

# BIOTECHNOLOGY LABORATORY ASSISTANT - ACADEMIC CERTIFICATE (AC)

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Recognize the knowledge and skills that will allow for success in further pursuits within the biotechnology/biomedical research or industry laboratory.
- Obtain laboratory bench experience in an industry or research setting and appreciate the role of science in society.
- Describe the scientific method and apply it within a controlled environment.
- Evaluate their experimental results and determine appropriate conclusions.
- Understand and represent quantitative scientific data in various graphical forms.
- Develop and improve skills of both verbal and written science communication.
- Develop and improve skills in critical thinking and analytical reasoning through quantitative and observational analyses.
- Demonstrate the skills necessary for the handling of analytical equipment currently used in the biotechnology industry.