

Minnesota State University Moorhead

BCBT 479: Biotechniques: Advanced DNA & RNA Methodology

A. COURSE DESCRIPTION

Credits: 2

Lecture Hours/Week: 2

Lab Hours/Week: *.*

OJT Hours/Week: *.*

Prerequisites:

CHEM 405 - Biochemistry Laboratory I AND BIOL 385 - Molecular Biology AND BIOL 385L - Molecular Biology Lab

Corequisites: None

MnTC Goals: None

Theory and practice in advanced DNA and RNA techniques with emphasis on isolation of RNA from cells and tissues and its subsequent use in diagnostic and analytical applications.

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

C. OUTLINE OF MAJOR CONTENT AREAS

D. LEARNING OUTCOMES (General)

1. Students will master the theory and practice of working with RNA in the laboratory and its many uses in diagnostic and research applications.

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

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted