



COURSE OUTLINE



NURS 1103

Pathophysiology

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NURS1103 Pathophysiology

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	ENGL1201 English Composition; COMM1101 Interpersonal Relationships and Communication Skills; ANAT1101 Anatomy and Physiology; NURS1101 Nursing Arts; NURS1202 Nursing Foundation 1; NURS1301 Mathematical Principles of Medication Administration;	
CO-REQUISITES	NURS1102 Applied Pharmacology	
EQUIVALENTS	<input checked="" type="checkbox"/>	N/A
ANTI-REQUISITES	<input checked="" type="checkbox"/>	N/A
CREDITS	3	
HOURS	45	

PRIOR LEARNING ASSESSMENT AND RECOGNITION (PLAR)

Is this course eligible for PLAR? Yes No
 This option is available only through Bow Valley College

TOPICS COVERED

Introduction to Pathophysiology	Endocrine System Disorders
Inflammation and Healing	Gastrointestinal System Disorders
Neoplasms and Pain	Infection and Microbiology
Fluid and Electrolyte Disorders	Immune Process
Cardiovascular System Disorders	Urinary System Disorders
Respiratory System Disorders	Musculoskeletal System Disorders
Nervous System Disorders	Integumentary System Disorders
Reproductive System Disorders	Sensory System Disorders
Substance Abuse	Hematological and Lymphatic Disorders

LEARNING OUTCOMES

UPON SUCCESSFUL COMPLETION OF THIS COURSE
YOU WILL BE ABLE TO:

COLLEGE-WIDE
OUTCOMES SUPPORTED¹

1	Analyze the effects of disease processes on specific body systems from a pathophysiological perspective	2, 7
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	1, 2, 3, 6, 8, 9

PERFORMANCE EVALUATION

COURSE LEARNING OUTCOME	ASSESSMENT STRATEGY	WEIGHT
1, 2, 3	Exam 1	20%
1, 2, 3	Exam 2	20%
1, 2, 3	Learning activities	30%
1,2,3	Final Exam	30%
Total		100%

No single assessment to exceed a value of 40%

REQUIRED LEARNING RESOURCES

VanMeter, Karin, C., & Hubert, Robert, J. (2018) *Gould's Pathophysiology for the health professions (6th ed.)*. Philadelphia: Saunders Elsevier. (or current edition)

Pearson Education Canada. (2013). *Fundamentals of Canadian nursing: concepts, process and practice web resource*.

Retrieved from: <http://www.pearsoned.ca/highered/mynursinglab>
(login information included with textbook)

ADDITIONAL LEARNING RESOURCES

N/A

GRADING SCHEME

GRADE	PERCENTAGE	GRADE POINT	DESCRIPTION
A+	95-100	4.0	Exceptional
A	90-94	4.0	
A-	85-89	3.67	Excellent
B+	80-84	3.33	
B	75-79	3.0	
B-	70-74	2.67	Good
C+	67-69	2.33	
C	64-66	2.0	
C-	60-63	1.67	Satisfactory
D+	57-59	1.33	
D	50-56	1.0	Minimal Pass
F	0-49	0.0	Fail

A Grade Point Average of 2.0 is required for graduation.

A minimum grade of D / 50% is required to pass this course. However, your program may require a higher grade in this course for you to progress in the program and to graduate. Please refer to your individual Program Content Guide or contact your program coordinator for further details.

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

Bow Valley College-Wide Outcomes:

1. Communication
2. Thinking Skills
3. Numeracy and Financial Literacy
4. Working with Others
5. Digital Literacy
6. Positive Attitudes and Behaviours
7. Continuous Learning
8. Health and Wellness Awareness
9. Citizenship and Intercultural Competence
10. Environmental Sustainability

ACADEMIC ACCOMMODATIONS

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 College

Academic Regulations (available on the Yukon College 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) at (867) 668-8785 or https://www.yukoncollege.yk.ca/student_info/pages/learning_assistance_centre

ACADEMIC AND STUDENT CONDUCT

Plagiarism is a serious academic offence. Plagiarism occurs when students present the words of someone else as their own. Plagiarism can be the deliberate use of a whole piece of another person's writing, but more frequently it occurs when students fail to acknowledge and document sources from which they have taken material. Whenever the words, research or ideas of others are directly quoted or paraphrased, they must be documented according to an accepted manuscript style (e.g., APA, CSE, MLA, etc.). Resubmitting a paper 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 of the College.

YUKON FIRST NATION CORE COMPETENCY

Yukon College 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 College program, you will be required to achieve core competency in knowledge of Yukon First Nations. For details, please see www.yukoncollege.yk.ca/yfnccr.

ACADEMIC SUPPORT CENTRE AND LORENE ROBERTSON WRITING CENTRE

All students are encouraged to make the Writing Centre a regular part of the writing process for coursework. Located in C2231 (adjacent to College Library), the Writing Centre offers half-hour writing coaching sessions to students of all writing abilities. Coaching sessions are available in person and through distance technologies (e.g., email plus Skype or phone). For further information or to book an appointment, visit the Centre's website: http://www.yukoncollege.yk.ca/student_info/pages/academic_support_centre
