MESABI RANGE COMMUNITY & TECHNICAL COLLEGE – VIRGINIA/EVELETH

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**
Semester(s) Offered: **Number of Lab Credits:** **1** **Number of Lab Hours:** **3**
Negotiated Class Size: **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
__X__ **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:

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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. __X__ 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)
- Integumentory 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:

Body	Representative Signatures	Date
Curriculum Committee		
Faculty Association		
Meet and Confer		
Chief Academic Officer		

Distribution: Original – Administrative Office, Library, Learning Center, Records, Student Services, Curriculum Committee Chair