



COURSE OUTLINE

ANAT 1101

ANATOMY AND PHYSIOLOGY

**90 HOURS
6 CREDITS**

PREPARED BY: C Bradbury

DATE: 26 May, 2016

APPROVED BY:

DATE:

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ANATOMY AND PHYSIOLOGY

INSTRUCTOR: Liris Smith

OFFICE HOURS: by appointment

OFFICE LOCATION: Off-site

CLASSROOM:

E-MAIL: lsmith@yukoncollege.yk.ca

TIME: Tuesday's: 11am - 1:30 pm
Thursday's: 10:30am - 13:30 pm
Friday's: 11am - 1:30 pm

TELEPHONE: 668-8845 (HEHS Admin)

DATES: Sept. 8 - Dec 20, 2016

COURSE DESCRIPTION

This course introduces the structure and function of the twelve body systems and how the systems work together to maintain homeostasis in the human body. The learner will progress from the cellular level to organ systems, receiving a foundation in anatomical terminology.

PREREQUISITES

NONE

EQUIVALENCY OR TRANSFERABILITY

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

LEARNING OUTCOMES

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

- Demonstrate comprehension of the knowledge of anatomy and physiology
- Use appropriate terminology to describe the structures and functions of the human body
- Describe the inter-relationship of the body systems

COURSE FORMAT

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

ASSESSMENTS

Learning outcomes	Assessment Strategy	Weight
1, 2	Learning Assessments	10%
1, 2	Two Midterm Exams: Part A and Part B	25% each
1, 2	Final Exam	40%
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.

REQUIRED TEXTBOOKS AND MATERIALS

Thompson, G. (2015). *Understanding anatomy & physiology: A visual, auditory, interactive approach. (2nd ed.)*. Philadelphia: F.A. Davis Co. (or current edition)

Thompson, G. (2015). *Workbook to accompany understanding anatomy & physiology: A visual, auditory, interactive approach. (2nd ed.)*. Philadelphia: F. A. Davis Co. (or current edition)

ACADEMIC AND STUDENT CONDUCT

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

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 .

TOPIC OUTLINE

Part 1: Anatomy and physiology: A brief survey of the 11 systems

Part 2: The 11 systems

Blood and cardiovascular system

Respiratory system

Lymphatic system and immunity

Urinary system

Fluid, electrolyte and acid-base

Digestive system, nutrition and metabolism

Nervous system

Endocrine system

Skeletal system

Muscular system

Integumentary system and tissues

Sensation and sensory organs

Reproductive system