



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").

Last date this form was updated or edited	May 14, 2012
Course Number (e.g., ENGL 101)	CMPS 230
Course Name (e.g., English Composition I)	Programming in C++ I
List all instructor(s) who participated in creating and approved these course outcomes (please consult with at least one other person)	Gary Brandt Ted Williams
List the main textbooks, readings or other resources used in this course (including title, year and publisher)	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**).

NWIC	Instructional Activities:	Assessment/Evaluation Strategies:
Written Communication 1. Students will be able to write in standard English Write a technical paper using various credible sources	1. Choose a topic from a provided list 1. Submit a rough draft following the report guidelines 2. Submit a corrected final draft	1. Format follows guidelines 1. References cited properly 2. 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).

As a result of this course, students will be able to...	Instructional Activities	Assessment / Evaluation Strategies
Setup IDE for appropriate compiler	Textbook guided tutorials Projects	Quiz Student Presentations
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.
Design programs in a structured format	Lecture, tutorials, textbook and hands-on activities	Describe the structure of a C++ program to include the semi colon and comments
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</i> control structure.

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.