

Fond du Lac Tribal and Community College
COURSE OUTLINE FORM

Updated 9/23/14

Please return this form to the college vice president of academic affairs and the chairperson of the Academic Affairs and Standards Council (AASC)

1. Prepared by: _____

2. Date submitted: _____

3. Date approved: _____ Date revised 10/14/14

4. Department/discipline: Biology

5. Department(s) endorsement(s): _____

(Signatures of the person(s) providing the endorsement are required.)

6. Course Title: Human Anatomy & Physiology I

Abbreviated course title (25 characters or less): _____

7. Course Designator: BIOL 8. Course Level: 1XXX 9. 2020

10. Number of Credits: Lecture 3 Lab 1

11. Control Number (on site) 72/24 Control Number (online) _____

12. Catalog/Course description:

Structural and functional aspects of selected human body systems with a strong emphasis on laboratory dissection and study. Designed for students majoring in nursing and health related sciences as well as physical education and liberal arts. (Prerequisite: BIOL 1001 or BIOL 1101 or consent of instructor) (Meets MnTC goal area 3).

13. Course prerequisite(s) or co-requisite(s): Accuplacer scores/ Other courses

Prerequisite(s): BIOL 1101 General Biology I or BIOL 1001 Concepts in Cell Biology

Co-requisite:

14. **Course Materials** (Recommended course materials and resources. List all that apply, e.g. textbooks, workbooks, study guides, lab manuals, videos, guest lecturers).

Course materials including a textbook will be selected by faculty based on relevance to the study of anatomy and physiology course objectives.

15. **Course Content** (Provide an outline of major topics covered in course)

Lecture topics:

Introduction to the Human Body

Chemical level of organization

Integumentary System

The Skeletal System

 Bone Tissue

 Axial Skeleton

 Appendicular Skeleton

Joints

Muscle Tissue
The Muscular Tissue
Nervous Tissue
Spinal Cord and Spinal Nerves
The Brain and Cranial Nerves
Sensory, Motor, and Integrative Systems
The Special Senses

Lab topics to closely follow lecture material

16. Learning Goals, Outcomes, and Assessment

At FDLTCC we have 4 Competencies Across the Curriculum (CAC) areas. They are as follows:

- A. Information Literacy (the ability to use print and/or non-print tools effectively for the discovery, acquisition, and evaluation of information)
- B. Ability to Communicate (the ability to listen, read, comprehend, and/or deliver information in a variety of formats.)
- C. Problem Solving (the ability to conceptualize, apply, analyze, synthesize, and/or evaluate information to formulate and solve problems.)
- D. Culture (knowledge of Anishinaabe traditions and culture, knowledge of one's own traditions and culture, knowledge of others' traditions and cultures, culture of work, culture of academic disciplines and/or respect for global diversity.)

Course learning outcomes will fulfill the identified competencies.

Course Learning Outcomes:

Upon completion of this course, students will be able to:

1. Describe the critical importance of homeostasis on the anatomy and physiology of the human body. (B, C)
2. Identify the major differences between the tissue types found in the human body. (B, C)
3. Describe the function of the integumentary system. (B)
4. Explain the structure and function of the skeletal system of the human body. (B, C)
5. Describe the types and functions of joints in the human body. (B, C)
6. Explain the structure and function of the muscular system. (B, C)
7. Describe the cellular and gross anatomical structure and function of the nervous system (B, C)

17. **Minnesota Transfer Curriculum (MnTC):** If this course fulfills an MnTC goal area, state the goal area and list the goals and outcomes below:

See www.mntransfer.org

Goal Area(s): 3

Goal and Outcomes:

Goal 3: Natural Sciences