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

**COREQUISITE(S)\*:** BIOL 1520, BIOL 1521, and PRAC 1600

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 introduces the nursing student to the pharmacologic practice of the licensed practical nurse.

1. **LEARNING OUTCOMES\*:**

The learner will:

 1. Describe the licensed practical nurse’s role related to pharmacotherapeutics in diverse populations across the lifespan.

 2. Discuss safety issues and minimizing risk potential associated with pharmacotherapeutics.

 3. Utilize evidence-based information integrating pharmacologic and pathophysiologic concepts.

 4. Describe healthcare system protocols related to pharmacotherapeutics.

 5. Discuss informatics systems related to pharmacotherapeutics.

 6. Describe pharmacokinetics, pharmacodynamics, and pharmacotherapeutics of selected drug classes.

1. **ADOPTED TEXT(S)\*:**

 Lilley, L.L. & Collins, S.R. (2023). *Pharmacology and the nursing process*, (10th), St. Louis: Mosby/Elsevier. ISBN: 9780323827997

 (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.

|  |  |  |
| --- | --- | --- |
| *Category* | ***EXAMPLE ONLY****Total Points* | *% of Grade* |
| Chapter Assignments (10x30) | 300 | 30% |
| Quizzes (10x20) | 200 | 20% |
| Unit Exams (3x100) | 300 | 30% |
| Assignments (5x10) | 50 | 5% |
| Annual Report Project (100) | 100 | 10% |
| Attendance | 50 | 5% |
| 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 objectives tied to assignments / topics.)***

The instructor will incorporate the following topics and concepts related to practice of the licensed practical nurse throughout the course:

|  |  |  |
| --- | --- | --- |
| **WEEKS** | **TOPIC/CONCEPT** | **LEARNING OUTCOME #** |
| 1 | The Nursing Process and Drug Therapy | 1, 2, 3, 6 |
| 1 | Pharmacologic Principles | 1, 2, 3, 6 |
| 1 | Cultural, Legal, and Ethical Considerations | 1, 2 |
| 1 | Medication Errors | 1, 2, 3, 4, 5 |
| 2, 3 | Intracranial Regulation | 1, 2, 3, 5, 6 |
| 4 | Patient Education and Drug Therapy | 1, 2, 3 |
| 4 | Over-the-Counter Drugs and Herbal & Dietary Supplements | 1, 2, 3, 4 |
| 4 | Pain  | 1, 2, 3  |
| 5, 6 | Perfusion | 1, 2, 3, 6 |
| 7 | Hormonal and Glucose Regulation | 1, 2, 3, 6 |
| 8 | Gas Exchange | 1, 2, 3 |
| 8 | Inflammation | 1, 2, 3, 6 |
| 9 | Infection | 1, 3 |
| 10 | Lifespan Considerations | 1, 2, 3 |
| 10 | Elimination | 1, 2, 3 |
| Exams will occur at times announced by faculty. |

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

**16. FERPA: \***

Students need to understand that their 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 Ryan Hall, Accessibility Coordinator at rhall21@sscc.edu or 937-393-3431, X 2604.

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, contact Ryan Hall, Accessibility Coordinator at rhall21@sscc.edu or 937-393-3431 X 2604.

**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.