

Bates Technical College

Biotechnology Laboratory Technician

Independent Biotech Project Checklist

**NOTE: To graduate, students are required to complete 18 credits of Biotechnology Laboratory Electives (BTLE). The courses in the 280 series are work-based learning experiences. The courses in the 290 series are independent projects. Since each series has only 10 credits worth of courses and students must complete 18 credits of electives, students must complete both a capstone project and a work-based learning experience.*

Student's Name: _____ **Date:** _____

Score: _____ **Instructor:** _____

Major Duty Area: BTLE 291, 292, 293 Independent Research Project I, II, III

Course Competencies: 29X.01 Complete an advanced biotech project

Instructions: Following instruction and observations in independent research the student will be evaluated either competent or in progress. Student must achieve competent score on all independent research activities as described by their corresponding performance objectives.

Competent	In Progress	
_____	_____	1.) Student consults with instructor to determine project parameters.
_____	_____	2.) Student presents experimental design for project for instructor review and approval.
_____	_____	3.) Student prepares list of necessary reagents and supplies and prepares any ordering documents.
_____	_____	4.) Student conducts project, giving instructor weekly updates on project performance.
_____	_____	5.) Student submits bound notebook and written research report to instructor upon project completion.
_____	_____	6.) Student prepares and presents a poster presentation on the research project.
_____	_____	7.) Student completes steps 1-6 for the first project.
_____	_____	8.) Student completes steps 1-6 for a second project.
_____	_____	9.) Student completes steps 1-6 for a third project.