



# Course Outcomes Form Northwest Indian College

Hand-outs are posted on the Assessment website (<http://ww2.nwic.edu/faculty/assessment/assessment.htm>)

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

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

- 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 should be completed 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 a course.
- The **Instructional activities** and the **Assessment/evaluation strategies** may differ depending on the mode of learning. Please note **Instructional activities** and the **Assessment/evaluation strategies** that are different from the face-to-face class in each box (e.g., "IL: Essay").

<b>Last date this form was updated or edited</b>	9/15/2007
<b>Course Number (e.g., ENGL 101)</b>	CMPS 225
<b>Course Name (e.g., English Composition I)</b>	Introduction to Programming
<b>List all instructor(s) who participated in creating and approved these course outcomes (please consult with at least one other person)</b>	Gary L. Brandt
<b>List the main textbooks, readings or other resources used in this course (including title, year and publisher)</b>	<u>Programming with Alice</u> , ISBN 0-13-187289-3
	Instructor supplied materials

**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**).

<b>NWIC outcome # (e.g., “Written communication: 2a. Write Standard English”)</b>	<b>Instructional Activities: How will students master this outcome? (e.g., solving problems, group activity)</b>	<b>Assessment/Evaluation Strategies: How will you measure this outcome? (e.g., student presentations, essays)</b>
Written Communication 1. Write in standard English. 2. Write a technical paper using various credible sources.	3. Choose a topic from a provided list 4. Submit a rough draft following the report guidelines 5. Submit a corrected final draft	1. Format follows guidelines 2. References cited properly 3. Spelling and grammar meet acceptable standards

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

<b>Other course outcomes: Complete the sentence – As a result of this course, students will be able to...</b>	<b>Instructional Activities: How will students master this outcome? (e.g., solving problems, group activity)</b>	<b>Assessment / Evaluation Strategies: How will you measure this outcome? (e.g., student presentations, essays)</b>
Design and Implement in a computer program.	Lecture, tutorials, textbook and hands-on activities	Design and implement a program that displays, “Hello world”.
Use Objects and Event-Driven Concepts in a computer program.	Lecture, tutorials, textbook and hands-on activities	Design and implement a program that illustrates an event-driven action upon an object.
Use Functions and Control Statements in a computer program.	Lecture, tutorials, textbook and hands-on activities	Design and implement a program that utilizes at least two functions and one control statement.
Use Definite and Indefinite Loops in a computer program.	Lecture, tutorials, textbook and hands-on activities	Design and implement a program that demonstrates the difference between a definite and an indefinite loop.
Use Menus and Dialog boxes in a computer program.	Lecture, tutorials, textbook and hands-on activities	Design and implement a program that uses one menu and one dialog box.
Use Variables and Operators in a computer program.	Lecture, tutorials, textbook and hands-on activities	Design and implement a program that uses at least two variables and at least six of the nine operators.
Use Decision Structures in a computer program.	Lecture, tutorials, textbook and hands-on activities	Design and implement a <i>program that uses an If...then and an If...then...else control structure.</i>

**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.**