Course Outline

Course Title: Human Anatomy & Physiology I
Submitted By: K. Giermann

Semester Course Prefix and Number: BIOL 2551
Approval Date:

Old Quarter Course Prefix and Number: BIOL 221
Revision Date: Feb. 2002

Number of Credits: 4
Number of Lecture Credits: 3
Number of Lab Credits: 1
Number of Lab Hours: 3
Number of Studio/Demonstration/Internship Credits:

Course Purpose Code:

0 – Developmental Courses
1 – Non-transferable, General Education
2 – Technical course related to career programs
3 – College course which has the primary goal of applying certain concepts (e.g. vocal ensemble)
4 – Other college course not considered a part of general education (MNTC) e.g. computer science, health, physical education
5 – Course which is intended to fulfill the Minnesota Transfer Curriculum (MNTC) requirements.
9 – Continuing Education/Customized Training specialized credit course (not occurring in 0-5)

Catalog Description:
This course introduces the structural and functional aspects of selected human body systems with a strong emphasis on lab dissections and study. It is designed for nursing, medical technology and related health sciences majors, as well as students majoring in physical education and liberal arts.

Prerequisites and/or recommended entry skills/knowledge:
Course Prerequisite(s): BIOL 1545 or BIOL 1551 or instructor’s consent
Reading Prerequisite: College Level Reading
Composition Prerequisite: None
Mathematics Prerequisite: None

Career Programs and Transfer Majors Accessing this Course:
Nursing, pharmacy, medical technology, physical education, and Allied Health Sciences

Minnesota Transfer Curriculum Goal(s) partially met by this course if applicable: Notes: No more than two goals may be met by any one course. (Curriculum Committee review and the Chief Academic Officer’s approval are required).

0. None
1. Communications
2. Critical Thinking
3. Natural Sciences
4. Mathematical/Logical Reasoning
5. History and the Social and Behavioral Sciences
6. The Humanities and Fine Arts
7. Human Diversity
8. Global Perspectives
9. Ethical and Civic Responsibility
10. People and the Environment
Learning outcomes, including any relevant competencies listed in the Minnesota Transfer Curriculum:

The student will:

- Demonstrate understanding of scientific theories
- Formulate/test hypothesis in lab
- Communicate findings orally and in writing

Student assessment methods:

- Lecture
- Lab tests

Use of instructional technology (includes software, interactive video and other instructional technologies):

- CD-ROM simulation/study guide
- Microcomputer based laboratories

Outline of the major course content:

- Introduction and terminology
- Skeletal system (structural/physiology)
- Muscular system (histology/morphology)
- Integumentary system
- Nervous system
- Senses

Additional special information (special fees, directives on hazardous materials, etc.)

Transfer Information: (Please list colleges/majors that accept this course in transfer.)

Approvals:

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