MESABI RANGE COMMUNITY & TECHNICAL COLLEGE – VIRGINIA/EVELETH

Course Outline

Course Title: **Human Anatomy & Physiology II** **Submitted By:** **K. Giermann**
Semester Course Prefix and Number: **BIOL 2552** **Approval Date:**
Old Quarter Course Prefix and Number: **BIOL 222** **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:
This course presents the structural and functional aspects of selected human body systems with a strong emphasis on lab experimentation. It includes study of those systems not covered in Human Anatomy and Physiology I.

Prerequisites and/or recommended entry skills/knowledge:
Course Prerequisite(s): BIOL 1551 (or previous course BIOL 221)
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
Allied Health Services

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:

This course covers systems not covered in Anatomy and Physiology I:

- Circulatory
- Respiratory
- Digestive
- Excretory
- Endocrine
- Reproductive
- Lymphatic/Immunity

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