



BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY

Course Outline **Part A**

School of Health Sciences

Program: Nursing

Option:

NURS 1020

Clinical Techniques 1 — Laboratory

Hours/Week:	3	Total Hours:	51	Term/Level:	1
Lecture:	1	Total Weeks:	17	Credits:	3.5
Lab:	2				
Other:					

Prerequisites

None

NURS 1020 is a Prerequisite for:

Course No.	Course Name
NURS 2020	Clinical Techniques 2 — Laboratory
NURS 2030	Nursing Practicum 2

Course Goals

Clinical Techniques 1 — Laboratory facilitates student learning of particular hands-on nursing skills used in professional nursing practice.

Course Description

This course presents basic nursing skills related to hygiene, touch therapies and therapeutic touch, movement and rest, feeding, oxygen use, voiding, bowel care, and oral and topical medications. **Emphasis** is placed on student understanding of the purpose of the skill, focused assessment related to the skill, as well as the safe and confident performance of the skill. The communication and research aspects of the skills are also included. Student independent and laboratory practice, demonstrations and examinations are part of the course.

Process threads relevant to this content:

- Leadership — decision making, risk management, priority setting.
- Communication — giving information to people — what helps, what hinders? Developmental considerations, using a focused assessment relevant to the skill, identifying vocabulary related to the skill.
- Systematic inquiry — the research process — posing questions, sources of data, reliability, generalizability, etc. Using written sources — textbooks, hospital policy manuals, research articles. Using questioning and modeling to develop thinking and reflection during the lab session.
- Professionalism — keeping standards of practice and ethics in mind for all skills.
- Learning — focus on individual responsibility in how skills are learned, practiced, demonstrated, etc.

Evaluation

Multiple choice exam	50%
Skill demonstration	30%
Research activity	20%
TOTAL	100%

Course Outcomes and Sub-Outcomes

The student will:

1. describe the safety principles for all hands-on nursing skills.
2. describe the purpose of the skills to the human being.
3. demonstrate selected skills safely and confidently.
4. appreciate the research base of selected skills.
5. demonstrate the communication aspects of hands-on nursing skills.
6. demonstrate responsibility for attaining and maintaining a safe level of skill performance.
7. recognize the real and potential risks of skills to people.

Course Record

Developed by: Linda Barratt, Nursing
Instructor Name and Department (signature)

Date: June 7, 1996

Revised by: _____
Instructor Name and Department (signature)

Date: _____

Approved by: M. Bennett Ralney
Associate Dean / Program Head (signature)

Start Date: Aug. 19 1996



BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY

Course Outline **Part B**

School of Health Sciences

Program: Nursing

Option:

NURS 1020

Clinical Techniques 1 – Laboratory

Effective Date

August 19, 1996

Instructor(s)

Key Negoro

Office No.: SE12 418

Phone: 451-6953

Office Hrs.: See posted hours at desk

Text(s) and Equipment

Required:

Snyder, M. (1992). *Independent nursing interventions*. (2nd ed.). Albany, New York: Delmar.

Recommended:

Sims, L.K., D'Amico, D., Stiesmeyer, J.K. & Webster, J.A. (1995). *Health assessment in nursing*. Menlo Park, CA: Addison-Wesley.

Craven, R.F. & Hirnle, C.J. (1996). *Fundamentals of nursing: Human health and function*. (2nd ed.). Philadelphia: Lippincott.

Dugas, B.W. & Knor, E.R. (1995). *Nursing foundations: A Canadian perspective*. Scarborough, ON: Appleton & Lange, Canada.

Course Notes (Policies and Procedures)

1. Course delivery and evaluation methods will be discussed during the first week of the class.
2. Selected clinical techniques will be self-taught with testing during laboratory periods. Other techniques will be practiced during laboratory periods and tested at specific times on the class schedule. These are noted on the class schedule.
3. A study guide for class reading and preparation will be distributed with this course outline.

Participation/Attendance

1. Regular attendance in lecture, seminars and laboratory periods is required of all students. If a student is absent for any cause other than illness for more than ten percent (10%) of the time prescribed for any subject, he/she may be prohibited from completing the course (4.07.10 BCIT Policy Manual).
2. If a lecture and/or laboratory period is missed, the student is responsible for the content of the class missed.

Evaluation of Clinical Technique: Final Exam

The final skill testing exam of clinical techniques is worth 30% of your final grade. **You must pass this component of the evaluation process to pass the course.** Your demonstration of specific techniques will be graded satisfactory/unsatisfactory according to criteria on a checklist which you will have seen prior to the test in practice labs. If you meet all criteria you will receive a satisfactory and be granted 30 marks (30%). If you do not meet all criteria you will receive an unsatisfactory and no numerical grade will be given (0%). You will be given the opportunity to redo a techniques demonstration exam **once** should you receive an unsatisfactory. For all techniques demonstration tests you will be asked to perform the technique as well as answer questions about the particular technique being demonstrated.

