

Virginia Western Community College

PNE 136

Maternal and Child Health Nursing

Prerequisites

None

Course Description

Examines pregnancy, childbirth, postpartum, and newborn care from a family centered approach, Covers complications related to childbearing. Emphasizes growth, development, and exploration of common childhood disorders at various ages.

Semester Credits: 4

Lecture Hours: 4

Lab/Clinical/Internship Hours: 0

Required Materials

Textbook:

Henke's Med-Math Dosage Calculation, Preparation and Administration. Buchholz, Susan. (2016). 8th Edition. Lippincott, Williams, & Wilkins. ISBN: 9781496302847

Introductory Maternity & Pediatric Nursing. J. N. Klossner & N. T. Hatfield (2014). 3rd Edition. Wolters Kluwer/Lippincott, Williams, & Wilkins. ISBN: 9781451147025

Other Required Materials:

Medical Dictionary

The Point

PrepU

DocuCare

Course Outcomes

At the completion of this course, the student should be able to:

I: Maternal Health:

- Identify the anatomy of the female reproductive system
- Explain the functions of the external, internal, and accessory female organs in human reproduction
- Describe the influence of hormones in the female reproductive process

- Describe embryonic development
- Describe fetal development and maturation of body systems
- Describe the development and functions of the placenta, umbilical cord, and amniotic fluid
- Describe the normal course of pregnancy and the purpose of prenatal care
- Identify fetal and maternal complications that may occur during pregnancy
- Describe the four components of the birth process
- Explain the normal processes of childbirth: premonitory signs, mechanisms of birth, and stages and phases of labor
- Determine appropriate nursing care for the intrapartum client
- Describe factors that influence a woman's comfort during labor
- Discuss common interventions for the woman experiencing pain associated with labor
- Explain common nursing responsibilities during the birth
- Discuss common complications during labor and birth, the common interventions, and nursing responsibilities for each
- Determine nursing care of the mother during the immediate post birth period
- Describe the normal physiological and emotional changes during puerperium
- Describe common problems occurring in the puerperium, including symptoms, treatment, and prevention
- Explain aspects of preventative health care for women
- Describe various methods of birth control

II: Pediatrics

- Describe normal reflexes, characteristics and care of the newborn
- Describe the causes of preterm birth, and the physical characteristics and care of the preterm and post-term newborn
- Describe common congenital malformations of the newborn
- Describe normal growth and development of children
- Describe special issues of children, including divorce, latchkey, and homelessness
- Describe the child's experience of hospitalization and identify ways to lessen the stress of hospitalization for the child and the child's parents.
- Develop pediatric care plans and explain use of pediatric clinical pathways
- Identify essential safety measures applicable to the hospitalized child
- Perform age-specific procedures related to the pediatric client, including medication administration
- Identify special concerns of pediatric nursing
- Discuss child and domestic abuse in the family
- Describe the nursing care of the child with terminal conditions.
- Describe nursing care of children with a health disorder
- Discuss diseases and disorders of children using a body systems approach
- Identify characteristics of common childhood communicable diseases and the nurse's role in the immunization of children

Topical Description

Unit 1: Overview of Maternal and Pediatric Health Care

- The Nurse's Role in a Changing Maternal-Child Health Care Environment
- Family Centered and Community-Based Maternal and Pediatric Nursing

Unit II: Foundations of Maternity Nursing (Review on Own)

- Structure and Function of the Reproductive System
- Special Issues of Women's Health Care and Reproduction
 - Women's Health Issues
 - Reproductive Life cycle Issues

Unit III: Pregnancy

- Fetal Development
- Maternal Adaptation During Pregnancy
- Prenatal Care

Unit IV: Labor and Birth

- The Labor Process
- Pain Management During Labor and Birth
- Nursing Care During Labor and Birth
- Assisted Delivery and Cesarean Birth

Unit V: Postpartum and Newborn

- The Postpartum Woman
- Nursing Assessment of Newborn Transition
- Nursing Care of the Normal Newborn
- Newborn Nutrition

Unit VI: Childbearing at Risk

- Pregnancy at Risk: Conditions That Complicate Pregnancy.
- Pregnancy at Risk: Pregnancy-Related Complications
- Labor at Risk
- Postpartum Woman at Risk
- The Newborn at Risk: Gestational and Acquired Disorders
- The Newborn at Risk: Congenital Disorders

Unit VII: Health Promotion for Normal Growth and Development (Review on Own)

- Principles of Growth and Development
- Growth and Development of the Infant: 28 Days to 1 Year
- Growth and Development of the Toddler: 1 to 3 Years
- Growth and Development of the Preschool Child: 3 to 6 Years
- Growth and Development of the School-Aged Child: 6 to 10 Years
- Growth and Development of the Adolescent: 11 to 18 Years

Unit VIII: Foundations of Pediatric Nursing

- Assessment of the Child (Data collection)
- Care of the Hospitalized Child
- Procedures and Treatments
- Medication Administration and Intravenous Therapy

Unit IX: Special Concerns of Pediatric Nursing

- The Child with a Chronic Health Problem
- Abuse in the Family
- The Dying Child

Unit X: The Child with a Health Disorder

- Sensory/Neurological Disorder
- Respiratory Disorder
- Cardiovascular/Hematologic Disorder
- Gastrointestinal/Endocrine Disorder
- Genitourinary Disorder
- Musculoskeletal Disorder
- Integumentary Disorder/Communicable Disease
- Psychosocial Disorder

Note to Instructors