**BIOL 3590: Cell Biology**

**A. COURSE DESCRIPTION**

Credits: 4
Lecture Hours/Week: *.*
Lab Hours/Week: *.*
OJT Hours/Week: *.*
Prerequisites: None
Corequisites: None
MnTC Goals: None

Microscopic anatomy and physiological mechanisms of plant and animal cells. Gene control of cellular metabolism, mechanism of energy utilization in cells and pathways of synthesis of molecules. Lecture and laboratory. Prerequisites: BIOL 2360 or Biol 2375; and Chem 1211, 1212.

**B. COURSE EFFECTIVE DATES:** 09/01/2002 - 08/26/2018

**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