Assignment Details and Evaluation Methods

Assignment Details

Identify a clinical technique or related issue to a clinical technique taught in Level 1. Investigate current knowledge, thinking and research significant to this technique or related issue. Conduct your investigation by:

- reviewing current research literature.
- comparing nursing textbook information with research reported in nursing journals.
- reviewing appropriate hospital documents, e.g., policy and procedure manuals.
- reviewing RNABC discussion papers.
- interviewing a practicing nurse and/or client.
- conducting a small research project yourself.

You may begin this process of inquiry by asking a question such as: "Does a back rub before bedtime promote relaxation and consequently induce sleep?"

Expectations and Evaluation Methods

1. A minimum of two research articles must be used to complete this assignment and at least two other sources of information. It is recommended that you consult more than **one type** of source as you may uncover conflicting information that may be significant to your investigation.
2. You are to choose how you wish to disseminate your findings to your classmates, e.g., a written report, a poster presentation, a verbal presentation, etc., etc.
3. You must inform the instructor how you will disseminate your findings by week 10 so that if there are some scheduling implications these can be attended to early.
4. All printed and oral (interviewee) sources of information must be acknowledged and included in a written submission (reference list) to your instructor by the assignment deadline.
5. The research assignment is worth 20% of your final grade.
6. The grading of your assignment will be the responsibility of you and your Clinical techniques instructor.
7. If you choose to write a paper it must be a minimum of 5 pages and maximum of 7 pages and follow guidelines for written papers (see guidelines for nursing students at BCIT).
8. If you choose to do a presentation it must be 15 minutes in length and you must submit prep work and reference list.
9. If you choose to do a poster presentation you must submit prep work, posters and reference list.
10. For all other methods of dissemination consult your instructor for expected amount of work.

Evaluation of Research Assignment

1. You will work in pairs to complete this assignment.
2. Marks are assigned based on three criteria and self-reported work of each individual. Therefore, each person in the pair receives his/her own mark.
3. Your clinical techniques instructor will grade the assignment based on self-reported work and actual work for all three criteria:

- a. Content (10 marks)

Content presented should reflect the thinking of a beginning researcher. The thinking shows familiarity with the research process. A question or problem to investigate is clearly identified and is relevant to Nursing practice. Review of current research in journals is evident, evaluated and discussed. Comparisons of information gained from other sources (e.g., practicing nurses, textbooks, etc., etc.) are evident, evaluated and discussed. Implications of research findings for nursing practice are identified and discussed. Ideas for further research are identified.

- b. Organization (5 marks)

Information is presented in a logical and orderly manner. A systematic approach to gathering evidence is evident. Language used (oral or written) is clear and precise and is free of jargon, vagueness and ambiguity. Research, nursing and medical terms are defined for the audience (Level 1 Nursing students). Sources of information are acknowledged and a typed bibliography is handed in. APA style of referencing is utilized.

- c. Creativity (5 marks)

Creativity refers to the methods selected for presentation of information to an audience of beginning researchers. Selected methods communicate information in an interesting and thought-provoking manner. Strategies that stimulate participation in the research process are evident (e.g., asking questions). Selected methods do not detract from the academic process, e.g., games, humor.

4. Students may request one reread or review of their assignment mark. A reread may involve a meeting with the instructor and students involved in the assignment. Another instructor may be requested to conduct the reread or review.



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School of Health Sciences

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Schedule

NURS 1020

Clinical Techniques 1 – Laboratory

Week of/ Number	Outcome/Material Covered	Reference/Reading	Assignment	Due Date
August 19/96 Week 1	<p>Introduction to Clinical Techniques 1</p> <ul style="list-style-type: none">• Overview of course content and relevant process threads• Discussion of course delivery methods• Discussion of course requirement and evaluation methods <p>Principles that apply to Level 1 Clinical Techniques: e.g.,</p> <ul style="list-style-type: none">• medical asepsis• body substance precautions• body mechanics• conservation of energy and time• comfort• safety	<p>Clinical Techniques Course Outline</p> <p>Back Talk – WCB publication</p> <p>Any recommended Fundamentals of Nursing text</p> <p>*See study guide for specific reading and class preparation</p> <p>View BSP videotape</p>		

Week of/ Number	Outcome/Material Covered	Reference/Reading	Assignment	Due Date
August 26/96 Week 2	<p>Clinical Techniques related to Integumentary System</p> <ul style="list-style-type: none"> • bed bath (complete and partial)* <p>Touch Therapies (labs, demo and practice)</p> <ul style="list-style-type: none"> • back rubs <p>* Techniques are self-taught with return demonstration during the lab period on classmate or doll or produce a video of performance of this technique; method of return demonstration must be indicated to instructor prior to this lab</p>	<p>Any recommended Fundamentals of Nursing text</p> <p>*See study guide for specific reading and class preparation</p> <p>Snyder, M. (1992). Independent Nursing Interventions (2nd ed.). Albany, New York: Delmar, pp. 199–205</p>		
Sept. 2/96 Week 3	<p>Clinical Techniques related to nutrition and EENT/face/head and neck</p> <ul style="list-style-type: none"> • occupied bed* • mouth care* • denture care (demo) • feeding <p>* Clinical Technique will be self-taught with return demonstration during the lab</p>	<p>Any recommended Fundamentals of Nursing text</p> <p>*See study guide for specific reading and class preparation</p>		

