



Lincoln University

CS 70 – The Internet

COURSE SYLLABUS

2018

Instructor:

Lecture Schedule:

Credits: 3 units / 45 lecture hours

Level: Introductory (I)

Office Hours:

e-mail:

Textbooks: Enhanced Discovering Computers, Introductory: Your Interactive Guide to the Digital World, by Gary Shelly and Misty Vermaat, Course Technology, 2013, ISBN-10: 1133593461

Last Revision: January 3, 2018

CATALOG DESCRIPTION

An introduction to the Internet and HTML publishing. Discussions will focus on the use of the Internet applications to access the Internet resources and to create intranets for use inside an organization. Among topics: setting up network connections to the Internet, e-mail, news, FTP, and Web servers, creating Web pages using HTML and Java, converting existing documents into Web documents, CGI programming. (3 units)

EDUCATIONAL OBJECTIVES

Students will learn about the latest available computer, networking, and the Internet technologies, practice the use of the Microsoft Windows operating system, business applications in the Microsoft Office 2010 package, and the use of open source software and the Internet applications and resources.

COURSE LEARNING OUTCOMES¹

Course LO	Program LO	Institutional LO	Assessment Activities
Demonstrate a familiarity with the latest digital trends, including IoT, blockchain, and AI.	PLO 1	ILO 1a, ILO 2a, ILO 3a	Homework, participation in the in-class discussions.

¹ Detailed description of learning outcomes and information about the assessment procedure are available at the [Center for Teaching and Learning](http://ctl.lincolnuca.edu) website (ctl.lincolnuca.edu).

Be able to identify technological needs of an organization and propose efficient solutions.	PLO 2	ILO 1a, ILO 6a	Participation in the in-class discussions; case studies, course project
Demonstrate an understanding of issues related to ethics, security, and privacy of digital communications.	PLO 3	ILO 2a, ILO 7a	Course project, homework, in-class discussions
Be able to identify the major components and resource requirements for organization's digital transition.	PLO 4	ILO 1a, ILO 2a, ILO 5a	Case studies, course project.

INSTRUCTIONAL METHODS

This is a direct classroom instruction course.

Lecture method is used in combination with the practical use of business software and the Internet. The emphasis will be on learning by doing. Every student must participate in an intensive classroom activity. Reading, writing, and computer assignments will be made throughout the course.

Assignments and projects require students to actively use resources of the library. Detailed guide to business *resources of the library* as well as the description of Lincoln University approach to *information literacy* are available at the [Center for Teaching and Learning](http://ctl.lincolnuca.edu) website (ctl.lincolnuca.edu).

OTHER REQUIREMENTS

All students are required to attend the class. Continuous assessment is emphasized. Written or oral quizzes will be given every week. Students must complete all assignments and take all quizzes, mid-term exam and final exam ON THE DATES DUE. Talking in class, using cell phones, coming late, leaving the room at times other than at break time is not allowed. Plagiarism/cheating will result in the grade "F" and a report to the administration.

ASSIGNMENTS & QUIZZES

Most assignments will be from the textbook. Each assignment is due at the beginning of the following class. You can return your assignments electronically if you desire. Quizzes will take place at the beginning of the course, after collecting assignments and answering questions. Quizzes are designed to last 20 minutes and are based on the material in the assignment.

TESTING

Classroom activities	every week	10%
Assignments	every week	10%
Quizzes	as scheduled	10%
Mid-term exam	as scheduled	30%
Final exam	as scheduled	40%

There will be no make-up for a missed participation in a classroom activity. No make-up exams will be given unless you have the instructor's prior approval obtained in person before the exam

date, with the exception of an extreme emergency. Late assignments will get no credit or reduced credit. Students will not be allowed to use computers or cellular phones during tests.

GRADING

Grades will be determined according to the following percentages awarded for completed work:

Grade	A	A-	B+	B	B-	C+	C	C-	D+	D	F
Points	93-100	90-92	87-89	83-86	80-82	77-79	73-76	70-72	67-69	60-66	0-59

OTHER COMMENTS

- Please participate. What you put into the class will determine what you and others get out of it. You will be asked to go to the board to solve exercises.
- Please come on time. Late arrivals disturb everyone else.
- If you miss a class, you are responsible for getting notes/slide printouts on the material covered from a classmate or the instructor.
- To avoid distracting noise in class, cellular phones must be turned off or the ringing mode silenced.
- Questions and comments during the class are welcome. Do not hesitate to ask questions – do not leave anything unclear for you.

Session	Date	Topics	Chapters
1	01/22	Introduction to Computers	1
2	01/29	The Internet and World Wide Web	2
3	02/05	Application Software	3
4	02/12	HTML, CSS, jQuery	
5	02/19	The Components of the System Unit	4
6	02/26	Input	5
7	03/05	Output	6
8	03/12	Midterm Exam	1-6
	03/19	SPRING RECESS	
9	03/26	Storage	7
10	04/02	Operating Systems and Utility Programs	8
11	04/09	Communications and Networks	9
12	04/16	Database Management	10
13	04/23	Computer Security and Safety, Ethics, and Privacy	11
14	04/30	HTML Project	12
15	05/07	Final	1-11