

**WRIGHT COLLEGE
PROGRAM/DISCIPLINE ASSESSMENT FORM**

Program/Discipline: Department of Biology	Instructional Manager: Marilyn Young
Semester: Fall	Year: 2007
Department Chair: 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.

A. Departmental Concerns - Complete During Inservice Week	
Evidence:	2006 Data from student surveys issued in BIO 121 & BIO 226 indicates that students perceive an inadequate use of technology during laboratory activities
Area of Focus:	How does the department increase the use of technology into laboratory activities in these courses?
B. Program/Discipline Assessment Plan - Complete During Inservice Week	
Course(s) of Interest	Biology 121: Introductory Biology Biology 226: Anatomy & Physiology I
Intended Program Student Learning Outcomes List and number each outcome to be measured during this cycle.	6. Students will demonstrate competency in the use of current technology to solve problems, interpret data and develop reasoning skills.

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<p>Departmental Assessment Coordinator(s):</p> <p>List the instructor(s) leading the assessment process for each outcome listed above.</p>	<p>Darlene Attiah Helen Rarick</p>
<p>Assessment Process</p> <p>Address the following questions:</p> <p>What approach will be used? Why was this process selected? How will student learning be measured? When will data collection be completed? Who will analyze the results?</p>	<p>What: The department will develop and incorporate newly designed lab activities that utilize technology.</p> <p>Why: The use of technology in lab activities will promote student engagement with course concepts.</p> <p>How: The department will issue surveys to the students to measure student satisfaction in regard to the use of technology during lab activities. The department will compare final grades and successful completion between last semester (little use of technology) with this semester (incorporation of technology).</p> <p>When: Data will be collected in the fall semester. Data will be analyzed in the spring semester.</p> <p>Who: Darlene Attiah Helen Rarick</p>
<p>Criteria for Success</p> <p>For the outcomes listed above, identify the criteria used to determine success.</p>	<ol style="list-style-type: none"> 1. A majority of BIO 226 students polled, will show a significant increase in their satisfaction in regards to the use of technology during lab. 2. A majority of students will indicate that the current BIO 121 lab manual demonstrates practices for technology application. 3. Data will indicate a significant increase in the successful completion of the course by students.

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

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