Course Outcomes Form
Northwest Indian College

All hand-outs are posted on the faculty website at www.nwic.edu/faculty (follow the Assessment link)

Before completing this form, please refer to the *Instructions for Completing the Course Outcomes Form.* Please submit this form electronically to amkarlberg@nwic.edu.

Last date this form was updated or edited	September 30, 2005
Course Number (e.g., ENGL 101)	BIOL 101
Course Name (e.g., English Composition I)	Introduction to Biology
List all instructor(s) who participated in creating and approved these course outcomes (please consult with at least one other person)	Rochelle Troyano
List the main textbooks, readings or other resources used in this course (including title, year and publisher)	

A. NWIC outcomes: From the *List of NWIC Outcomes*, in order of priority, select the *most* important outcomes you *assess* in this course (at least **one** NWIC outcome must be chosen).

NWIC outcome # (e.g., "Written communication: 2a. Write standard English")	**Instructional Activities: How will students master this outcome? (e.g., solving problems, group activity)**	**Assessment/Evaluation Strategies: How will you measure this outcome? (e.g., student presentations, essays)**
Written Communication: 2a. Write standard English	Write answers to essay questions	Essays clearly answer questions
Computer skills: 4d. Use the Internet for research	Find, access, and navigate websites	Student summarizes and discusses material found during internet search

B. Course outcomes: In order of priority, list the *most* important other learning outcomes for this course that you **assess** (a maximum of 8).

Other course outcomes: Complete the sentence – **As a result of this course, students will be able to…**	**Instructional Activities: How will students master this outcome? (e.g., solving problems, group activity)**	**Assessment / Evaluation Strategies: How will you measure this outcome? (e.g., student presentations, essays)**
1. Explain basic plant and animal cell biology	1. lecture material based on text 2. use of Internet-based learning activities 3. lab exercises with models to elucidate processes	1. Exams/quizzes employing combination of multiple choice, true/false/short answer questions 2. Weekly or bi-weekly reflection papers to enhance recall
2. Describe energy transformations such as photosynthesis, cellular respiration and metabolism	1. lecture based on text 2. use of Internet-based learning activities 3. laboratory exercises with models to elucidate processes	1. Exams/quizzes employing combination of multiple choice, true/false/short answer questions 2. Weekly or bi-weekly reflection papers to enhance recall
3. Describe animal and plant adaptations to their environment	1. PowerPoint presentations on adaptations 2. Class discussion of awareness of adaptations 3. Lecture material	1. essays questions in exam format 2. weekly reflection papers to enhance recall 3. student presentations 4. student research papers
4. Explain how animal behavior relates to human behavior	1. guest lectures 2. lecture material 3. class discussions	1. essays questions in exam format 2. weekly reflection papers to enhance recall 3. student presentations 4. student research papers

C. List the NWIC outcomes and course outcomes from above on your syllabus.