

## **BIOTECHNOLOGY (AS) PROGRAM STUDENT LEARNING OUTCOMES**

Upon completion of the AS in Biotechnology degree students will be able to:

1. Exhibit effective oral and written communication skills.
2. Demonstrate critical reading, thinking and problem solving skills
3. Demonstrate quantitative reasoning skills in calculus and statistics.
4. Utilize scientific methods to explore natural phenomena.
5. Demonstrate a solid foundation in Chemistry and Organic Chemistry.
6. Demonstrate basic laboratory skills necessary for Biotechnology research.
7. Demonstrate a base of knowledge in Biology, Molecular Biology and Microbiology to qualify for upper divisional study.
8. Possess the requisite knowledge, skills and abilities to successfully transfer to a baccalaureate degree program in Biotechnology related degree area with junior status.