Week of/ Number	Outcome/Material Covered	Reference/Reading	Assignment	Due Date
Sept. 9/96 Week 4	<p>Clinical Techniques related to Genitourinary System</p> <ul style="list-style-type: none"> measures to increase voiding* intake and output* urine testing bedpans and urinals catheter and condom care unsterile specimens <p style="margin-left: 300px;">{ Demo & Practice</p> <p>* Clinical Technique will be self-taught with return demonstration or quiz in the lab</p>	<p>Any recommended Fundamentals of Nursing text</p> <p>*See study guide for specific reading and class preparation</p> <p>Bring urine sample to lab</p>		
Sept. 16 Week 5	<p>Clinical Techniques Assessment Course: Testing Day</p> <p>0830–1000 – Multiple choice exam</p> <p>1030–1230 { Assessment skill performance testing</p> <p>1330–1630 {</p>		prepare for exam	
Sept. 23/96 Week 6	<p>Midterm Multiple Choice Exam (1 hour)</p> <p>Skill testing practice exam (2 techniques)</p> <p>You will select one technique you wish to be tested on and you will draw a second technique from a hat</p>		prepare for exam	
Sept. 30/96 Week 7	<p>Clinical Techniques related to Anorectal System</p> <ul style="list-style-type: none"> bowel care (demo) discussion “what research questions might there be related to use of bowel interventions such as enemas?” Safety principles associated with medication administration Math for Meds (discussion, review) Pharmacology Legal aspects of drug administration <p>*Bring drug handbook to class</p>	<p>Any recommended Fundamental of Nursing text</p> <p>Any recommended Math for Meds or Calculations text</p> <p>*See study guide for specific reading and class preparation</p>		

Week of/ Number	Outcome/Material Covered	Reference/Reading	Assignment	Due Date
Oct. 7/96 Week 8	Oral and Topical Medications (demo and practice)	Any recommended Fundamental of Nursing text Any recommended Math for Meds or Calculations text *See study guide for specific reading and class preparation		
Oct. 14/96 Week 9	Research Process <ul style="list-style-type: none"> • Why research in nursing practice? • How to get started? • Posing research questions • Sources of information • What's relevant? 	Any recommended Fundamental of Nursing text (chapter on Research in Nursing)		
Oct. 21/96 Week 10	Clinical Techniques related to Musculoskeletal System <ul style="list-style-type: none"> • ROM* • positioning* Restraints <ul style="list-style-type: none"> • demo and practice • discussion: legal and ethical implications of restraints * Clinical Techniques will be self-taught with return demonstration during the lab	Any recommended Fundamental of Nursing text *See study guide for specific reading and class preparation	<u>Research Assignment</u> Inform Clinical Techniques instructor(s) of method selected for dissemination of findings	Oct. 25/96 by 4 p.m.

Week of/ Number	Outcome/Material Covered	Reference/Reading	Assignment	Due Date
Oct. 28/96 Week 11	Clinical Techniques related to Musculoskeletal System <ul style="list-style-type: none"> lifts and transfers crutch walking walking and assertive devices } Demo & Practice	Any recommended Fundamentals of Nursing text *See study guide for specific reading and class preparation		
Nov. 4/96 Week 12	Clinical Techniques related to Respiratory System <ul style="list-style-type: none"> oxygen by cannula and mask, demo and practice oral suctioning Review and practice of other skills (student selected)	Any recommended Fundamentals of Nursing text *See study guide for specific reading and class preparation		
Nov. 11/96 Week 13	Research Assignment 1 hour – discussion of Article Lab: Individual meeting times with Instructor	Article: TBA		
Nov. 18/96 Week 14	Therapeutic Touch Discussion: What research questions might there be related to the use of therapeutic touch?	1. Snyder, M. (1992). Independent Nursing Interventions (2nd ed.). Albany, New York: Delmar, pp. 173–183		
Nov. 25/96 Week 15	Research Day — Presentation of Findings <ul style="list-style-type: none"> papers distributed oral presentation poster presentation other methods 		Research Assignment Submission of all work	Nov. 29/96

Week of/ Number	Outcome/Material Covered	Reference/Reading	Assignment	Due Date
Dec. 2/96 Week 16	Skill-Testing Exam		See schedule posted on bulletin board	
Dec. 9 — Exam Week	Final Multiple Choice Exam — 1½ hours	See exam schedule posted on bulletin board	Demo & Practice	