

**JOLIET JUNIOR COLLEGE
DEPARTMENT OF COMPUTER INFORMATION
AND OFFICE SYSTEMS**

COURSE SYLLABUS

Course Prefix and Number	CIS 119
Course Title	Networking Basics
Curriculum	Computer Information & Office Systems
Lecture	1
Lab	0
Credit Hours	1
Prerequisites	None

Catalog Description

This course discusses the basic concepts of computer networking. This will be a non-technical approach explaining the need for networking step by step. Topics include Purpose of Networking, Networking Hardware and Software, Networking Operating Systems, LAN, WAN and Internet.

Course Objectives: See attached.

Prepared by:

Reviewed by:

S. LaFevers
Dept. of CIOS
6/02

Ram Raghuraman
Department Chairperson Date

STUDENT MATERIALS

A. Textbook

Title: Networking Basics, 2nd Edition

Author: Ciampa

Publisher: Southwestern

B. Other Required Materials

C. Student Evaluation (Type of Grading)

Projects, Homework, Final exam.

<u>Week/Days</u>	<u>Topic or Class Activity</u>	<u>Teaching Aids or Special Instruction</u>
1	Introduction to Networking <ul style="list-style-type: none"> • Network Building Blocks 	
2	Network Hardware and Software <ul style="list-style-type: none"> • Cabling and Hardware • Models and Standards • Protocols 	
3	Networking Operating Systems <ul style="list-style-type: none"> • Microsoft Windows 2000 • Microsoft XP 	
4	Networking Topologies <ul style="list-style-type: none"> • LAN • WAN • MAN • Wireless 	
5	Projects/Final Exam	

OBJECTIVES

At the end of the course the students will be able to:

1. Understand the basics of computer hardware and software.
2. Know what an operating system is.
3. Understand the concept of networking.
4. Work with internet and with a browser.
5. Understand the basics of windows.
6. Utilize basic word processing, spreadsheet and database skills.
7. Send and receive e-mail.