

# Minnesota State University Moorhead

## BCBT 460: BCBT Literature Review and Presentation

### A. COURSE DESCRIPTION

Credits: 1

Lecture Hours/Week: 1

Lab Hours/Week: \*.\*

OJT Hours/Week: \*.\*

Prerequisites:

This course requires the following prerequisite

BCBT 360 - Team-Based Biochemistry and Biotechnology Research

Corequisites: None

MnTC Goals: None

Advanced analysis and critique of primary publications in biochemistry and biotechnology in a journal club format. Topical discussions and written reviews will facilitate a deeper understanding of advanced research methods and the publication process.

**B. COURSE EFFECTIVE DATES:** 09/15/2014 - Present

### C. OUTLINE OF MAJOR CONTENT AREAS

1. Biochemistry and biotechnology research in written form.
2. In depth analysis of specific topics associated with communicating the process and results of BCBT research.
3. The peer review process of publishing.

### D. LEARNING OUTCOMES (General)

1. Analyze, understand and critique primary journal articles.
2. Communicate major points of articles in both written and oral formats.
3. Evaluate source material including the peer review publication process, potential conflicts of interest, and other issues of publishing as a professional scientist.
4. Synthesize material from many articles to write formal review(s) of a specific topic.

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

None

### F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

### G. SPECIAL INFORMATION

None noted