



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 Shidon Aflatooni at saflatooni@nwic.edu.

Last date this form was updated or edited	24 April 2007
Course Number (e.g., ENGL 101)	BIOL 3XX
Course Name (e.g., English Composition I)	<u>Ecology</u> Field Study Methods for Ecology
List all instructor(s) who participated in creating and approved these course outcomes (please consult with at least one other person)	Brian Compton, Dan Burns, Ted Williams
List the main textbooks, readings or other resources used in this course (including title, year and publisher)	Henderson, P.A.H. 2003. Practical methods in Ecology. Malden, MA: Blackwell Publishing. ISBN number: 1-405-10244-6.

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

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)
Outcome 1a. Students will demonstrate an understanding of a sense of place.	Weekly field exercises	Written and oral presentation
Outcome 2a. Students will be able to write standard English.	Written lab reports	Written lab reports
Outcome 2b. Students will be able to write in a variety of text forms using various credible sources.	Written lab reports Research proposal Research project	Written lab reports Research paper
Outcome 5b. Students will use analytical and critical thinking skills to draw and interpret conclusions.	Collection and analysis of field data Written lab reports	Written lab reports Research paper Midterm and final exams

B. Course outcomes: In order of priority, list the most important other learning outcomes for this course that you assess (a maximum of 10).

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)
Design a study that describes the distribution and abundance of plants or animals in the field.	Weekly field labs Lecture Preparation of a research proposal	Weekly field lab write-ups Research proposal Research paper
Collect and analyze field data.	Weekly field labs Lecture Research paper	Weekly field lab write-ups Midterm and final exams Research paper
Prepare a field study report that is supported by statistically significant data.	Weekly field labs Lecture Research paper	Weekly field lab write-ups Research paper
Quantify the distribution and abundance of plants.	Weekly field labs Lecture	Weekly field lab write-ups Midterm and final exams Research paper
Quantify the distribution and abundance of animals.	Weekly field labs Lecture	Weekly field lab write-ups Midterm and final exams Research paper
Estimate the species richness and diversity of wildland habitats.	Weekly field labs Lecture	Weekly field lab write-ups Midterm and final exams Research paper

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

D. Please assess the NWIC outcomes and course outcomes, which are listed above, in your classes.