

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)
- 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 1551 or 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. 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

Revised February 10, 2004