

# Minnesota State University Moorhead

## BIOL 347L: Plant Physiology Lab

### A. COURSE DESCRIPTION

Credits: 0

Lecture Hours/Week: \*.\*

Lab Hours/Week: \*.\*

OJT Hours/Week: \*.\*

Prerequisites: None

Corequisites: BIOL 347

MnTC Goals: None

Plant Physiology zero credit lab that accompanies BIOL 347.

**B. COURSE EFFECTIVE DATES:** 09/15/1999 - Present

### C. OUTLINE OF MAJOR CONTENT AREAS

### D. LEARNING OUTCOMES (General)

1. Communicate to peers their results of laboratory experiments.
2. Conduct research-type investigations to obtain original data on plant processes.
3. Learn basic physiological principals common to plants, animals, and fungi.
4. Learn hands on training with up-to-date experimental tools.
5. Learn how to write a scientific laboratory report.
6. Learn measuring and quantitation of plant physiological processes.
7. Learn physiological principals specific to plants as organisms.
8. Understand the components behind experimental design.
9. Use basic statistical tools for analysis of data.

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

None

### F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

### G. SPECIAL INFORMATION

None noted