

**SEWARD COUNTY COMMUNITY COLLEGE
COURSE SYLLABUS**

I. TITLE OF COURSE: NR1411- Pharmacology for Nursing II

II. COURSE DESCRIPTION: 1 credit hours
1 credit hours of lecture and 0 credit hours of lab per week.

One (1) Credit hour

This course builds upon the concepts presented in Nursing Pharmacology I. This course focuses on specific therapeutic regimens that are related to the peri-operative experience, maternal/newborn and pediatric experiences.

For each unit of credit, a minimum of three hours per week with one of the hours for class and two hours for studying/preparation outside of class is expected.

Pre-requisite: Pharm I and Nursing Foundations I

III. PROGRAM AND/OR DEPARTMENT MISSION STATEMENT:

The Nursing Program at Seward County Community College prepares competent practical and associate degree nurses to assist in meeting the health care needs of clients by delivering quality wholistic care.

IV. TEXTBOOK AND MATERIALS:

REQUIRED

1. Kee, J., Marshall, S., Forrester, C., Woods, K. (9th Edition, 2021). Clinical Calculations. St. Louis, Missouri: Elsevier.
2. McCuistion, L., Vuljoin Dimaggio, K., Winton, M., Yeager, J. (10th edition, 2021). Pharmacology a patient centered nursing approach. St. Louis, Missouri: Elsevier.
3. Vallerand, A., Sanoski, C., Deglin, J. (17th Edition, 2020). Davis's drug guide for nurses. Philadelphia: F.A. Davis Company.

V. SCCC OUTCOMES

Students who successfully complete this course will demonstrate the ability to do the following SCCC Outcomes.

- 1: Read with comprehension, be critical of what they read, and apply knowledge gained to real life
- 2: Communicate ideas clearly and proficiently in writing, appropriately adjusting content and arrangement for varying audiences, purposes, and situations.
- 3: Communicate their ideas clearly and proficiently in speaking, appropriately adjusting content and arrangement for varying audiences, purposes, and situations.
- 4: Demonstrate mathematical skills using a variety of techniques and technologies.

- 6: Exhibit skills in information and technological literacy

- 9: Exhibit workplace skills that include respect for others, teamwork competence, attendance/punctuality, decision making, conflict resolution, truthfulness/honesty, positive attitude, judgment, and responsibility

VI. COURSE OUTCOMES:

Upon completion of Nursing Pharmacology II, the student will be able to:

1. Demonstrate the knowledge of medications in specific patient populations.
2. Recognize pertinent nursing considerations and actions for specific pharmacological agents and categories.
3. Participate in creating a teaching project focused on target populations.
4. Assess, plan, intervene, and evaluate the effects of medications on specific client populations.
5. Identify current issues that influence medication use today.

VII. COURSE OUTLINE:

Content Outline:

- I. Medications for Women's Health
 - a. Medications to promote fertility
 - b. Birth Control and Hormonal Replacement
 - c. Common Drugs used for Gynecological Problems
- II. Medications for Labor and Delivery
 - a. Pain Management
 - b. Protocols for induction of labor
 - c. Management Peri-Operatively
- III. Medications for Newborn Populations
 - a. Post-Partum Complications
 - b. Perinatal Infection/Transmission and Prevention
 - c. Post-Natal Protocols
- IV. Medications for Pediatric Populations
 - a. Common pediatric medications
 - b. Pediatric and Weight-Based Dosing
 - c. Techniques of Pediatric Medication Administration
- V. Medications for the Cardiac System
 - a. Common Cardiac Health Concerns
 - b. Acute Myocardial Conditions
 - c. Chronic Cardiac Disease Management
- VI. Medications for the Respiratory System
 - a. Common Respiratory Health Concerns
 - b. Acute Respiratory Conditions
 - c. Chronic Respiratory Disease Management
- VII. Medications for Infectious Diseases
 - a. Immunizations
 - b. Anti-Infectives
 - c. Anti-Viral
- VIII. Medications for Fluid & Electrolyte Imbalances
 - a. Common Supplements & Electrolyte Replacements
 - b. Treatment of Acute Imbalances
 - c. Care and Maintenance of Intravenous Access
- IX. Medications for the Genitourinary System
 - a. Promotion of Fluid Elimination
 - b. Management of chronic, acute, and genetic conditions
 - c. Dialysis
- X. Medications for Inflammation & Autoimmune Conditions
 - a. Anti-inflammatories
 - b. Corticosteroids
 - c. Non-Opioid Pain Management
 - d. Immune and Antibody Treatments
- XI. Medications for Hematological Conditions
 - a. Common Hematological Concerns
 - b. Treatment for Acute Hematological Conditions
 - c. Chronic Hematological Condition Management
- XII. Medications for the Neurological System

- a. Common Neurological Concerns
- b. Treatment for Acute Neurological Conditions
- c. Chronic Neurological Condition Management
- XIII. Medications for the Endocrine System
 - a. Hormone Replacement Therapies
 - b. Treatment for Chronic Endocrine Conditions
 - c. Management of Acute Complications
- XIV. Medications for the Gastrointestinal System
 - a. Common Gastrointestinal Conditions
 - b. Treatment for Exacerbation of Common GI Conditions
 - c. Chronic GI Condition Management
- XV. Introduction to Psychiatric Nursing Medications
 - a. Management of Psychosocial Conditions
 - b. Management of Common Mental Health Disorders
 - c. Management of Side Effects and Long-Term Use

VIII. INSTRUCTIONAL METHODS:

Lecture, discussion, demonstration, computer assisted instruction including online assignments, medication computation worksheets; skills laboratory and clinical instruction (including pre and post conference).

IX. INSTRUCTIONAL AND RESOURCE MATERIALS:

Handouts, computer assisted instruction, supplies and equipment used in hospitals and the skills lab settings, selected reference readings

X. METHODS OF ASSESSMENT:

SCCC Outcome #1 will be assessed and measured by class participation, written examinations and written assignments indicating comprehension of material read.

SCCC Outcome #2 will be assessed and measured by writing assignments and by documentation in the clinical areas.

SCCC Outcome # 3 will be assessed through skills lab and clinical interaction

SCCC Outcome #4 will be assessed and measured by written examination and in the clinical areas particularly with medication administration.

SCCC Outcome #6 will be assessed and measured by clinical competencies, testing, and in the skills lab.

SCCC Outcome #9 will be assessed and measured by class and clinical participation, ability to respond to clinical situations, attendance, ability to work as a team member, and overall dependability.

XI. ADA STATEMENT:

Under the Americans with Disabilities Act, Seward County Community College will make reasonable accommodations for students with documented disabilities. If you need support or assistance because of a disability, you may be eligible for academic accommodations. Students should identify themselves to the Dean of Students at 620-417-1106 or going to the Student Success Center in the Hobbie Academic building, room 149 A.