

**WRIGHT COLLEGE  
PROGRAM/DISCIPLINE ASSESSMENT FORM**

<b>Program/Discipline:</b> Department of Biology	<b>Instructional Manager:</b> Marilyn Young
<b>Semester:</b> Fall	<b>Year:</b> 2007
<b>Department Chair:</b> Alicia Anzaldo & Henry Herzog	

**College Mission:** Wright College is a learning-centered, multi-campus institution of higher education offering students of diverse backgrounds, talents, and abilities a quality education leading to baccalaureate transfer, career advancement, and/or personal development.

**Program/Discipline Mission:** The mission of the Biology Department is to open doors to the future for our students. To accomplish this mission the curriculum is designed and organized to prepare competent and effective students who can use biological principles and who can critically think, read, and demonstrate quantitative and technological literacy. With these skills, biology students can successfully achieve their life goals and make informed judgments concerning the medical and environmental worlds.

<b>A. Departmental Concerns - Complete During Inservice Week</b>	
<b>Evidence:</b>	<b>Despite departmental data indicating that students are concerned about environmental issues, further data indicates that these students are not actively involved in contributing or volunteering their time to help the environment.</b>
<b>Area of Focus:</b>	<b>Examine the reason(s) why students are not contributing or volunteering their time to help the environment and provide opportunities to participate in these activities.</b>
<b>B. Program/Discipline Assessment Plan - Complete During Inservice Week</b>	
<b>Course(s) of Interest</b>	Biology 119: Environmental Biology  Biology 299: Independent Study
<b>Intended Program Student Learning Outcomes</b>  List and number each outcome to be measured during this cycle.	7. Students will apply understanding of biological principles learned in the classroom in the community at large.  8. Students will gain an understanding of current global environmental and health concerns.

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<p><b>Departmental Assessment Coordinator(s):</b></p> <p>List the instructor(s) leading the assessment process for each outcome listed above.</p>	<p>Kurt Leslie</p> <p>Joseph Oyugi</p>
<p><b>Assessment Process</b></p> <p>Address the following questions:</p> <p><b>What</b> approach will be used?</p> <p><b>Why</b> was this process selected?</p> <p><b>How</b> will student learning be measured?</p> <p><b>When</b> will data collection be completed?</p> <p><b>Who</b> will analyze the results?</p>	<p>What: Students will be given pre and post surveys which will include an environmental competency quiz, designed to measure their involvement in and awareness of their community. Students will be encouraged to actively participate in college sponsored field labs and service learning.</p> <p>Why: Students enrolled in BIO 119 sections are most directly addressing environmental concepts in the course curriculum.</p> <p>How: A pre survey will be given at the start of the semester. A post survey will be given at the end of the semester. The successful completion of field labs and service learning will be monitored and recorded. <b>Success rates will be compared to those of previous semesters.</b></p> <p>When: Data will be collected in the fall semester. Data will be analyzed in the spring semester.</p> <p>Who: Kurt Leslie &amp; Joseph Oyugi</p>
<p><b>Criteria for Success</b></p> <p>For the outcomes listed above, identify the criteria used to determine success.</p>	<ol style="list-style-type: none"> <li>1. A majority of students participating in the environmental competency quiz, will respond in a way that indicates environmental awareness.</li> <li>2. 80% of students who complete the course, successfully participated in field labs and service learning.</li> <li>3. <b>Data will indicate a significant increase in successful completion by students.</b></li> </ol>

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<b>C. Assessment Results and Action Plan – Complete in Spring 2008</b>	
<p><b>Summary of Results and Analysis of Data Collected</b></p> <p>What were the results of the assessment process?</p> <p>What was learned from the results?</p>	
<p><b>Action Plan Based on Results and Analysis</b></p> <p>Based on what was learned, what steps will be taken to improve student learning?</p>	

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