

**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 II
Abbreviated course title (25 characters or less): _____

7. Course Designator: BIOL 8. Course Level: 1XXX 9. 2021

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 2020 or consent of instructor) (Meets MnTC goal area 3).

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

Prerequisite(s): BIOL 2020 Human Anatomy & Physiology I or consent of instructor
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:
Sensory, Motor, and Integrative Systems
Special Senses
Autonomic Nervous System
The Endocrine System

Cardiovascular system
Blood
Heart

Blood vessels
Lymphatic system and Immunity
Respiratory System
Digestive System
Metabolism
Urinary System
Fluid, Electrolyte, and Acid-Base Homeostasis
Reproductive System
Development and Inheritance
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 how the general senses and the special senses function to provide essential information to the central nervous system. (B, C)
- 2. Describe the functions of the endocrine and autonomic nervous system and their role in the maintenance of homeostasis. (B, C)
- 3. Describe the role of the circulatory system in maintaining a constant internal environment. (B, C)
- 4. Describe the role of the respiratory system in gas exchange in the human body. (B, C)
- 5. Describe the role the excretory system plays in maintaining fluid and chemical balance in the body. (B, C)
- 6. Demonstrate basic dissection and laboratory techniques relevant to the field of anatomy and physiology. (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