General Education Annual Course Assessment Form

Course Number/Title  ____BIOL 55___________  GE Area  ____B4__________

Results reported for AY __2017-2018____  # of sections  ____2_________  # of instructors  ____2_____

Course Coordinator: _Luke Miller______________  E-mail: _luke.miller@sjsu.edu____________

Department Chair: __Jeff Honda______  College: _____Science________________

Instructions: Each year, the department will prepare a brief (two page maximum) report that documents the assessment of the course during the year. This report will be electronically submitted to <curriculum@sjsu.edu>, by the department chair, to the Office of Undergraduate Studies, with an electronic copy to the home college by October 1 of the following academic year.

Part 1

To be completed by the course coordinator:

(1) What GELO(s) were assessed for the course during the AY?

SLO3: arrive at conclusions based on numerical and graphical data

(2) What were the results of the assessment of this course? What were the lessons learned from the assessment?

SLO3: Arriving at conclusions based on numerical and graphical data was assessed using a set of assessment questions given at the start of the semester and end of the semester. These questions required the students to deduce statistical quantities or trends from graphical values and draw experimental conclusions from those values. Overall, an average of 69% of students displayed high proficiency at these tasks at the end of the course, 4% displayed some proficiency, and 27% had marginal proficiency. Compared to the initial percentages of students that displayed mastery of the concepts at the start of the semester, the average increase in highly proficient students was 26% by the end of the semester.

(3) What modifications to the course, or its assessment activities or schedule, are planned for the upcoming year? (If no modifications are planned, the course coordinator should indicate this.)

The current set of graphical assessment questions will be expanded to provide more opportunities for students to demonstrate understanding over the course of the semester.

Part 2

To be completed by the department chair (with input from course coordinator as appropriate):

(4) Are all sections of the course still aligned with the area Goals, Student Learning Objectives (GELOs), Content, Support, and Assessment? If they are not, what actions are planned?
Yes

(5) If this course is in a GE Area with a stated enrollment limit (Areas A1, A2, A3, C2, D1, R, S, V, & Z), please indicate how oral presentations will be evaluated with larger sections (Area A1), or how practice and revisions in writing will be addressed with larger sections, particularly how students are receiving thorough feedback on the writing which accounts for the minimum word count in this GE category (Areas A2, A3, C2, D1, R, S, V, & Z) and, for the writing intensive courses (A2, A3, and Z), documentation that the students are meeting the GE GELOs for writing.

N/A