



Course Outline

2026-2027 Catalog

NSG 8 - Accelerated Track Normal and Advanced Pediatric Nursing

Catalog Description

Transfer Status: CSU

Prerequisite: Admission to Accelerated Track Registered Nursing Program

Unit(s): 1.50

Lecture: 25.50 Contact hours/51.00 Out of class hours/76.50 Total hours/1.50 Unit(s)

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Course Description: This course prepares the Associate Degree Nursing student to care for clients in the pediatric setting. The focus is on family centered pediatric nursing beginning in the newborn period through the care of the adolescent child. Using the nursing process approach, the course will include normal and high risk newborn and infant care, normal child health care, and acute pediatric care. In addition, content related to the child at risk will be addressed. Graded only.

Objectives

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

1. Contrast normal growth and development in the newborn, infant, toddler, pre-school, school age and adolescent client.
2. Describe the nursing and medical management for common newborn and childhood conditions.
3. Discuss nursing care and medical management for common developmental, cardiac, respiratory, gastrointestinal, neurological, musculoskeletal, genitourinary, endocrine, immunologic, neoplastic, integumentary, infectious, mental health, and chromosomal abnormalities in the pediatric population.
4. Apply principles of assessment for clients in the pediatric setting.
5. Utilize critical decision-making skills to discuss the health care for clients in the pediatric setting.
6. Plan caring, developmentally appropriate interventions for clients in the pediatric setting.
7. Prepare patient education tools for children and parents in the pediatric setting
8. Create nursing care plans that incorporate principles of communication and cultural care for children and their families.

Course Content

Topic Titles / Suggested Time Topic	
<u>Lecture</u>	
<u>Topics</u>	<u>Lec Hrs</u>
Health Assessment (normal and advanced)	4.00
Medication Administration	2.00
Care of Children in Diverse Settings/Health Supervision/Communication	2.00
Growth and Development in Pediatrics	2.00
Fluid and Electrolytes, Gastrointestinal Disorders	2.00
Immunologic and Genitourinary Disorders	1.50
Respiratory Disorders	1.50
Cardiovascular Disorders	1.50
Hematology and Oncology Disorders	1.50
Sensory Alterations – Disorders of the Eyes and Ears	1.50
Neurological Disorders	1.50
Endocrine and Metabolic Disorders	1.50
Musculoskeletal Disorders	1.50
Integumentary Disorders	1.50
Total Hours:	25.50

Methods of Instruction

- A. Group Discussions
- B. Homework: Students are required to complete two hours of outside-of-class homework for each hour of lecture
- C. Instructor Demonstrations
- D. Lecture
- E. Reading Assignments

Methods of Evaluation

- A. Exams/Tests
- B. Papers
- C. Homework
- D. Written Assignments

Examples of Assignments

Reading Assignments

1. Use pediatric textbook and resources on Canvas to plan care for the pediatric client demonstrating knowledge of developmental issues in Pediatrics: communication, teaching, approaching the child during physical assessment, child's reaction to hospitalization and be prepared to discuss.
2. Use pediatric textbook and resources on Canvas to differentiate between the adult and the pediatric client in regard to seizures and epilepsy in Pediatrics and be prepared to discuss.

Writing Assignments

1. Complete the 2-page asthma case study and be prepared to participate in a discussion.
2. Complete the 2 page SIDS case study and be prepared to participate in a discussion..

Out-of-Class Assignments

1. Complete Ticket to Class #8: Respiratory Disorders and be prepared to discuss.
2. Complete Ticket to Class #3: Growth and Development and be prepared to discuss.

Recommended Materials of Instruction

Horntvedt, T. (2023). Dimensional Analysis: Calculating Dosages Safely. *F A Davis, 3rd*. 978-1-7196-4628-4..

Harding, M. M., Kwong, D. Hagler, D. Roberts, & C. Reinisch, Eds. (2022). Lewis's Medical Surgical Nursing - Assessment and Management of Clinical Problems. *Elsevier, 12th*. 978-0-323-82519-1.

McKinney, E., et al. (2018). Maternal Child Nursing. *Elsevier, 6th*. 978-0-323-75146-9.

McKinney, E., et al. (2018). Study Guide for Maternal Child Nursing. *Elsevier, 6th*. 978-0-323-71189-0..

Minimum Qualifications

Nursing (Masters Required)

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