TEMPLE COLLEGE
TEMPLE HUTTO TAYLOR

Course Syllab

BIOL 2401 Human Anatomy & Physiology I

Instructor:

Locklin, Jason

Contact Information:

Math Biomedical Sciences (MBS) Buidling 120

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Catalogue Description

Anatomy and Physiology I is the first part of a,two course sequence. It is a study of the,structure and function of the human body,including cells, tissues and organs of the,following systems: integumentary, skeletal,,muscular, nervous and special senses. Emphasis is,on interrelationships among systems and regulation,of physiological functions involved in maintaining,homeostasis. The lab provides a hands-on learning,experience for exploration of human system,components and basic physiology. Systems to be,studied include integumentary, skeletal,,muscular, nervous, and special senses.

Term:

{3D6EB4B9-49EF-48EA-B896-C59FA1E3FEBA}

Format of Term:

{A617E925-8B84-4366-978A-55B6C925072D}

Lab Hours Per Week:

3

End of Course Outcomes:

Upon successful completion of this course, students will: Use anatomical terminology to identify and describe locations of major organs of each system covered. Explain interrelationships among molecular, cellular, tissue, and organ functions in each system. Describe the interdependency and interactions of the systems. Explain contributions of organs and systems to the maintenance of homeostasis. Identify causes and effects of homeostatic imbalances. Describe modern technology and tools used to study anatomy and physiology.

Required Textbook

Erin Amerman, , 2nd, Human Anatomy & Physiology, , , 978-0134553511, http://

Learning Resources:

The Morgan Anatomy Tutorial Lab is available to all students and is open throughout the week including evenings and weekends. Refer to the A&P lab page for specific times and availability of tutors.

Evaluation System:

Quizzes: 30%

Exams: 50%

Final Exam: 20%

Course Schedule/Topics

Introduction to A&P

Core Concepts

Surface Anatomy

Directional Terms

Organ System Overview

Histology

Integumentary System

Skeletal System

Muscular System

Nervous System

Special Senses

Marketable Skills

Critical Thinking: Inquiry and analysis, evaluation and synthesis of information, problem solving, set priorities

Communication Skills: Reading, speaking effectively in groups, listening

Empirical and Quantitative Skills: Computer Literacy, extracting important information, analyzing, organize information

Teamwork: Work effectively with others, deal with difficult people, consider differing opinions

Class Policies

See D2L for information regarding make-up exams, missed labs, and missed reviews. All students must uphold the academic integrity stated in the student handbook.

Additional Information

Exams must be taken at an approved in-person proctored facility.