1. **COURSE TITLE\*:** Pathophysiology
2. **CATALOG – PREFIX/COURSE NUMBER/COURSE SECTION\*:** PRAC 1200
3. **PREREQUISITE(S)\*:** Acceptance into the Practical Nursing Program

**COREQUISITE(S)\*:** BIOL 1510, MATH 1135, and PRAC 1500

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 addresses the pathophysiology of selected disorders across the lifespan and the nursing implications of this knowledge.

1. **LEARNING OUTCOMES\*:**

The learner will:

1. Describe the physiology, etiology, pathogenesis, and clinical manifestations of common altered health states across the lifespan.

2. Understand the basis for applicable laboratory tests and diagnostic procedures.

3. Recognize current evidence-based knowledge regarding the pathophysiology and management of selected conditions.

4. Describe the impact of pathophysiology-based knowledge on nursing practice.

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

Giddens, J.F. (2025). *Concepts for Nursing Practice*, (4th), St. Louis: Mosby/Elsevier. ISBN: 9780323809825

Ignatavicius, D.D., & Workman, M.L. (2023). *Medical-surgical nursing: Concepts for interprofessional collaborative care* (11h), St. Louis: Elsevier. ISBN: 9780323931274

Potter, P.A., Perry, A.G., Stockert, P.A. & Hall, A.M. (2023). *Fundamentals of nursing* (11th), St. Louis: Elsevier/Mosby. ISBN: 9780323812160 (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* |
| Assignments | 200 | 20% |
| Participation | 200 | 20% |
| Exams | 600 | 60% |
| 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.)***

| **WEEKS** | **CONTENT – TOPIC/CONCEPT** | **LEARNING OUTCOME#** |
| --- | --- | --- |
| 1 | Intro to Pathophysiology | 1, 4 |
| 2 | Infection | 1, 2, 3, 4 |
| 3 | Inflammation and Immunity | 1, 2, 3, 4 |
| 4, 5 | Fluid and Electrolytes | 1, 2, 3, 4 |
| 6, 7 | Acid-Base Balance | 1, 2, 3, 4 |
| 8, 9, 10 | Perfusion | 1, 2, 3, 4 |
| 11, 12, 13 | Gas Exchange | 1, 2, 3, 4 |
| 14, 15 | Glucose Regulation | 1, 2, 3, 4 |

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

**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\*\*\*:**

SSCC is committed to providing educational opportunities that promote academic, professional, and personal growth. All students should act with personal integrity, respect other students’ dignity, rights and property, and help create and maintain an environment in which all can succeed through the fruits of their efforts.

Dishonesty will not be tolerated in this course. This includes, but is not limited to, cheating, plagiarizing, fabricating information or citations, facilitating acts of academic dishonesty by others, having unauthorized possession of examinations or exam questions, submitting work of another person or work previously used without informing the instructor, or tampering with the academic work of other students. Students who are found to be dishonest will receive academic sanctions, such as a “0” grade on the assignment, exam, and/or an “F” in the course.

Also, all events of academic misconduct will be referred to the Dean of Health Sciences for further review and identification of disciplinary action warranted. Additional review and action by the Vice President of Academic & Student Affairs may be required.

Additional information regarding misconduct is located in the Nursing Handbook and the SSCC Academic Catalog.

**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.