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	2/14/07
Course Number (e.g., ENGL 101)	CMPS 244
Course Name (e.g., English Composition I)	TCP/IP Networking
List all instructor(s) who participated in creating and approved these course outcomes (please consult with at least one other person)	Gary Brandt
List the main textbooks, readings or other resources used in this course (including title, year and publisher)	Forouzan, Behrouz A. : TCP/IP Protocol Suite: McGraw Hill, ISBN 0-07-246060-1

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)**
Written Communication: 2a. write in standard English	Choose a topic from a provided list Submit a rough draft following the report guidelines Submit a corrected final draft	Format follows guidelines References cited properly Spelling and grammar meet acceptable standards
Written Communication: 2b. Write a technical paper using various credible sources	Choose a topic from a provided list Submit a rough draft following the report guidelines Submit a corrected final draft	Format follows guidelines References cited properly 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 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)**
Outline the basic concepts and underlying technologies that are needed to support the TCP/IP protocols.	Lecture, Internet research, textbook and hands-on activities	Textbook exercises, class discussion, successfully create working models, and quizzes that demonstrate a conceptual understanding
Discuss the protocols in the network and transport layers by listing the various protocols and what the protocols do.	Lecture, Internet research, textbook and hands-on activities	Textbook exercises, class discussion, and quizzes
Discuss the traditional application programs that use the network and transport layer protocols.	Lecture, Internet research, textbook and hands-on activities	Textbook exercises, class discussion, successfully demonstrate a working knowledge of two applications, and quizzes
List various issues and topics relatively new to the Internet that have been or will be implemented within the past three years.	Lecture, Internet research, textbook and hands-on activities	Textbook exercises, class discussion, and quizzes about new issues and topics developed within the last three years.
Develop a network security plan based upon industry-standard Internet security concepts and issues.	Lecture, Internet research, textbook and hands-on activities	Textbook exercises, class discussion, successfully create working models that demonstrate industry-standard network security principles, and quizzes

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.