

# Glendale College

## Course Outline of Record Report

Course ID 004312  
Cyclical Review - November 2025

### NS218 : Nursing Pharmacology Review And Update

#### General Information

|   |  |
|---|--|
| Author:                                     | <ul style="list-style-type: none"> <li>Catherine Dudley</li> </ul>   |
| Course Code (CB01) :                        | NS218  |
| Course Title (CB02) :                       | Nursing Pharmacology Review And Update   |
| Department:                                 | NS   |
| Proposal Start:                             | Fall 2026  |
| TOP Code (CB03) :                           | (1230.10) Registered Nursing   |
| CIP Code:                                   | (51.3801) Registered Nursing/Registered Nurse.   |
| SAM Code (CB09) :                           | B - Advanced Occupational  |
| Distance Education Approved:                | Yes  |
| Will this course be taught asynchronously?: | No   |
| Course Control Number (CB00) :              | CCC000298595   |
| Curriculum Committee Approval Date:         | 11/26/2025   |
| Board of Trustees Approval Date:            | 01/13/2026   |
| Last Cyclical Review Date:                  | 11/26/2025   |
| Course Description and Course Note:         | NS 218 strengthens students' understanding of pharmacological therapies for patients with acute and chronic conditions. The course reinforces key pharmacology concepts and emphasizes the nurse's role in the safe and accurate administration of medications. Learning focuses on developing clinical judgment, advocating for patient safety, and providing equitable, culturally responsive care in diverse healthcare settings. |
| Justification:                              | Content Change   |
| Academic Career:                            | <ul style="list-style-type: none"> <li>Credit</li> </ul>   |
| Mode of Delivery:                           | No value   |
| Author:                                     | No value   |
| Course Family:                              | No value   |

#### Academic Senate Discipline

|                       |   |
|-----------------------|---|
| Primary Discipline:   | <ul style="list-style-type: none"> <li>Nursing</li> </ul> |
| Alternate Discipline: | No value  |
| Alternate Discipline: | No value  |

### Course Development

**Basic Skill Status (CB08)**

Course is not a basic skills course.

Allow Students to Gain Credit by Exam/Challenge

**Course Special Class Status (CB13)**

Course is not a special class.

**Pre-Collegiate Level (CB21)**

Not applicable.

**Grading Basis**

- Grade Only

**Course Support Course Status (CB26)**

Course is not a support course

### General Education and C-ID

**General Education Status (CB25)**

Not Applicable

**Transferability**

Not transferable

**Transferability Status**

Not transferable

### Units and Hours

#### Summary

|  |     |
|--|-----|
| <b>Minimum Credit Units (CB07)</b>           | 1.5 |
| <b>Maximum Credit Units (CB06)</b>           | 1.5 |
| <b>Total Course In-Class (Contact) Hours</b> | 27  |
| <b>Total Course Out-of-Class Hours</b>       | 54  |
| <b>Total Student Learning Hours</b>          | 81  |

#### Credit / Non-Credit Options

**Course Type (CB04)**

Credit - Degree Applicable

**Noncredit Course Category (CB22)**

Credit Course.

**Noncredit Special Characteristics**

No Value

**Course Classification Code (CB11)**

Credit Course.

Variable Credit Course

**Funding Agency Category (CB23)**

Not Applicable.

Cooperative Work Experience Education Status (CB10)

#### Weekly Student Hours

|                  | In Class | Out of Class |
|------------------|----------|--------------|
| Lecture Hours    | 1.5      | 3            |
| Laboratory Hours | 0        | 0            |
| Studio Hours     | 0        | 0            |

#### Course Student Hours

|  |    |
|--|----|
| <b>Course Duration (Weeks)</b>         | 18 |
| <b>Hours per unit divisor</b>          | 0  |
| <b>Course In-Class (Contact) Hours</b> |    |
| Lecture                                | 27 |

|              |           |
|--------------|-----------|
| Laboratory   | 0         |
| Studio       | 0         |
| <b>Total</b> | <b>27</b> |

