

Minnesota State University Moorhead

BCBT 425: Introduction to Validation in the Biochemistry and Biotechnology Industry

A. COURSE DESCRIPTION

Credits: 4

Lecture Hours/Week: 4

Lab Hours/Week: *.*

OJT Hours/Week: *.*

Prerequisites: None

Corequisites: None

MnTC Goals: None

This course provides an overview of validation in the biochemistry and biotechnology industry including biopharma, biomanufacturing, and basic and clinical research. Topics will include: 1) The science of validation; 2) Qualification, calibration, and certification of equipment; 3) Validation of biological assays; 4) Creation and Application of Validation Programs. Student must be in junior standing in a bioscience or chemistry major.

B. COURSE EFFECTIVE DATES: 08/25/2008 - 05/12/2017

C. OUTLINE OF MAJOR CONTENT AREAS

None

D. LEARNING OUTCOMES (General)

None

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

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted