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|  | School of Health, Education and Human Services |
| | NURS 1103 |
| | Pathophysiology |
| | Term: Winter 2024 |
| | Number of Credits: 3 |
| Course Outline | |

INSTRUCTOR: Liris Smith
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COURSE DESCRIPTION

The knowledge of anatomy and physiology is related to the causes, treatment, and usual courses of illness. Learners are provided with a body systems approach to common health care issues, focusing on physiological changes that occur with alterations in biological health.

REQUISITES

Completion of all of the following

Earn a minimum grade of C in each of the following courses

ANAT1101 - Anatomy And Physiology (6)

COMM1101 - Interpersonal Relationships And Communication Skills (3)

ENGL1201 - English Composition (3)

NURS1101 - Nursing Arts (3)

Earn a minimum grade of B in each of the following courses

NURS1202 - Nursing Foundations 1 (3)

Earn a minimum grade of B+ in each of the following courses

NURS1301 - Mathematical Principles of Medication Administration (3)

EQUIVALENCY OR TRANSFERABILITY

Receiving institutions determine course transferability. Find further information at:

<https://www.yukonu.ca/admissions/transfer-credit>

COURSE LEARNING OUTCOMES

Upon successful completion of the course, students will be able to:

- 1: Analyze the effects of disease processes on specific body systems from a pathophysiological perspective
- 2: Discuss the etiology, clinical manifestations, tests and treatments of

common disorders in the major body systems 2, 3, 4, 5, 6, 9
3: Apply the Conceptual Framework to alterations in health

ASSESSMENT

| Assessment | Weight |
|-------------------|--------|
| Learning Activity | 10% |
| Exam 1 | 30% |
| Exam 2 | 30% |
| Exam 3 | 30% |

Important: For details on each assessment, please see the Course Offering Information.

A minimum grade of D is required to pass this course. However, a program may require a higher grade in this course to progress in the program or to meet specific program completion requirements.

An overall minimum final mark for this course must be **64%, letter grade C, grade point value of 2.0** to pass this course.

Please consult with the program area or contact the program chair for further details. A minimum Grade Point Average of 2.0 is required for graduation.

Delivery FORMAT

This course will be delivered in a blended format. Students will be required to attend face-to-face sessions on-campus (over 50% of the course) and complete an assortment of synchronous and asynchronous online activities.

Weekly breakdown of instructional hours

This class will have 6 hours of instruction per week, with course completion at end of March 2025. Class will include primarily lecture format, with some practical and lab activities, as well as online learning activities and posted videos. Students will be expected to do textbook reading on their own time. It is important to note that the time required will vary by individual.

TOPIC OUTLINE

**Course schedule subject to change, depending on delivery mode and term of study. For exact dates, please consult the Course Offering Information and other course documents in Moodle.*

| HOURS/WEEK | MODULE |
|------------|---------------------------------------|
| Hours 1.5 | Introduction to Pathophysiology |
| Hours 1.5 | Inflammation and Healing |
| Hours 3 | Neoplasms and Pain |
| Hours 3 | Fluid and Electrolyte Disorders |
| Hours 6 | Cardiovascular System Disorders |
| Hours 3 | Respiratory System Disorders |
| Hours 6 | Nervous System Disorders |
| Hours 3 | Endocrine System Disorders |
| Hours 3 | Gastrointestinal System Disorders |
| Hours 3 | Infection and Microbiology |
| Hours 1.5 | Immune Process |
| Hours 3 | Urinary System Disorders |
| Hours 3 | Musculoskeletal System Disorders |
| Hours 1.5 | Integumentary System Disorders |
| Hours 3 | Hematological and Lymphatic Disorders |

COURSE WITHDRAWAL INFORMATION

Refer to the YukonU website for important dates.

Required TEXTBOOKS & LEARNING MATERIALS

VanMeter, K. C., & Hubert, R. J. (2022). Gould's pathophysiology for the health professions (7th ed.). Elsevier.

Additional learning resources may be found in the Course Offering Information or in Moodle

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ACADEMIC INTEGRITY

Students are expected to contribute toward a positive and supportive environment and are required to conduct themselves in a responsible manner. Academic misconduct includes all forms of academic dishonesty such as cheating, plagiarism, fabrication, fraud, deceit, using the work of others without their permission, aiding other students in committing academic offences, misrepresenting academic assignments prepared by others as one's own, or any other forms of academic dishonesty including falsification of any information on any Yukon University document.

Please refer to Academic Regulations & Procedures for further details about academic standing and student rights and responsibilities.

ACCESSIBILITY AND ACADEMIC ACCOMMODATION

Yukon University is committed to providing a positive, supportive, and barrier-free academic environment for all its students. Students experiencing barriers to full participation due to a visible or hidden disability (including hearing, vision, mobility, learning disability, mental health, chronic or temporary medical condition), should contact [Accessibility Services](#) for resources or to arrange academic accommodations: access@yukonu.ca.

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