

SAULT COLLEGE OF APPLIED ARTS & TECHNOLOGY
SAULT STE. MARIE, ONTARIO

COURSE OUTLINE

Course Title: HEALTH CARE
Code No: CCW 120
Program: NURSING
Semester: TWO
Date: JANUARY, 1988
Author: NANCY MCCLELLAND

New: _____ Revision: X

APPROVED: _____
Chairperson Date

HEALTH CARE

CCW 120

Course Name

Course Number

COURSE DESCRIPTION:

This course focuses on the care of the sick child. It includes some basic principles of Anatomy and Physiology, Microbiology, Medical Asepsis, Nutrition, Pharmacology, and the recognition and treatment of selected childhood problems. It includes theory and practice related to therapeutic drugs and their administration.

TEXT: See Student Manual

Reference texts: Rose, Sshniedman, Susan Lambert: Being a Nursing Assistant, 3rd ed. 1982, Prentice Hall, Englewoods Cliffs, N.Y.

Whaley & Wong: Clinical Handbook of Paediatric Nursing, 2nd ed., Mosby Co., Toronto, 1986.

Nutrient Value of Some Common Foods, Health & Welfare Canada, 1979, Health Services and Promotion Branch and Health Protection Branch

B. Reiss, M. Evans Melich, Pharmacological Aspects of Nursing Care, 2nd ed., Delmar Publishers Inc., 1987

Tel-Med Tape Library @ Group Health Centre, Sault Ste. Marie, Ontario. Phone: 942-7777

METHODOLOGY:

Lectures, videos, films and filmstrips, class discussions, demonstrations, practice labs and possible individual and/or group presentations will be employed.

Each two hour class per week will include:

- 1) short review of previous work when needed
- 2) lecture, discussion
- 3) a 10 minute coffee break
- 4) opportunity for class participation, questions and answers on relevant health-related topics

LAB WORK:

- 1) One lab on the monitoring of temperature, pulse and respiration
- 2) Mandatory demonstration and practice lab re. drug administration

COURSE REQUIREMENTS:

- 1) Completion of a short test on body systems and microbiology.
- 2) Completion of individual lab on monitoring T.P.R.
- 3) Completion of short test on care of the ill child.
- 4) Completion of a take-home assignment on nutrition.
- 5) Completion of take-home assignment on therapeutic drugs. Type of assignment will depend on time available.
- 6)* Satisfactory completion of an individual lab on drug administration. Administration of Medications lab must 100% correct. This is an "all or none" mark off.
- 7) Completion of test on nature and administration of therapeutic drugs.
- 8) Individual participation, discussion and sharing of experience.

GRADING SYSTEM:

Test #1	Biology, Microbiology, Medical Asepsis	20%
Test #2	Care of the Ill Child	25%
T.P.R. Lab Test		5% *
Nutrition Assignment		10%
Therapeutic Drug Assignment		10%
Administering Medications Lab		5% *
Test #3	Therapeutic Drugs and T.P.R.	25%

All tests remain the property of Sault College.
Students must attend 80% of the theory section of the course to pass.
For lab demonstration, practice and mark offs, attendance is mandatory.

**Suggested A/V Material
Reading Material, etc.**

SECTION A BIOLOGY

1) To understand how the body develops from a single cell to a complex, multi-cellular organism.

Film: "Man - The Incredible Machine"

2) To be aware of the gross structure and basic functions of selected body systems:

Filmstrips
Class Hand-Out

- a) Nervous; senses, eye, ear
- b) Circulatory
- c) Respiratory
- d) Gastrointestinal
- e) Urinary
- f) Reproductive
- g) Skin (Integumentary)

SECTION B MICROBIOLOGY

1) To know the major groups of micro-organisms that cause disease.

Hand-out

2) To know how micro-organisms are spread.

3) To know how the spread of micro-organisms can be controlled - Medical Asepsis.

4) To understand the development of immunity.

5) To be aware of the immunization procedures carried out in this province.

**Suggested A/V Material
Reading Material, etc.**

SECTION C CARE OF THE CHILD

1) To understand the terms, history, signs and symptoms.

Filmstrip: "A Child's Reaction to Illness"

2) To recognize the signs of illness in a child and young adult.

Filmstrips: "If a Boy Can't Learn" and "Special Problems - Three Different Kinds of Kids"

3) To discuss the symptoms in acute, subacute and chronic illness and terminal illness.

4) To know the principles underlying the care of a child who is experiencing a specific illness.

a) Digestive System

Film: "I'm Not What You See"

- cleft lip and palate
- foreign body ingestion
- vomiting
- diarrhea
- constipation
- appendicitis
- pinworms

Hand-Outs

b) Respiratory: Nose, Throat, Lungs

- epistaxis
- tonsillitis, adenoiditis
- strep throat
- sinusitis
- bronchitis
- pneumonia, colds, flu
- asthma

Film: "Asthma - Exercises Induced"

c) Ear-Eye Disorders

- otitis media
- deafness
- conjunctivitis
- strabismus

**Suggested A/V Material
Reading Material, etc.**

d) Pain: How to Detect Pain

- earache
- headache
- sore throat
- abdominal pain
- menstrual cramps
- urinary infections

e) Skin: Eczema, Hives

- acne
- allergic rashes
- impetigo
- ringworm
- athlete's foot
- insect bites

f) Infestations

- scabies
- pediculosis

g) Neurological

- fever
- epilepsy
- minimal brain dysfunction

Film: "Epilepsy"

h) Anaphylactic Shock

i) Common Communicable Diseases

- rubeola
- rubella
- chicken pox
- mumps
- pertussis (whooping cough)
- sexually-transmitted diseases
 - syphilis
 - gonorrhea
 - herpes simplex II

Films: "Old Bugs,
New Problems" and
Peegé - "I'm Not
What You See"

j) Urinary

- enuresis
- glomerulonephritis

**Suggested A/V Material
Reading Material, etc.**

k) Musculoskeletal

- clubfoot
- traumatic injuries
- scoliosis

SECTION D T.P.R.

- 1) To understand the physiology of temperature, pulse, respiration.
- 2) To discuss the procedures for taking oral, rectal, axillary temperatures, radial, apical pulse, respirations.

Hand-Outs

Filmstrip: "T.P.R."

SECTION E NUTRITION

- 1) To understand the essentials of good nutrition.
- 2) To know the principles of menu planning.

Slide Tape: "Menu Planning"

"Eating on the Run"

Filmstrip: "A.H.U."

Canada's Food Guide

SECTION F THERAPEUTIC DRUGS

- 1) To discuss drug administration responsibilities that the Child Care Worker may encounter in the various work settings.
- 2) To be aware of the various routes for administering drugs and the advantages and disadvantages of each.
- 3) To be aware of the factors that influence the effects of a drug.
- 4) To discuss how to administer drugs safely. To be aware of the associated responsibilities when administering drugs.

Film from A.D.R.F.

Slide Tape: "Oral Medication"

Filmstrip: "Glue Sniffing and Pills"

LSD - Worth the Risk

Marijuana - A Foolish Fad

Reading Material

**Suggested A/V Material
Reading Material, etc.**

Films:

5) To discuss several of the major drug groups in relation to their effect on the human body.

"All Bottled Up"

6) To discuss the safe administration of core drugs that may be administered by the C.C. worker.

"Stoned"

"Almost Everyone Does It"

7) To discuss signs and symptoms and basic treatment of drug abuse as it relates to a child and adolescent.

"I'm Dependant, You're Addicted"