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	4/25/06
Course Number (e.g., ENGL 101)	ENVS 265
Course Name (e.g., English Composition I)	Introduction to GIS
List all instructor(s) who participated in creating and approved these course outcomes (please consult with at least one other person)	Michael Cochrane
List the main textbooks, readings or other resources used in this course (including title, year and publisher)	Getting to Know ArcView GIS 3rd Edition. ESRI Press. 1999.
	North Puget Sound Ecological Characterization. Northwest Indian College and National Oceanic and Atmospheric Administration CD-ROM. 2003. *http://nwic-research.org*

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).

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)**
Computer Skills: 4d. use the Internet for research	Download appropriate GIS coverages for the project.	Successful project completion.
Computer Skills: 4e. use E-mail for communication	Contact with the instructor.	Appropriate use of email format.

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)**
Create shape files and themes.	Complete 40 of 49 Exercises from Tutorial. Complete Project.	Individual Project Development. Develop coverage and shapefiles in own area of interest. May use North Puget Sound Ecological Characterization for baseline data.
Develop appropriate projection.	Complete 40 of 49 Exercises from Tutorial. Complete Project.	Individual Project Development. Develop coverage and shapefiles in own area of interest. May use North Puget Sound Ecological Characterization for baseline data.
Incorporate Excel spreadsheet files and demonstrate data query techniques.	Complete 40 of 49 Exercises from Tutorial. Complete Project.	Individual Project Development. Develop coverage and shapefiles in own area of interest. May use North Puget Sound Ecological Characterization for baseline data.
Develop coverages.	Complete 40 of 49 Exercises from Tutorial. Complete Project.	Individual Project Development. Develop coverage and shapefiles in own area of interest. May use North Puget Sound Ecological Characterization for baseline data.

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