

Minnesota State University Moorhead

BCBT 200: Introduction to the Biochemistry and Biotechnology Industry

A. COURSE DESCRIPTION

Credits: 2

Lecture Hours/Week: 2

Lab Hours/Week: *.*

OJT Hours/Week: *.*

Prerequisites: None

Corequisites: None

MnTC Goals: None

This course is an introduction to the biochemistry and biotechnology industry including an overview of the different industry sectors. Topics covered include the scientific advances and economic impact of the biochemistry and biotechnology industry as well as the training requirements for entering the industry's workforce. Prerequisite: One semester of Biosciences or Chemistry with lab.

B. COURSE EFFECTIVE DATES: 08/25/2008 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

1. Areas of science that are considered biotechnology.
2. History of the biotechnology industry.
3. Notable advances in biotechnology.
4. Technology and techniques used in the biotechnology industry.

D. LEARNING OUTCOMES (General)

1. Recognize different fields within the biotechnology industry.
2. Develop a plan for appropriate preparation to work in a biotechnology field.

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

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted