1. **COURSE TITLE\*:** Pharmacology
2. **CATALOG – PREFIX/COURSE NUMBER/COURSE SECTION\*:** NRSG 1300
3. **PREREQUISITE(S)\*:** BIOL 1510, BIOL 1511, MATH 1135, NRSG 1200, and NRSG 1500

**COREQUISITE(S)\*:** BIOL 1520, BIOL 1521, ENGL 1101, NRSG 1600, and PSYC 1111

1. **COURSE TIME/LOCATION/MODALITY: (*Course Syllabus – Individual Instructor Specific*)**
2. **CREDIT HOURS\*:** 2 **LECTURE HOURS\*:** 2 (25 clock hours)

**LABORATORY HOURS\*:** 0  **OBSERVATION HOURS\*:** 0

**CLINICAL HOURS:** 0 **TOTAL LAB/CLINICAL HOURS:** 0

1. **FACULTY CONTACT INFORMATION: *(Course Syllabus – Individual Instructor Specific)***
2. **COURSE DESCRIPTION\*:**

This course promotes the development of basic pharmacologic principles across the lifespan, with an emphasis on clinical application and decision making in nursing practice.

1. **LEARNING OUTCOMES\*:**

The learner will:

1. Consider individual beliefs of patients, including cultural, spiritual, and values.
2. Recognize the importance of nursing’s contributions as leaders in practice and policy issues.
3. Demonstrate understanding of the professional roles of nursing, safe-guarding privacy, confidentiality and autonomy.
4. Demonstrate an understanding of critical thinking, the nursing process and basic elements of research.
5. Describe the factors that create a culture of safety.
6. Identify the variety of information and communication technologies used in care settings.
7. Identify the variety of professional communication techniques used in care setting to support teamwork and collaboration.
8. Determine the impact of health disparities and social determinants on pharmacological outcomes.
9. **ADOPTED TEXT(S)\*:**

Lilley, L.L., Collins, S.R., & Snyder, J.S. (2023). Pharmacology and the nursing process, (10th), St. Louis: Mosby/Elsevier. ISBN: 9780323827973

(Included in program package if purchased previously)

**9a: SUPPLEMENTAL TEXTS APPROVED BY FULL TIME DEPARTMENTAL FACULTY (INSTRUCTOR MUST NOTIFY THE BOOKSTORE BEFORE THE TEXTBOOK ORDERING DEADLINE DATE PRIOR TO ADOPTION) \*\*\*.**

1. **OTHER REQUIRED MATERIALS: (SEE APPENDIX C FOR TECHNOLOGY REQUEST FORM)\*\***

Required learning resources from program eBook package may be utilized. Elsevier’s Nursing Concepts Online 2.0. Desktop, laptop, or tablet running Windows 7 or later or Mac OSX 10.8 or later. Not all required software/online resources will work with Android or iOS. High speed internet must be accessible.

1. **GRADING SCALE\*\*\*:**

To satisfactorily complete this course, the student must achieve a grade of C or above

according to the following system:

93 – 100 = A

85 – 92.99 = B

80 – 84.99 = C

72 – 79.99 = D

0 – 71.99 = F

1. **GRADING PROCEDURES OR ASSESSMENTS: (*Course Syllabus – Individual Instructor Specific)***

Knowledge is evaluated through performance evaluation of student’s ability to meet objectives related to the lecture component of course. Students will be informed of the specific evaluation tool and their respective values on the first day of class.

Standardized testing will be completed per policy.

Remediation is required if a score of 79 or lower is obtained on any unit exam. The student must meet with the instructor after an unsuccessful exam and an individual remediation plan will be determined at that time. Remediation must be completed before taking the next unit exam.

|  |  |  |
| --- | --- | --- |
| *Category* | ***EXAMPLE ONLY***  *Total Points* | *% of Grade* |
| Exams  (5x14) | 700 | 70% |
| Final Exam  (1x30) | 300 | 30% |
| Total | 1000 | 100% |

1. **COURSE METHODOLOGY: *(Course Syllabus – Individual Instructor Specific)***

Concept based education featuring exemplars to demonstrate concepts, reinforced with lecture, discussion, group activities, assignments, critical thinking exercises, and course examinations to optimize student learning.

**14. COURSE OUTLINE: *(Course Syllabus – Individual Instructor Specific)***

***(Insert sample course outline with learning outcomes tied to assignments / topics.)***

The instructor will incorporate the following concepts related to professional nursing practice throughout the course:

| **WEEKS** | **CONTENT** | **LEARNING OUTCOME#** |
| --- | --- | --- |
| 1 | Pharmacology Basics, Safety (Medication Errors) | 1, 3, 4, 5, 6, 8 |
| 2 | Intracranial regulation, Mood/Affect, Cognition | 3, 4, 5, 6 |
| 3 | Gas Exchange, Acid-base balance, Patient Education | 1, 3, 4, 5, 6, 7 |
| 4 | Perfusion, Health Promotion | 1, 2, 3, 4, 5, 6, 7, 8 |
| 5 | Perfusion, Fluid Electrolytes | 3, 4, 5, 6 |
| 6 | Glucose and Hormonal Regulation, Adherence, Patient Education | 1, 3, 4, 5, 6, 7 |
| 7 | Glucose and Hormonal Regulation, Self-management | 1, 3, 4, 5, 6, 7 |
| 8 | Ethics, Legal, Culture | 1, 3, 4, 5, 6 |
| 9 | Elimination – Bowel | 3, 4, 5, 6 |
| 10 | Elimination – Bladder | 3, 4, 5, 6 |
| 11 | Infection, Tissue Integrity | 3,4,5,6 |
| 12 | Inflammation, Mobility | 3, 4, 5, 6 |
| 13 | Pain | 1,3,4,5,6, 2, 3, 4 |
| 14 | Immunity, Cellular Regulation, Health Promotion 1-8 | 1, 2, 3, 4, 5, 6, 7, 8 |
| 15 | OTC, Herbal | 1,3,4,5,6 |

**15. SPECIFIC MANAGEMENT REQUIREMENTS\*\*\*:** None

**16. FERPA: \***

Students need to understand that your work may be seen by others. Others may see your work when being distributed, during group project work, or if it is chosen for demonstration purposes. Students also need to know that there is a strong possibility that your work may be submitted to other entities for the purpose of plagiarism checks.

**17. ACCOMMODATIONS: \***

Students requesting accommodations may contact the Academic Affairs office administrative assistant, Barb Fleming, at bfleming@sscc.edu or 937-393-3431 X-2620.

Students seeking a religious accommodation for absences permitted under Ohio’s Testing Your Faith Act must provide the instructor and the Academic Affairs office with written notice of the specific dates for which the student requires an accommodation and must do so no later than fourteen (14) days after the first day of instruction or fourteen (14) days before the dates of absence, whichever comes first.  For more information about Religious Accommodations, see the full policy at <https://www.sscc.edu/services/accessibility-services.shtml#religious-accommodations>

or contact the Academic Affairs office administrative assistant, Barb Fleming, at [bfleming@sscc.edu](mailto:bfleming@sscc.edu) or 937-393-3431 X-2620.

**18. OTHER INFORMATION\*\*\*:**

**SYLLABUS TEMPLATE KEY**

**\*** Item cannot be altered from that which is included in the master syllabus approved by the Curriculum Committee.

**\*\*** Any alteration or addition must be approved by the Curriculum Committee

**\*\*\*** Item should begin with language as approved in the master syllabus but may be added to at the discretion of the faculty member.