

# Minnesota State University Moorhead

## BIOL 111L: Cell Biology Lab

### A. COURSE DESCRIPTION

Credits: 0

Lecture Hours/Week: \*.\*

Lab Hours/Week: \*.\*

OJT Hours/Week: \*.\*

Prerequisites: None

Corequisites: None

MnTC Goals: None

This is a zero-credit lab and must be taken in conjunction with BIOL 111.

**B. COURSE EFFECTIVE DATES:** 09/24/1997 - Present

### C. OUTLINE OF MAJOR CONTENT AREAS

### D. LEARNING OUTCOMES (General)

1. To assist students in understanding complex concepts in cell biology.
2. To build scientific vocabulary specifically focusing on cell biology terminology.
3. To communicate outcomes from class research effectively in writing and the construction of tables and figures.
4. To learn basics of cell structure and how those various structures lead to different functions.
5. To prepare students with strong knowledge base for advanced biology courses.
6. To provide the opportunity for students to read and interpret groundbreaking classic literature in the field of cell biology.
7. To understand cellular reproduction (cell cycle, DNA replication, mitosis and meiosis).

### E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

None

### F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

### G. SPECIAL INFORMATION

None noted