General Education Annual Course Assessment Form

Course Number/Title  Phil 9  Math/Logic for GE
GE Area  B4

Results reported for AY 20114-2015  
# of sections  2  
# of instructors  2

Course Coordinator:  Prof. Tieszen and Prof Yrigoyen  
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Department Chair:  Janet Stemwedel  
College:  Humanities and Arts

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 SLO(s) were assessed for the course during the AY?

   SLO 1: Mathematical concepts courses should prepare the student to use mathematical methods to solve quantitative problems, including those presented in verbal form.

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

   The course surveys concepts and methods from mathematics and logic, focusing on mathematical logic, computation, sets, numbers, geometry and probability. Each of these areas requires the students to use mathematical methods to solve quantitative problems, including those presented in verbal form. The assessment showed that students adequately met the requirements of SLO 1. Students were given problems in each of the areas on quizzes, examinations, and problem sets from homework assignments. They especially enjoyed applications of mathematical logic by use of translations from verbal passages. Students also liked learning about the use of logic gates in computer circuit design. The sections on number theory, the binary system, and concepts in algebra were also favorites of the students. Most of the students had heard of the binary system, but had little experience actually using it. They seemed to greatly appreciate knowing its significance in modern computation, given its application to computer programming and nearly every piece of mobile technology that they are so accustomed to using.

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.)

   Concerning this SLO, SLO 1, modification of Philosophy 9 or of its assessment activities does not appear to be required at this point. We will of course continue to monitor Philosophy 9 in the future to determine whether changes are needed.
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 (SLOs), Content, Support, and Assessment? If they are not, what actions are planned?

Yes, Janet Stemwedel

(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 SLOs for writing.

As far as we can tell, this is not relevant to this course.