



Program Assessment Report (PAR)

Biological Sciences (BIO) Associate Degree

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ACADEMIC YEAR COVERED BY THIS REPORT: [AcademicYear]

I. PROGRAM LEARNING OUTCOMES

Graduates will demonstrate foundational knowledge of biology in areas consistent with cells and genes through organisms and ecosystems. Graduates will demonstrate fundamental laboratory techniques fundamental to biology. Graduates will demonstrate effective communication related to scientific findings.

II. PROCEDURES USED FOR ASSESSMENT

A. Direct Assessment

Students will complete final exams in BIO 1120 and BIO 1150 to assess foundational knowledge. Instructor will choose exams at random to assess. Students will complete laboratory reports in BIO 1120 and BIO 1150 to assess proficiency in general biological laboratory techniques. Instructor will choose laboratory reports at random to assess. Students will undertake a semester long research project in BIO 2310 and present their results in the form of a poster. Instructor will have students present reports in class.

B. Scoring of Student Work

Scoring of student work will be in house using rubrics and other methods indicated in procedures used for assessment.

C. Indirect Assessment

[IndirectAssessment]

III. ASSESSMENT RESULTS/INFORMATION:

[AssessmentResult]

[Summary]

[Analysis]

IV. ACTIONS TO IMPROVE STUDENT LEARNING

Information from assessments will be reviewed by all faculty teaching in the Biology AS degree. We will continually monitor assessments to make sure they are still relevant as we gather artifacts from students.

V. SUPPORTING DOCUMENTS

Additional documentation, when provided, is stored in the internal Academic Program Assessment of Student Learning SharePoint site.