



## SYLLABUS

**Course:** MGT 347 - Computer Network & Intranets, Group 141I – McLean

**Instructor:** Jack L. Espinal

**Contact:** I am generally available at home in the evenings. Feel free to call me at home or at work. If I am not at my desk leave a message and I will call you back.

**Web Page:** <http://www.jespinal.com>

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### COURSE LEARNING OBJECTIVES

Students will be able to define and use terms and concepts used to describe networks and the Internet. They will be able to relate these terms to business communications problems.

1. Students will understand how networks and the Internet have evolved and be able to describe how they are used in a business environment.
2. Students will be able to discuss analog and digital methods for communication.
3. Students will be able to describe how modems, routers, switches and hubs work and how they keep transmissions between computers accurate.
4. Students will be able to explain and use network and Internet technology.
5. Students should be able explain the factors that have caused the exponential growth of the Internet.
6. Students should be able packet switching and why it is important to computer networks.
7. Students will be able to describe the functions of an ISP and be able to select one for a business activity.
8. Given a website requirement, students will be able to select an appropriate website host.
9. Students will be able to explain the purpose of a protocol and their importance to computer networks.
10. Students will be able to develop and explain a computer naming model.
11. Students will be able explain the reasons behind TCP/IP's selection over other networking protocols.
12. Students will be able to explain and select appropriate search engines to find information on the Internet.
13. Given a new website, students will be able to explain how to best get it listed on Internet search engines.
14. Students will be able to explain and demonstrate the use of FTP and TELNET.
15. Students will be able to explain the factors that have made e-commerce successful.

### COURSE TEXT BOOKS

Comer, D. 2000. **The Internet Book**. Prentice Hall. Upper Saddle River, NJ 07458.

Price, R. 2001. **Annual Editions - Internet and Business 01/02**. McGraw-Hill. Guilford, Ct 06437.

### READING AND ASSIGNMENTS

<b>Dates</b>	<b>Day</b>	<b>Session</b>	<b>Assignments</b>
12 Aug 2003	Tuesday	1	Comer Ch 1-2, 4-5 Complete Study Guide Questions
19 Aug 2003	Tuesday	2	Comer Ch 8-9, 11 Complete Study Guide Questions
26 Aug 2003	Tuesday	3	Comer Ch 12-16 Complete Study Guide Questions
2 Sep 2003	Tuesday	4	Comer Ch 17-19 Complete Study Guide Questions
9 Sep 2003	Tuesday	5	Comer Ch 22, 25 Complete Study Guide Questions
16 Sep 2003	Tuesday	6	Comer Ch 27-28 Complete Study Guide Questions

Please download the Study Guide Questions for The Internet Book from my website (<http://www.jespinal.com>). Answer them as you read each week's assignment. This will help you understand the material, prepare you for the classroom exercises, develop questions to ask me in class. Answers to the study guide questions must be submitted in your own handwriting at the beginning of each class session for you to get course credit. Typed answers or photocopies will not be accepted.

## GRADED ASSIGNMENTS & GRADING SCALE

<b>Graded Assignment</b>	<b>Points Possible</b>
Homework: 10 pts per session due at the class start (No late submissions)	60Points
Quizzes - 6, each worth 10 points (Count Best 5)	50 Points
In-class Exercises - 6, each worth 10 points (Count Best 5)	50 Points
Executive Summary Paper	100 Points
Article Review Presentation	50 Points
Class Attendance (-10 points for each class missed)	

<b>Course Percentage</b>	<b>Course Grade</b>
90 - 100 Percent	A
80 - 89 Percent	B
70 - 79 Percent	C
60 - 69 Percent	D
Below 60 Percent	F

### ATTENDANCE

Attendance at all class sessions is mandatory for all students. However, if you do miss a session we will negotiate a learning contract to make up the work for the session. A typical makeup assignment would be to visit the Smithsonian's Information Age Exhibit and write a paper on how electrical/electronic communications were covered in the museum and include information about the specific objects that were used in the displays. You will still be responsible for homework and deliverables due that class session but you will get credit for them only if they are received before the missed class session. Please be aware that it will be difficult for you to keep up with your other assignments and complete a learning contract. Missing over two sessions requires the makeup of the entire course.

Please notify me ahead of time if you know that you will have to miss a session so that we can both plan accordingly.

### ACADEMIC HONESTY

It is expected that all material submitted as part of any class exercise an/or course requirement, in or out of class, is the actual work of the student whose name appears on the material or is properly documented otherwise. In addition, no assistance is to be obtained from commercial organizations that sell or lease research help or written papers.

### NLU'S AMERICANS WITH DISABILITIES ACT (ADA) POLICY

NLU seeks to ensure that its programs are accessible to all persons. Students in need of special assistance or an accommodation regarding any of the course requirements as outlined in this syllabus, the course objectives and/or course evaluation and assessment criteria, are advised to notify me within the first two weeks of class. We will meet privately to discuss a resolution of your issue, which may or may not include an appropriate referral (e.g., a Writing Specialist, the academic Accommodations Coordinator, the Director of Diversity, or the Office of Student affairs). Confidentiality will be maintained regarding your special needs.

### Course Web Page

The course web page has supplemental materials as well as many of the practical exercises that are used in class. It is located at <http://www.jespinal.com>. Browse the web page to see what is available.