

SAN BERNARDINO VALLEY COLLEGE

COURSE OUTLINE FOR PSYTCH 084
INTRODUCTION TO PSYCHIATRIC TECHNOLOGY

I. CATALOG DESCRIPTION:

PSYTCH 084
INTRODUCTION TO PSYCHIATRIC TECHNOLOGY

10 Hours lecture, 21 hours laboratory = 17 Units

An introduction to psychiatric technology with a focus on normal growth and development, developmental disabilities. Current trends, pharmacology and basic nutrition are emphasized. Laboratory experience includes the role of the psychiatric technician, basic nursing skills, principles and administration of prescribed medication for developmentally disabled clients.

SCHEDULE DESCRIPTION: An introduction to Psychiatric Technology with focus on normal growth and development, developmental disabilities and nursing skills.

Prerequisites: Admission to the Psychiatric Technology Program, BIO 050, ENGL 015, PSYC 100, MATH 952

II. NUMBER OF TIMES COURSE MAY BE TAKEN FOR CREDIT - ONE

III. EXPECTED OUTCOMES FOR STUDENTS:

Upon completion of the course, the student will be able to:

- A. Define and give examples of beginning level therapeutic communication.
- B. Define and demonstrate the application of the nursing process in the care of clients.
- C. Discuss pharmacology, pharmacokinetics and dosage forms.
- D. Identify principles of medication administration and responsibility Psychiatric Technicians in medication administration.
- E. Compare and contrast the different classifications of developmental disabilities..
- F. Demonstrate ability to collect baseline data and determine appropriate interventions for developmentally disabled clients.
- G. Identify and apply principles of Behavioral Modification.
- H. Recognize and understand the stages of normal growth and development, comparing Freud, Erikson, and Piaget's developmental stages.
- I. Identify and discuss the metabolic, genetic, pre peri and Post-natal causes of developmental disabilities.
- J. Define and discuss normalization in a least restrictive environment.
- K. Discuss leisure activity, sexuality, vocational and family issues of

- developmentally disabled clients.
- L Distinguish the basic nutritional components and the role of each in body systems.
- M. Identify the classification of neurological disorders as it relates to developmental disabilities.

IV. CONTENT:

- A. Therapeutic Communication
 - 1. Definition
 - 2. Identify and list the various levels of therapeutic communication and give examples.
- B. Nursing Procedures
 - 1. Define Nursing Process
 - 2. Define and list the major steps in the Nursing Process in the application of clients care.
- C. Introduction to Pharmacology
 - 1. Principles of pharmacology, pharmacokinetics and dosage forms
 - 2. Medical terminology used in the administration of medication
 - 3. Drug classification and pharmacologic action including Nursing Interventions
 - 4. Principles of medication administration
 - 5. Responsibilities of the Psychiatric Technician in the administration of medications
- D. Etiology, types, and classification of Developmental Disability
 - 1. Definition and classification
 - 2. Method used and diagnosis (including I.Q. ranges)
- E. Behavior Modification
 - 1. Definition
 - 2. Different types of behavior modification principles and application
 - 3. Principles of Behavior Modification
- F. Normal Growth and Development
 - 1. Stages of normal growth & development including motor skills
 - 2. Comparison of Freud, Erikson, and Piaget's theorists of developmental stages
- G. Genetic and Metabolic Developmental Disabilities
 - 1. Types of recessive and dominant inheritance defects
 - 2. Types of sex-linked inheritance and chromosomal abnormalities
 - 3. Special treatment and prognosis
 - 4. Genetic counseling
- H. Pre, Peri and Post-Natal Cause of Developmental Disabilities
 - 1. Pregnancy from conception to delivery as related to pre, peri, and post-natal care of development disabilities
 - 2. Special treatments & prognosis
- I. Normalization

1. Definition
2. Concept of least restrictive environment and rights of developmental disabled clients
3. Role of Regional Center and developmental disabled clients
- J. Leisure Activity, Sexuality, Vocational and Family Issues of Developmental Disabled Clients
 1. Types of leisure activities available to developmental disabled clients
 2. Issues of family, sexuality and vocations for developmental disabled clients
- K. Basic Nutrition
 1. Definition of nutrition
 2. Basic food groups
 3. Essential nutrients and nutritional disorders
 4. Special diets and problems
 5. Feeding problem and techniques of Development Disabled client
- L. Neurological Disorders of the Developmental Disorders
 1. Classification of neurological disorders
 2. Cardiovascular features of neurological disorders
 3. Special treatments and prognosis
- M. Basic Nursing Skills
 1. Cardio-pulmonary and first aid technique
 2. Activities of daily living skills, such as bed bath, bed making, toileting, position and feeding

V. METHODS OF INSTRUCTION

- A. Lectures
- B. Demonstration
- C. Readings
- D. Role playing, scenario
- E. Audio-visual and computer assisted programs
- F. Group projects and discussions
- G. Written assignments
- H. Supervised clinical and practice skill building - hospital and community setting

VI. TYPICAL ASSIGNMENTS

- A. Role playing scenario regarding different disabilities.
- B. Simulated beginning level therapeutic communication techniques.
- C. Written Assignments
 1. Case study utilizing nursing process
Construct a correct medication treatment records using simulated doctor's orders
- D. Completion of critical elements checklist for skills in the clinical setting.

VII. EVALUATION

- A. Method of Evaluation
 - 1. Objective examination and quizzes
 - a. Typical sample questions
 - 1. Giving a client tokens for holding her hands on her lap for 10 minutes instead of hand flopping is applying the principle of:
 - a. Aversive conditioning
 - b. Reinforcement of other behavior
 - c. Reinforcement of incompatible behavior
 - d. Primary positive reinforcement
 - e. Classical conditioning
 - 2. Which of the following actions is appropriate during intramuscular administration of medication?
 - a. Insert needle slowly
 - b. Aspirate the plunger
 - c. Inject rapidly
 - d. Massage skin vigorously
 - 2. Demonstrate application of principles in care of developmentally disabled clients (performance criteria)
 - 3. Grade written assignments and client care documentation
- B. Frequency of Evaluation
 - 1. Laboratory experience skill performance are evaluated following completion of each clinical site experience
 - 2. Weekly, bi-weekly, midterm and final examinations and quizzes

VIII. TYPICAL TEXTBOOK

Textbooks

Bashaw, Mark L. Children With Disabilities, 4th Edition, Baltimore, Maryland, Paul Brooks Publishing Co., 1998

Gardener, James F., Developing Staff Competencies For Supporting People With Developmental Disabilities, 2nd Edition, Paul Brooks Publishing Co., Baltimore, Maryland, 1998

Scherer, Jeanne C., Roach, Sally S., Introductory Clinical Pharmacology, 5th Edition, Lippincott-Raven Publishers, Philadelphia, 1996

Rosdahl, Caroline, Textbook and Workbook of Basic Nursing, 7th Edition, Philadelphia, J.P. Lippincott Company, 1999

National Safety Council, 3rd Edition, First Aid and CPR, Jones and Bartlett Publishers, Sudbury, Massachusetts, 1997

IX. OTHER SUPPLIES REQUIRED BY STUDENTS:

- A. Uniforms
- B. Stethoscope
- C. Watch with second hand counter