Yukon University	**School of Health, Education and Human Services**
	ANAT 1101 **Anatomy and Physiology**
	Term: Fall 2023 **Number of Credits: 6**

Course Outline

INSTRUCTOR: Liris Smith
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COURSE DESCRIPTION

This comprehensive course introduces the structure of the human body and its relationship to the function and integration of the twelve body systems as well as how they work to maintain homeostasis. Learners will gain an in-depth understanding of the organization of the human body from the chemical and cellular level to the tissues, organs and organ systems. This course will also facilitate understanding of the terminology associated with the human body.

Requisites: None
Equivalents: None
Credits: 6
Hours: 90
Eligible for PLAR: Yes

EQUIVALENCY OR TRANSFERABILITY

Receiving institutions determine course transferability. Find further information at: https://www.yukonu.ca/admissions/transfer-credit

LEARNING OUTCOMES

1	Demonstrate knowledge and comprehension related to the structure of the human body
2	Demonstrate knowledge and comprehension related to the function of the human body
3	Use appropriate anatomical terminology in identifying and describing the different structures of the human body
4	Explain how the organs and systems affect the maintenance of Homeostasis
5	Describe the interdependency of the twelve human body systems

COURSE MODULES AND SCHEDULE

**Course schedule subject to change, depending on delivery mode and term of study. For exact dates, please consult the Course Offering Information and other course documents in Moodle.*

WEEK/HOURS	MODULE
	Part 1: Overview of basic structure and function of the human body
3 Hours	Organization
3 Hours	Chemistry
3 Hours	Cells and microbiome
3 Hours	Tissues
3 Hours	Integumentary system
18 Hours	Introduction to body systems
3 Hours	Introduction to fluid, electrolyte and acid base balances
	Part 2: Comprehensive review of structure and function of the human body
9 Hours	Nervous system
3 Hours	Endocrine system
9 Hours	Blood and cardiovascular system
3 Hours	Respiratory system
3 Hours	Lymphatic system and immunity
3 Hours	Urinary system
6 Hours	Fluid, electrolyte and acid base balances
6 Hours	Digestive, nutrition and metabolism
3 Hours	Skeletal system
3 Hours	Muscular system
3 Hours	Sensation and sense organs
3 Hours	Reproductive system

ASSESSMENT

Learning Outcomes	Assessment	Weight
1, 2, 3, 4, 5	Learning Activities	15%
1, 3, 5	Exam #1	25%
1, 2, 3, 4, 5	Exam #2	30%
1, 2, 3, 4, 5	Exam #3	30%

A minimum grade of D is required to pass this course. However, a program may require a higher grade in this course to progress in the program or to meet 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 the program area or contact the program chair for further details. A minimum Grade Point Average of 2.0 is required for graduation.

DELIVERY FORMAT

This course is delivered in-person and online (synchronous and asynchronously).

Note that the delivery format is subject to change.

COURSE WITHDRAWAL INFORMATION

Refer to the YukonU website for important dates.

TEXTBOOKS & LEARNING MATERIALS

Thompson, G. (2019). Understanding anatomy & physiology: A visual, auditory, interactive approach (3rd ed.). F.A. Davis Co.

Thompson, G. (2019). Workbook to accompany understanding anatomy & physiology: A visual, auditory, interactive approach (3rd ed.). F. A. Davis Co.

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.