

THE SAULT COLLEGE OF APPLIED ARTS AND TECHNOLOGY  
CHILD CARE & ADOLESCENT WORKER PROGRAM

COURSE OUTLINE

COURSE TITLE: C.C.W. 120-2 HEALTH CARE

INSTRUCTOR: Vi Krmpotich

MEETING TIMES: Wednesday 7:00 p.m. to 10:00 p.m. Sept. 14, 1983 - Nov. 30/83.

NATURE OF COURSE:

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 health problems. It includes theory and practice related to therapeutic drugs and their administration. Some aspects of drug abuse are also considered.

LEARNING RESOURCES:

1. Provided by the College - handouts
  - filmstrips / tapes
  - films
2. Provided by the students
  - a) C. Rosdahl Testbook of Basic Nursing - (Lippincott Co.) 1981 Edition

METHODOLOGY:

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

Each three-hour class will include:

- 1) short review of previous work when needed
- 2) lecture of varying length
- 3) a 15 minute coffee break
- 4) opportunity for class participation, questions and answers on relevant health-related topics.

LAB WORK:

- 1) One, 30 minute 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 biology, microbiology.
- 2) Completion of individual lab on monitoring T.P.R.,
- 3) Completion of short test of 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) Completion of an individual lab on drug administration.
- 7) Completion of test on nature and administration of therapeutic drugs.
- 8) Individual participation, discussion and sharing of experience.

GRADING SYSTEM:

Written Test:

- |                                 |     |
|---------------------------------|-----|
| 1) Biology, Microbiology        | 20% |
| 2) Care of the Ill Child        | 25% |
| 3) Therapeutic Drugs and T.P.R. | 25% |

ASSIGNMENTS:

- |                     |     |
|---------------------|-----|
| - Nutrition         | 10% |
| - Therapeutic Drugs | 10% |

LAB WORK

10%

OBJECTIVES

		Audio-Visual Material Reading Material, Etc.
CLASS #1 - <u>Biology</u>	1) To understand how the body develops from a single cell to a complex multi-cellular organism	Film - "Man - The Incredible Machine"
CLASS #2	2) To be aware of the gross structure and basic functions of selected body systems	Sections 4 - 10 Pages 64 - 79
	a) Nervous	Filmstrips
	b) Circulatory	Circulatory
	c) Respiratory	Respiratory Film
	d) Gastrointestinal	
	e) Urinary	Human Reproduction
	f) Reproductive	Section 12 Pages 96 - 144
CLASS #3 - <u>Microbiology</u>		
	1. To know the major groups of micro organisms that cause disease	A Child's Reaction to Illness - Filmstrip
	2. To know how micro organisms are spread	Handout
	3. To know how the spread of micro organisms can be controlled	Section 6 Pages 34 - 43
	4. To understand the development of immunity	
	5. To be aware of the immunization procedures carried out in this Province.	
CLASS #4,5,6,7, - <u>Care of the Child</u>		
	1. To understand the terms; history, signs and symptoms	Filmstrips - "If A Boy Can't Learn"
	2. To recognize the signs of illness in a child and young adult.	"Special Problems - Three Different Kinds of Kids"
	3. To discuss how the symptoms in acute, subacute and chronic illness and terminal illness	Asthma - Exercise Induced - Film
	4. To know the principles underlying the care of a child who is experiencing a specific illness.	

OBJECTIVES (CONT.)

CLASS #4,5,6,7

A) DIGESTIVE SYSTEM

- Cleft lip and palate
- Foreign body ingestion
- Vomiting
- Diarrhea
- Constipation
- Appendicitis
- Pinworms

B) RESPIRATORY - Nose, Throat, Lungs

- Epistaxis
- Tonsillitis, Adenoiditis
- Strep Throat
- Sinusitis
- Bronchitis
- Pneumonia, Colds, Flu

C) EAR-EYE DISORDERS

- Otitis media
- Deafness
- Conjunctivitis
- Strabismus

D) PAIN - How to detect pain, i.e.

- Earache
- Sore Throat
- Abdominal
- Menstrual Cramps
- Urinary Infections

E) SKIN - Eczema, Hives

- Acne
- Allergic rashes
- Impetigo
- Ringworm
- Athlete's Foot

FILMS

"I'm Not What You See"

"Old Bugs - New Problems"

Epilepsy - Film

Handouts

OBJECTIVES (CONT.) CLASS #4,5,6,7

F) INFESTATIONS

- Scabies
- Pediculosis

G) NEUROLOGICAL

- Epilepsy
- Minimal brain dysfunction

H) ANAPHYLACTIC SHOCK

I) COMMON COMMUNICABLE DISEASES

- Rubeola
- Rubella
- Chicken Pox
- Mumps
- Pertussis
- Sexually Transmitted Diseases

J) URINARY

- Eneursis
- Glomelonephritis

K) MUSCULOSKELETAL

- Clubfoot
- Traumatic Injuries
- Scoliosis

CLASS #8- T.P.R. NUTRITION

1. To understand the physiology of temperature, pulse, respiration
2. To discuss the procedures for taking oral, rectal axillary temperatures, radial apical pulse, respirations.
3. To understand the essentials of good nutrition
4. To know the principles of menu planning.

AV Aids and Reading Material

Sections 20, 21, 40

Handouts

Slides/Tape

"T.P.R."

"Menu Planning"

"Eating on the Run"

Filmstrip - A.H.U.

OBJECTIVES (CONT.)

CLASSES #9, 10, 11, 12

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, 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.
5. To discuss several of the major drug groups in relation to their effect on the human body
6. To discuss the safe administration of core drugs that may be administered by the C.C. worker.
7. To discuss signs and symptoms and basic treatment of drug abuse as it relates to a child and adolescent

Handouts

- Film from A.D.R.F.
- Slide/Tape  
"Oral Medication"
- Filmstrips - Glue Sniffing and Pills
- LSD - Worth the Risk
- Marijuana - A Foolish Fad
- Reading Material  
Sections 33, 59  
Pages 428, 429
- Films:
- All Bottled Up
  - Stoned
  - Almost Everyone Does It.