



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	2/16/06
Course Number (e.g., ENGL 101)	CMPS 140
Course Name (e.g., English Composition I)	Networking I
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)	<u>Introduction to Networking</u> , Richard A. McMahon, Sr, ISBN 0-07-222678-1

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 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 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)
Discuss Basic Networking Concepts by describing (1) human and computer networks, (2) three benefits of networks, and (3) the five different	Lecture Text exercises Multi-media presentations	Short answer quiz Multiple choice Essay Class discussion

types of networks.		
Describe Network Components through: (1) describing four typical network components, (2) distinguishing between three different types of network media, and (3) installing and configure a network interface card.	Lecture Text exercises Multi-media presentations Hands-on	Short answer quiz Multiple choice Essay Class discussion Functioning NIC
Communicate Over Networks by describing: (1) network communication; (2) computer addressing; (3) network communication protocols; and (4) three network topologies	Lecture Text exercises Multi-media presentations	Short answer quiz Multiple choice Essay Class discussion
Install two Network Operating Systems	Install and configure Windows Server. Install and configure a Linux Server	Functioning Network Operating System
Access the Network Using Network Clients by (1) Installing and configure a Windows XP Professional Workstation and (2) Installing and configure a Linux workstation.	Lecture Text exercises Install Operating System	Functioning Operating System Network access
Build a Directory Service	1. Describe Windows 2000 Active Directory. 2. Expand your network's directories.	
Create Network File Systems	1. Describe Windows file storage. 2. Utilize your network file systems.	
Print over Networks	1. Understand network printing. 2. Describe Windows network printing.	
Secure Networks	1. Identify threats to your network. 2. Plan for a secure network.	
Manage a Network	1. Describe Windows network management tools. 2. Implement Windows network management.	

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