**Course Out-of-Class Hours**

|              |           |
|--------------|-----------|
| Lecture      | 54        |
| Laboratory   | 0         |
| Studio       | 0         |
| <b>Total</b> | <b>54</b> |

**Time Commitment Notes for Students**

No value

**Units and Hours - Weekly Specialty Hours**

| Activity Name | Type     | In Class | Out of Class |
|---------------|----------|----------|--------------|
| No Value      | No Value | No Value | No Value     |

**Prerequisites, Corequisites, Recommended Corequisites, and Recommended Preparation**

**Prerequisite**

Selection for enrollment in the Registered Nursing Program

**Entry Standards**

| Entry Standards  | Description |
|--|-------------|
| Write coherent paragraphs which contain well-constructed sentences for homework and in-class tasks.  | No Value    |
| Employ basic principles of mathematics, such as using ratio/proportion and fractions, solving simple algebraic equations, and converting within the metric system to accurately solve dosage calculation problems. | No Value    |

|  |          |
|--|----------|
| Define medical abbreviations and terminology which pertain to the administration of medications.   | No Value |
| Utilize knowledge of anatomy and physiology and basic chemistry in understanding the pharmacokinetics and pharmacodynamics of medications. | No Value |

| Course Limitations                |             |
|-----------------------------------|-------------|
| Cross Listed or Equivalent Course | Description |
| No value                          | No value    |

| Specifications   |            |
|--|------------|
| <b>Methods of Instruction</b>  |            |
| Methods of Instruction   | Lecture    |
| Methods of Instruction   | Discussion |
| <b>Out of Class Assignments</b>  |            |
| <ul style="list-style-type: none"> <li>• Completion of textbook learning modules</li> <li>• On-line research of selected articles (e.g. high risk medications)</li> <li>• Completion of practice quiz (e.g. dosage calculation)</li> </ul> |            |

| Methods of Evaluation | Description of Activity/Interaction                             |
|-----------------------|---|
| Exam/Quiz/Test        | Medication competency exam                                      |
| Exam/Quiz/Test        | Midterm examination   |
| Exam/Quiz/Test        | Assessing individual work (e.g. completion of learning modules) |
| Exam/Quiz/Test        | Final examination   |

| Textbook Rationale |
|--------------------|
| No Value           |

| Textbooks |       |           |      |      |
|-----------|-------|-----------|------|------|
| Author    | Title | Publisher | Date | ISBN |

|          |          |          |          |          |
|----------|----------|----------|----------|----------|
| No Value | No Value | No Value | No Value | No Value |
|----------|----------|----------|----------|----------|

**Other Instructional Materials (i.e. OER, handouts)**

|                           |  |
|---------------------------|--|
| <b>Description</b>        | Department of Nursing. Nursing Student Handbook (Current edition)          |
| <b>Author</b>             | Glendale: Department of Nursing  |
| <b>Citation</b>           | No value   |
| <b>Online Resource(s)</b> |  |
| <hr/>                     |  |
| <b>Description</b>        | Lippincott CoursePoint+ Enhanced for Karch’s Focus on Nursing Pharmacology |
| <b>Author</b>             | No value   |
| <b>Citation</b>           | No value   |
| <b>Online Resource(s)</b> |  |
| <hr/>                     |  |
| <b>Description</b>        | Lippincott DocuCare. Software Program                                      |
| <b>Author</b>             | No value   |
| <b>Citation</b>           | No value   |
| <b>Online Resource(s)</b> |  |
| <hr/>                     |  |
| <b>Description</b>        | Kaplan Nursing Integrated Testing Program                                  |
| <b>Author</b>             | No value   |
| <b>Citation</b>           | No value   |
| <b>Online Resource(s)</b> |  |

**Learning Outcomes**

|   |
|---|
| <b>Course Objectives</b>  |
| Explain how diverse patient values, beliefs, and attitudes affect health and the plan of care for patients receiving medications.                               |
| Discuss patient safety and risks in the healthcare system as it applies to patients requiring pharmacological management.                                       |
| Analyze evidence-based approaches used in the nursing care for patients receiving medications.  |
| Integrate leadership, accountability, and professional behaviors in the presentation of pharmacological therapies used with acute and chronically ill patients. |

Summarize communication, teamwork, and collaborative techniques used with patients requiring pharmacological management.

