

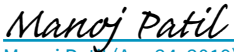
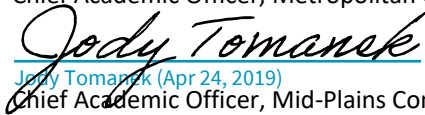


Syllabus
BIOS2260
Human Anatomy & Physiology II
2019

Committee Members:

Stuart Williams, Central Community College
No representative, Little Priest Tribal College
Del Stallwood, Metropolitan Community College
Carla Long, Mid-Plains Community College
Hank Miller, Nebraska Indian Community College
Angie Jackson, Northeast Community College
Rebecca Burt, Southeast Community College
Tracy O'Neal, Western Nebraska Community College

Facilitator: Angie Jackson

The Institution agrees to the contents in this syllabus including course prefix, number, course description and other contents of this syllabus.

 Chief Academic Officer, Central Community College	Adopt
 Manoj Patil (Apr 24, 2019) Chief Academic Officer, Little Priest Tribal College	Adopt
 Thomas J McDonnell (May 13, 2019) Chief Academic Officer, Metropolitan Community College	Decline
 Jody Tomasek (Apr 24, 2019) Chief Academic Officer, Mid-Plains Community College	Adopt
 Kristine Sudbeck (May 17, 2019) Chief Academic Officer, Nebraska Indian Community College	Adopt
 Lyle Kathol (Apr 24, 2019) Chief Academic Officer, Northeast Community College	Adopt
 Dennis Headrick (Apr 25, 2019) Chief Academic Officer, Southeast Community College	Adopt
 Kim Kuster Dale (Apr 25, 2019) Chief Academic Officer, Western Nebraska Community College	Adopt

I. CATALOG DESCRIPTION

Course Number: BIOS2260

Course Title: Human Anatomy & Physiology II

Prerequisite(s): BIOS2250 - Human Anatomy & Physiology I

Catalog Description: Introduction to the form and function of the following human body systems: continuation of the nervous system and special senses, endocrine system, blood and cardiovascular system, lymphatic system, immune system, respiratory system, digestive system, metabolism, urinary system, fluid electrolyte and pH balance, and reproductive systems.

Credit Hours: 4 semester hours / 6 quarter hours

Contact Hours: 45 (lecture) /30 (lab)

II. COURSE OBJECTIVES / COMPETENCIES

Course will:

1. Review the nervous system and continue to investigate the anatomy and physiology of the special senses.
2. Investigate the anatomy and physiology of the endocrine system.
3. Examine the anatomy and physiology of the blood and cardiovascular system.
4. Explore the anatomy and physiology of the lymphatic system and immunity.
5. Discuss the anatomy and physiology of the respiratory system.
6. Investigate the anatomy and physiology of the digestive system and metabolism.
7. Explore the anatomy and physiology of the urinary system, fluid electrolytes and pH balance.
8. Investigate the anatomy and physiology of the reproductive system.
9. Provide hands-on laboratory learning opportunities that reinforce lecture content.

III. STUDENT LEARNING OUTCOMES:

Students will be able to:

1. Identify nervous system anatomy by standard names.
2. Understand and explain physiology of the nervous system.
3. Identify endocrine system anatomy by standard names.
4. Discuss and be able to explain physiology of the endocrine system.
5. Identify cardiovascular system anatomy and blood components by standard names.
6. Explain physiology of the cardiovascular system and blood components.
7. Identify lymphatic system anatomy and immunity components by standard names.
8. Discuss and be able to explain physiology of the lymphatic system and relate it to the immunity components.
9. Identify respiratory system anatomy by standard names.
10. Understand physiology of the respiratory system.
11. Identify digestive system anatomy by standard names.
12. Summarize physiology of the digestive system.
13. Identify urinary system anatomy by standard names.

14. Understand and be able to explain the physiology of the urinary system including electrolyte and pH balance.
15. Identify reproductive system anatomy by standard names.
16. Explain the physiology of the reproductive system.

IV. COURSE CONTENT / TOPICAL OUTLINE

1. Nervous system and special senses
2. Endocrine system
3. Cardiovascular system and blood components
4. Lymphatic System and immunity
5. Respiratory System
6. Digestive system
7. Urinary System including water and electrolyte balance
8. Reproductive System

V. INSTRUCTIONAL MATERIALS

A. Required Text(s) Suggested

Hole's Human Anatomy & Physiology; 15th edition; David Shier, Jackie Butler, Ricki Lewis; McGraw Hill Publishing

Human Anatomy & Physiology; 12th edition; EN Marieb and K. Hoehn; Pearson Publishing

Seeley's Anatomy & Physiology; 10th edition or newer; Cinnamon VanPutte et.al.; McGraw Hill Publishing

Human Anatomy and Physiology; 2nd edition; Erin C. Amerman; Pearson Publishing

Anatomy and Physiology; 2nd edition; Betts, et.al.; OpenStax Publishing

Recommended textbooks also include editions of those listed above with copyright dates between 2015-2022.

VI. METHOD OF PRESENTATION/INSTRUCTION

The following may be utilized during this course: lecture, laboratory activities, discussion, supplemental learning objects such as animations/videos, demonstrations, companion Internet site access, and in-class activities.

VII. METHODS OF EVALUATION

Evaluation of student learning will be through activities such as tests and exams, quizzes, projects, writing assignments, presentations, outside research, portfolios, and online activities.

VIII. INSTITUTIONAL DEFINED SECTION

(To be used at the discretion of each community college as deemed necessary)











BIOS2260 - Human Anatomy & Physiology II - 2019



Final Audit Report

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