

Course Outcomes Guide

Directions: Please complete this form to document your progress toward improving student learning. For each item, indicate your progress and your anticipated next steps. Thank you!

Course/Program Title: BTC-202 Biomanufacturing/ Biotechnology Program

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Expected Learning Outcomes

1. Apply a basic core of scientific and quantitative knowledge to enhance understanding of biomanufacturing processes and methods.
2. Understand and apply basic skills essential for following Standard Operating Procedures (SOPs).
3. Develop and maintain a notebook of laboratory records.
4. Analyze and evaluate the effect of variables on experimental results including enzymes, reaction time and protocol adherence.

Assessment (How do or will students demonstrate achievement of each outcome? Please attach a copy of your assessment electronically.)

Validation (What methods have you used or will you use to validate your assessment?)

Results (What do your assessment data show? If you have not yet assessed student achievement of your learning outcomes, when is assessment planned?)

Follow-up (How have you used or how will you use the data to improve student learning?)

Budget Justification (What resources are necessary to improve student learning?)