



Course Outcomes Form

Northwest Indian College

Follow the *Instructions for Completing the Course Outcomes Form*, which is available on the **NWIC Assessment Website** at <http://www.nwic.edu/assessment/course-outcomes>

Please submit this form electronically to the chair of the Curriculum Committee

It is important to keep the following principles in mind when completing this form:

- Regardless of the mode of learning (i.e., face-to-face, Independent learning, ITV, online, etc.) or the location of a course, only one course outcomes form is to be created for each course.
- Regardless of the mode of learning or the location of a course, the **NWIC outcomes** and the **Course outcomes** must be the same for each course.
- The **Instructional activities** and the **Assessment/evaluation strategies** may differ depending on the mode of learning. Please indicate the **Instructional activities** and the **Assessment/evaluation strategies** that are different from the face-to-face class (e.g., “IL: Essay”).

Last date this form was updated or edited	1/12/2013
Course Number (e.g., ENGL 101)	ENVS 340
Course Name (e.g., English Composition I)	Oceanography
List the names of all instructor(s) who participated in creating and approved these course outcomes (please consult with at least one other person)	Jeff Campbell, Marco Hatch, John Rombold, Terry Plake, Brian Compton, Joel Green, & Charlotte Clausing
List the main textbooks, readings or other resources used in this course (including title, year and publisher)	Garrison, Tom. 2012. Essentials of Oceanography, 6th Edition. Cengage Press ISBN: 9780840061553 / 0840061552

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)
1. Cultural: <ul style="list-style-type: none"> ○ sense of place 	Field work	Research projects, quizzes and exams
2. Written communication skills: Students will be able to... <ul style="list-style-type: none"> ○ write standard English. ○ write in a variety of text forms using various credible sources. 	Research paper Compilation of a bibliography	Research paper Assessment of credibility
3. Oral communication skills: <ul style="list-style-type: none"> ○ Students will be able to apply effective presentation skills. 	Research paper	Final presentations

4. Quantitative skills: (5a) <ul style="list-style-type: none"> propose solutions to and solve real-world problems by applying the correct numerical data. use analytical and critical thinking skills to draw and interpret conclusions. 	Research project	Research paper discussion section
	Data analysis	Research paper.

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)
1. characterize marine waters in terms of: tidal flows, ecological functions of estuaries, salinity regimes, dissolved oxygen, nutrient sources and sinks, and fate of pollutants.	Through lectures and field exercises.	Quizzes, midterm, and final exams
2. articulate the importance of primary consumers as critical links in the productivity of marine food webs.	Through lectures and field exercises.	Quizzes, midterm, and final exams
3. identify local marine flora, and fauna, and describe their life histories.	Field studies, and beach walks	Through the practical portion of the final exam
4. describe nutrient cycling, and the interplay between inorganic nutrients and primary production in the marine environment.	Lectures and field exercises	Quizzes, midterm, and final exams

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

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