Use information technology in the nursing care of patients requiring pharmacological management.

#### SLOs

Apply basic knowledge of pharmacology and the nurse's role in safe medication administration.

Expected Outcome Performance: 70.0

Summarize the rationales for pharmacological therapy for patients with simple acute and chronic medical-surgical problems, as evidenced by a score of 90% or better of the medication competency exam.

Expected Outcome Performance: 70.0

### Additional SLO Information

**Does this proposal include revisions that might improve student attainment of course learning outcomes?**

No

**Is this proposal submitted in response to learning outcomes assessment data?**

No

**If yes was selected in either of the above questions for learning outcomes, explain and attach evidence of discussions about learning outcomes.**

No Value

**SLO Evidence**

No Value

### Course Content

#### Lecture Content

##### General Introduction (1 hour)

- Describe the legal regulations and professional standards that guide safe and ethical nursing practice.
- Identify and utilize credible medication resources to support evidence-based decision-making and patient education
- Use of Information Technology and Credible Nursing Medication Resources

##### Medication Administration (1 hour)

- Apply the nursing process to promote safe, accurate, and patient-centered medication administration.
- Demonstrate dosage calculation skills and verify medication accuracy to prevent errors.
- Examine strategies for preventing medication errors and promoting reliability in nursing practice.
- Discuss the importance of recognizing and reporting sentinel events to enhance patient safety and quality improvement.

##### Drugs Used to Treat Health Problems Related to (21 hours)

- Physiologic Needs for Stimulation
- Physiologic Needs for Survival
- Pain Avoidance and Comfort Needs
- Body Integrity Needs
  - Inflammation
  - Infection
- Autonomic nervous system function
- Neuromuscular and neurological function
- Cognitive and Perceptual Needs

- Rest and Activity Needs
- Oxygenation Needs
- Perfusion Needs
- Elimination, Nutrition, and Hydration Needs

#### **Cultural Aspects of Care and Medication Administration (2 hours)**

- Discuss how cultural background, lived experience, and trauma influence a patient's response to medications and care.
- Evaluate pharmacologic and non-pharmacologic strategies that promote comfort and healing while honoring individual expressions of pain and distress.
- Recognize disparities in treatment, particularly for women of color, especially Black women, whose symptoms or pain may be underestimated or undertreated.
- Identify cultural variations in pain and emotional expression, including stoicism or limited outward signs of discomfort.
- Explain how stigma, mistrust, and previous trauma can influence engagement in mental health or medication therapy.
- Use culturally responsive and trauma-informed communication to build trust, validate experiences, and support shared decision-making.

#### **Other Uncategorized Agents (2 hours)**

- Identify additional pharmacologic classifications and emerging therapies relevant to nursing practice.
- Discuss safety, dosage considerations, and patient education strategies for these medications.

**Total hours: 27**

### **Additional Information**

#### **Repeatability**

Not Repeatable

#### **Justification (if repeatable was chosen above)**

No Value

#### **Is it possible this course will have a material fee?**

Yes

#### **I have contacted my library liaison (<https://campusguides.glendale.edu/faculty/liasons>):**

Yes

#### **What term(s) will this course be offered?**

Winter

#### **Will any additional resources be needed for this course? (Click all that apply)**

- New Equipment

#### **If additional resources are needed, add a brief description and cost in the box provided.**

No Value

### **Resources**

**Did you contact your departmental library liaison?**

Yes

**If yes, who is your departmental library liason?**

Susie Chin (Biology, English, Health Sciences)

**Did you contact the DEIA liaison?**

Yes

**Were there any DEIA changes made to this outline?**

Yes

**If yes, in what areas were these changes made:**

- Course Description
- Course Content

**Will any additional resources be needed for this course? (Click all that apply)**

- No

**If additional resources are needed, add a brief description and cost in the box provided.**

No Value