

BIOTECHNOLOGY 1 / SOP (CAA)**(Standard Operating Procedure)****4133****1 unit science elective (2-hour block per semester)****10,11,12**

Prerequisite – Biology 1 with “C” or better. Introduction to Biotechnology recommended but not required; Grade 9 with teacher recommendation

This course is designed to provide students with an authentic laboratory experience. Each student will practice the safe use of laboratory equipment and techniques currently utilized in the “real” biotechnology industry. Students will have many opportunities to apply the laboratory skills, techniques and knowledge of the scientific process to design authentic scientific research. Critical thinking and communication skills will be developed in order to effectively communicate results of data collection and interpretation. Students can earn OSHA-10 credential.

This course can count for the STEM graduation requirement.

Course cost is \$30.00. Biotechnology 1 can be taken concurrently with Intro to Biotechnology.