MESABI RANGE COMMUNITY & TECHNICAL COLLEGE – VIRGINIA/EVELETH

Course Outline

Course Title: **Special Topics In Biology**
Semester Course Prefix and Number: **BIOL 2435**
Old Quarter Course Prefix and Number:

Submitted By: **Biology Dept**
Approval Date: **February 2004**
Revision Date:

Number of Credits: **1 - 3**
Number of Lecture Credits: **1 – 3**
Semester(s) Offered:
Number of Lab Credits:
Number of Lab Hours:
Class Size: **20**
Number of Studio/Demonstration/Internship Credits:
Negotiated by AASC on (February 18, 2004)

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)
__X__ **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:
Topics to be arranged based on student interest and each will include a biotechnology component. Possible topics include (but are not limited to) biotechnology, forensics, evolution, genetic engineering, and recombinant DNA.

Prerequisites and/or recommended entry skills/knowledge:

Course Prerequisite(s):	Biol 1551or Biol 2536 or Biol 2551, or instructor's consent
Reading Prerequisite:	College Level Reading
Composition Prerequisite:	
Mathematics Prerequisite:	Math 0093 (Beginning Algebra) or Equivalent CPT Score

Career Programs and Transfer Majors Accessing this Course:
Biology, Biochemistry Majors. Allied Health, Forensic Science, Law Enforcement, Biotechnology Programs.

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. __X__ 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 goal is to give students more advanced and/or in-depth exposure to topics of interest in biology than can be covered in one of our introductory courses.

Student assessment methods:
May include: Projects/Reports/Exams/Quizzes/Presentations, CATs

Use of instructional technology (includes software, interactive video and other instructional technologies):
CD-Rom/Internet/Agarose and Polyacrylamide Gel Electrophoresis Apparatus

Outline of the major course content:
Topic specific syllabus to be submitted to curriculum committee for approval each time a new topic is offered.

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

Transfer Information: (Please list colleges/majors that accept this course in transfer.)
Most colleges have topics courses and would accept this course as an elective.

Approvals:

Body	Representative Signatures	Date
Curriculum Committee	Donnie Gordon	January 8, 2004
Faculty Association	Roger Hoffman	February 11, 2004
Academic Affairs Standards Committee	Kim Giermann	February 18, 2004
Chief Academic Officer	Dr. Jill Peterson	March 1, 2004

Distribution: Original – Administrative Office
Copies: Curriculum Committee Chair, Learning Center, Library, Originating Faculty Member, Records, Student Services, Scheduler, Transfer Specialist