



COURSE OUTLINE

NURS 1103 **PATHOPHYSIOLOGY**

3 CREDITS

PREPARED BY: Sue Starks, Instructor/Coordinator Practical Nurse Program

DATE: October 31, 2020

APPROVED BY: Name, Title

DATE: Click or tap to enter a date

APPROVED BY SENATE: Click or tap to enter a date

RENEWED BY SENATE: Click or tap to enter a date

**APPLIED ARTS DIVISION
NURS 1102
Pathophysiology
3 Credits
Winter, 2021**

Care has been taken to obtain copyright permission to reproduce this material. Any information that will enable Bow Valley College to obtain copyright clearance for any material not acknowledged would gladly be received by:

Bow Valley College
345 6th Avenue SE
Calgary AB T2G 4V1
Attn: Copyright Officer
email: copyright@bowvalleycollege.ca

© Bow Valley College

PATHOPHYSIOLOGY

INSTRUCTOR: Liris Smith
OFFICE LOCATION:
E-MAIL: sstarks@yukonu.ca
TELEPHONE:

OFFICE HOURS: TBA
CLASSROOM:
TIME: 09-12 Tuesdays
DATES: Jan 5 – April 20, 2021

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.

PREREQUISITES

ENGL100 Academic Writing and Critical Thinking
ELCC 125 Interpersonal Relationships and Communication Skills
ANAT1101 Anatomy and Physiology
NURS1101 Nursing Arts
NURS1202 Nursing Foundation 1
NURS1301 Mathematical Principles of Medication Administration

CO-REQUISITES

NURS 1102 Applied Pharmacology

RELATED COURSE REQUIREMENTS

It is highly recommended that all students have access to a computer or other device and Internet to do their studies. The minimum specifications for a student device are as follows:

Requirement	Windows-based PC	Apple Mac/macOS-based PC
Operating System	Windows 10	macOS X
Web Browser	Firefox, Edge or Google Chrome	Firefox, Edge or Google Chrome
RAM/Memory	4 GB	4 GB
Storage	5 GB of available space	5 GB of available space

EQUIVALENCY OR TRANSFERABILITY

See Bow Valley College transferability information @ <https://bowvalleycollege.ca/student-resources/academic-services/transfer-credits>.

LEARNING OUTCOMES

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

- Analyze the effects of disease processes on specific body systems from a pathophysiological perspective
- Discuss the etiology, clinical manifestations, tests and treatments of common disorders in the major body systems
- Apply the Conceptual Framework to alterations in health

COURSE FORMAT

This course will include a total of 45 hours of on-line learning, videoconference classes, and exams. A combination of synchronous (virtual real-time class meetings through Zoom) and asynchronous (web-based via Moodle) learning activities are provided. Learning activities may include but are not limited to facilitator-led learning, projects, and on-line exercises.

ASSESSMENTS

COURSE LEARNING OUTCOME(S)	ASSESSMENT	WEIGHT
1, 2, 3	Learning Activity	10%
1, 2, 3	Exam 1	30%
1, 2, 3	Exam 2	30%
1, 2,, 3	Exam 3	30%

Important: For details on each assignment and exam, please see your Course Offering Information.

A minimum grade of D is required to pass this course. However, your program may require a higher grade in this course for you to progress in the program or to meet your 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 your program area or contact your program chair for further details.

A minimum Grade Point Average of 2.0 is required for graduation.

GRADE	PERCENTAGE	GRADE POINT	DESCRIPTION
A+	95-100	4.0	Exceptional: superior knowledge of subject matter
A	90-94	4.0	Excellent: outstanding knowledge of subject matter
A-	85-89	3.67	
B+	80-84	3.33	
B	75-79	3.0	Very Good: knowledge of subject matter generally mastered
B-	70-74	2.67	
C+	67-69	2.33	
C	64-66	2.0	Satisfactory/Acceptable: knowledge of subject matter adequately mastered
C-	60-63	1.67	
D+	57-59	1.33	
D	50-56	1.0	Minimal Pass
F	Less than 50	0.0	Fail: an unsatisfactory performance

REQUIRED TEXTBOOKS AND MATERIAL

VanMeter, K. C., & Hubert, R. J. (2018). *Gould's pathophysiology for the health professions* (6th ed.). Elsevier

ACADEMIC AND STUDENT CONDUCT

Information on academic standing and student rights and responsibilities can be found in the current Academic Regulations that are posted on the Student Services/ Admissions & Registration web page.

PLAGIARISM

Plagiarism is a serious academic offence. Plagiarism occurs when a student submits work for credit that includes the words, ideas, or data of others, without citing the source from which the material is taken. Plagiarism can be the deliberate use of a whole piece of work, but more frequently it occurs when students fail to acknowledge and document sources from which they have taken material according to an accepted manuscript style (e.g., APA, CSE, MLA, etc.). Students may use sources which are public domain or licensed under Creative Commons; however, academic documentation standards must still be followed. Except with explicit permission of the instructor, resubmitting work which has previously received credit is also considered plagiarism. Students who plagiarize material for assignments will receive a mark of zero (F) on the assignment and may fail the course. Plagiarism may also result in dismissal from a program of study or the University.

YUKON FIRST NATIONS CORE COMPETENCY

Yukon University recognizes that a greater understanding and awareness of Yukon First Nations history, culture and journey towards self-determination will help to build positive relationships among all Yukon citizens. As a result, to graduate from ANY Yukon University program, you will be required to achieve core competency in knowledge of Yukon First Nations. For details, please see www.yukonu.ca/yfnccr.

ACADEMIC ACCOMMODATION

Reasonable accommodations are available for students requiring an academic accommodation to fully participate in this class. These accommodations are available for students with a documented disability, chronic condition or any other grounds specified in section 8.0 of the Yukon University Academic Regulations (available on the Yukon University website). It is the student's responsibility to seek these accommodations. If a student requires an academic accommodation, he/she should contact the Learning Assistance Centre (LAC): lac@yukonu.ca.

TOPIC OUTLINE

Introduction to Pathophysiology
Inflammation and Healing
Neoplasms and Pain
Fluid and Electrolyte Disorders
Cardiovascular System Disorders
Respiratory System Disorders
Nervous System Disorders
Endocrine System Disorders
Endocrine System Disorders
Gastrointestinal System Disorders
Infection and Immunity
Immune Process
Urinary System Disorders
Musculoskeletal System Disorders
Integumentary System Disorders
Blood and Lymphatic Disorders
