.
13. helping to keep group members focused and raising awareness of problems and/or conflict.
14. suggesting appropriate strategies for problem solving and/or managing conflict.
15. maintaining a positive, goal directed attitude and conveying interest and enthusiasm.
16. chairing meetings effectively.

MARKS /27

The group member demonstrates professionalism by:

17. being accountable and responsible, e.g., carrying full share of workload and “delivering” what has been promised.
18. accepting feedback from the group in an open manner.
19. changing own behavior as needed.
20. being courteous and respectful of others (includes notifying appropriate person re lateness, etc.).

MARKS /12

/60

The following criteria will be marked by your tutor (Yes=3 marks; No=0 marks):

21. Discusses and references at least one relevant research article per term.
22. Attends at least 90% of all group sessions. Note: BCIT attendance policy is in effect.
23. Is always punctual.
24. Completes the Group Skills Evaluation for self completely and appropriately.
25. Completes the Group Skills Evaluation for group members completely and appropriately.

MARKS /15

TOTAL /75