

<b>BOW VALLEY COLLEGE</b>	<b>School of Health, Education and Human Services</b>
	<b>NURS 1103</b>
	<b>Pathophysiology</b>
<b>YUKON UNIVERSITY</b>	<b>Term: Winter 2023</b>
	<b>Number of Credits: 3</b>
<b>Course Outline</b>	

**INSTRUCTOR: Liris Smith**  
**E-MAIL: lsmith@yukonu.ca**

### **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.

### **COURSE REQUIREMENTS**

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)

**EQUIVALENTS** None

### **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
- 3: Apply the Conceptual Framework to alterations in health

## ASSESSMENT

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

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

All assessed elements must be completed in order to pass the course. Unless there is a prior agreement with the instructor, late assignments will subject to a deduction of 5% of the grade for every day late. Instructors are not required to accept late assignments if no extension has been granted.

## COURSE FORMAT

### Weekly breakdown of instructional hours

There will be an alternating schedule of 3 instructional hours one week, and 6 hours on alternate weeks. (please see class schedule for details). 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.

### 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.

## COURSE WITHDRAWAL INFORMATION

Refer to the YukonU website for important dates.

## 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

## **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](mailto:access@yukonu.ca).

## **TOPIC OUTLINE**

### WEEK/HOURS MODULES

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

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