

APPLIED ARTS DIVISION  
Health, Education, and Human Services  
Winter, 2017



**COURSE OUTLINE**

**NURS 1103**

**PATHOPHYSIOLOGY**

**45 HOURS  
3 CREDITS**

PREPARED BY: Cathy Bradbury

DATE: 26 September, 2016

APPROVED BY: Andrew Richardson, Dean

DATE:

APPROVED BY ACADEMIC COUNCIL: (DATE)

RENEWED BY ACADEMIC COUNCIL: (DATE)

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## PATHOPHYSIOLOGY

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**INSTRUCTOR:** Dawn Lammer

**OFFICE HOURS:** by appointment

**OFFICE LOCATION:** C1315

**CLASSROOM:**

**E-MAIL:** [dlammer@yukoncollege.yk.ca](mailto:dlammer@yukoncollege.yk.ca)

**TIME:** Wednesdays 0900-1200  
& Thursdays Jan 12, 26 & Feb 9, 23

**TELEPHONE:** 867-668-8845 (HEHS office)

**DATES:** January 4-March 15, 2017

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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.

### PREREQUISITES

ANAT1101 Anatomy and Physiology; NURS1301 Mathematical Principles of Medication Administration

### RELATED COURSE REQUIREMENTS

Enrolment in the practical nurse education program or permission of the program coordinator

### EQUIVALENCY OR TRANSFERABILITY

See Bow Valley College transferability information: Click [here](#)

### 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

Including but not limited to: facilitator-led learning, peer-to-peer projects, in-class and home exercises, LMS activities

## ASSESSMENTS

Outcome	Assessment Strategy	Weight
1, 2, 3,	Two Midterms (A & B) 20% each	40% total
1, 2, 3	Assignment	20%
1, 2, 3	In-class activities and participation	10%
1, 2, 3	Final Exam	30%
Total		100%

Grading will be according to the Bow Valley College letter grade template. An overall minimum final mark for this course must be 64%, letter grade C, grade point value of 2.0 to pass this course.

Professional behaviour is expected. If students expect to miss a class, students will communicate with their instructor ahead of time.

## REQUIRED TEXTBOOKS AND MATERIALS

VanMeter, Karin, C., & Hubert, Robert, J. (2014) *Gould's Pathophysiology for the health professions (5th ed.)*. Philadelphia: Saunders Elsevier.

### Additional Resources

Potter, P. A., Perry, A. G., Ross-Kerr, J. C., Wood, M. J., Astle, B.J., Duggleby, W. (Eds.). (2014). *Canadian fundamentals of nursing (5th ed.)*. Toronto: Elsevier Canada.

## 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 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 or the College.

### **YUKON FIRST NATIONS 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](http://www.yukoncollege.yk.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 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 [lassist@yukoncollege.yk.ca](mailto:lassist@yukoncollege.yk.ca).

## TOPIC OUTLINE:

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