MESABI RANGE COMMUNITY & TECHNICAL COLLEGE

Course Outline

Course Title: **Biology Of Women** **Submitted By:** **C & K Giermann**

Semester Course Prefix and Number: **Biol 1515** **Approval Date:** **March 2008**

Old Quarter Course Prefix and Number: **Revision Date:**

Number of Credits: **3** **Number of Lecture Credits:** **3**

Semester(s) Offered: **Number of Lab Credits:** **Number of Lab Hours:**

Class Size: **30** **Number of Studio/Demonstration/Internship Credits:**

(Must be approved by AASC or SGC)

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 or intended for transfer.
_____ **9 –** Continuing Education/Customized Training specialized credit course (not occurring in 0-5)

Catalog Description:

This is a theme-based course covering basic biological concepts that pertain to women. The course will examine the pivotal points in a woman's life span from conception through menopause. Major topics covered include women's health issues, both physical and emotional; gender differentiation; reproductive anatomy and physiology.

Prerequisites and/or recommended entry skills/knowledge:

Course Prerequisite(s): None
Reading Prerequisite: College Level Reading
Composition Prerequisite: None
Mathematics Prerequisite: None

Career Programs and Transfer Majors Accessing this Course:
MTC-Biological Science Course

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. **X** 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)

Upon completion of this course, the students will improve their understanding of natural science principles and of the methods of scientific inquiry.

Students will be able to:
a. demonstrate understanding of biological theories and principles of reproductive anatomy, physiology, social, and health issues of females.

b. formulate and test hypotheses by performing research on current issues and/or simulation.

c. collect data and perform basic statistical and graphical analysis to improving analytical and critical thinking skills.

d. communicate their research and/or current issues findings, analyses, and interpretations orally and/or in writing.

e. evaluate societal issues from a natural science perspective, ask questions about the evidence presented, and make informed judgments about science-related topics and policies.

f. describe and discuss the experience and contributions made by women in shaping American society and culture, with emphasis placed on discrimination, exclusion, and violence toward women.

g. analyze their own attitudes, behaviors, concepts and beliefs regarding diversity and bigotry.

h. demonstrate an awareness of the individual and institutional dynamics of unequal power relations between men and women in contemporary society.

Student Assessment Methods:
Tests/Quizzes
Projects/Papers
Discussions
Assignments

Use of Instructional Technology: (includes software, interactive video and other instructional technologies):
Course may be offered on-line or with significant on-line component.

Outline or Statement of Major Course Content:
This course will cover the critical and current issues relating to emotional and physical health issues specific to women. Major course content will include reproductive anatomy/physiology of both sexes, genetics, contraception and fertility issues, pregnancy/fetal development, sexuality, and menopause.

Additional Special Information: (special fees, directives on hazardous materials, etc.)
On-line fee may apply.

Transfer Information: (Please list colleges/majors that accept this course in transfer.)

MTC-Biological Science Course
Inver Hills CC, Central Lakes CC, Lake Superior CC, SCSU

Approvals:

Body	Representative Signatures	Date
Curriculum Committee		
Faculty Association		
Academic Affairs Standards Committee		
Chief Academic Officer		

Distribution: Original – Administrative Office
Copies: Curriculum Committee Chair, AASC Chair, Transfer Specialist, Originating Faculty Member, Scheduler, Records, Student Services, Learning Center, Library
Revised: October 2006