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

**COREQUISITE(S)\*:** BIOL 1510, MATH 1135, and NRSG 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 provides a foundational study of pathological processes and their effect on homeostasis across the lifespan. Using a concept-based approach, normal physiological processes, variations from normal, risk factors, assessment findings, and diagnostic tests will be explored in relation to nursing practice.

1. **LEARNING OUTCOMES\*:**

The learner will:

1. Define the basic terminology related to pathophysiology.
2. Describe the general physiological processes used by the body to maintain homeostasis.
3. Analyze diagnostic tests used in assessing common diseases and disorders.
4. Discuss the utilization of the pathophysiological information in nursing practice.
5. Apply current, evidence-based knowledge regarding the pathophysiology of common diseases and disorders.
6. **ADOPTED TEXT(S)\*:**

Ignatavicius, Sherpath Vantage, (2025). *Medical-surgical nursing:* (11th),

St. Louis: Elsevier. ISBN: 9780443269998

Potter, Sherpath Vantage, (2026). *Fundamentals of nursing* (12th),

St. Louis: Elsevier. ISBN: 9780443347900

(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* |
| Quizzes  (5x5) | 250 | 25% |
| Essays  (2x10) | 200 | 20% |
| Discussions  (6x5) | 300 | 30% |
| Bioethics Paper Presentation | 100 | 10% |
| PowerPoint Presentation | 150 | 15% |
| 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 concepts related to professional nursing practice throughout the course:

|  |  |  |
| --- | --- | --- |
| **WEEKS** | **TOPIC/CONCEPT** | **COURSE OBJECTIVE #** |
| 1 | Intro to Pathophysiology | 1, 4 |
| 2 | Infection | 2, 3, 4, 5 |
| 3 | Inflammation and Immunity | 2, 3, 4, 5 |
| 4, 5 | Fluid and Electrolytes | 2, 3, 4, 5 |
| 6, 7 | Acid-Base Balance | 2, 3, 4, 5 |
| 8, 9, 10 | Perfusion | 2, 3, 4, 5 |
| 11, 12 | Gas Exchange | 2, 3, 4, 5 |
| 13 | Glucose Regulation | 2, 3, 4, 5 |
| 14 | No class |  |
| 15 | Glucose Regulation (continued) | 2, 3, 4, 5 |

1. **SPECIFIC MANAGEMENT REQUIREMENTS\*\*\*:**

This course requires you to take a remotely proctored examination, during which you may be required to briefly show your surroundings using your web camera (a “room scan”), wherever you choose to take the exam. You will not be permitted to take remotely proctored examinations in your home/residence unless you are willing to conduct a room scan. By choosing to take the exam in your home/residence, you are consenting to the room scan of the area where you take the exam.

If you do not wish to have your home/residence subject to the room scan, you may take the exam from another location where you won’t be interrupted including: campus libraries, computer labs, study rooms. The room scan will only be visible to SSCC officials with a legitimate need to review the video. Other students will not be able to see your room scan. To request alternate accommodations please contact your instructor at bfugate@sscc.edu by two weeks prior to the exam date. For Accessibility accommodations please contact Barb Fleming (bfleming@sscc.edu).

**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.