

MESABI RANGE COMMUNITY & TECHNICAL COLLEGE – VIRGINIA/EVELETH

**Course Outline**

Course Title: Human Anatomy & Physiology I  
Semester Course Prefix and Number: BIOL 2551  
Old Quarter Course Prefix and Number: BIOL 221

Submitted By: K. Giermann  
Approval Date:  
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:

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**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:**

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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.  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:**

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