Lexington Community College **Course Syllabus** **Fall 2002 Room AT 213**

Course: CIS150-402bb**Title: Internet Technologies**bb**Hours**: 3 bb**Prerequisite**: CIS105,CIS110,CIS120 & CIS130

LCC Division: Behavioral Sciences and Information Systems Technologies
Division Secretary: Ginger Porter, AT201, (859) 257-4872, ext. 4000, grport@pop.uky.edu

LCC Program: Computer Information Systems
Program Coordinator: Richard King, AT202B, (606) 257-4872, ext. 4014, newt@uky.edu

Instructor: Stan Schofer, AT201, (859) 257-4872, ext. 4000, sschofer@qx.net
Instructor's Web Page: http://www.cthefuture.com
Office hours: By appointment.

Course Description: This course will provide students with a thorough study of traditional and emerging Internet Technologies. Topics will include Internet fundamentals, Internet applications, Internet client/server information delivery systems, and Internet client/server computing. Students will have hands on experience with a number of Internet applications, including rudimentary programming in an Internet environment

Course Objectives: Upon completing this course, the student can:

· Describe Internet fundamentals such as the history of the Internet, terminology, political considerations on the Internet, electronic commerce, and netiquette;

· Describe Internet technical issues such as network layers, Internet protocols, and connectivity;

· Use Internet applications for e-mail, file transfer, remote access, and documentation delivery;

· Create and publish Internet content

· Use existing scripting applications and create original, client/server applications to enhance information delivery.

Required Text: *E-BOOK*.

Required Supplies: A box of 3.5" High-Density (HD) floppy diskettes (prefer pre-formatted IBM compatible).

Attendance Policy: Attendance is expected at all class meetings. If you are absent, it is your responsibility to contact a classmate and find out what you missed. You are responsible for staying current.

Late Work Policy: Handing the work in late is better than not handing it in at all, but since the rest of the class was diligent enough to get it in on time, I will not give full credit for late work, unless the student has an Excuse Absence . I will accept the assignment the next time the class meets with a 25%.

Written Work: Handing the work in late is better than not handing it in at all, but since the rest of the class was diligent enough to get it in on time, I will not give full credit for late work, unless the student has an Excuse Absence . I will accept the assignment the next time the class meets with a 25% deduction.

Make-up Work Policy: Make-up work will not be given, unless the student has an Excuse Absence .

Test Policy: Tests are required to be taken on the date given, unless permission is given by the instructor prior to the start of the class in which the exam is given or the student has an Excused absence .

Withdrawal Policy: If you wish to drop this class, you may do so without instructor signature up a date specified in the Academic Calendar in the Course Schedule Book. After that date, you must obtain the instructor's signature. That will not be a problem. I will sign drop slips for any student for any reason, and you don't even have to tell me the reason, up to the

last day of classes.

Grading Scale:	
A	grade >= 90 %
B	90 > grade >= 80
C	80 > grade >= 70
D	70 > grade >= 60
F	grade < 60 %

Course Requirements and Grading Criteria:		
Grading Item	**Date Due**	**Points**
Test 1	10/8	20%
Test 2	11/12	20%
Projects (5)	Announced week in advance	30%
Final Exam	**Thurs., Dec. 19 at 7:30 p.m.**	30%
	Total	100%

Fall Course Outline and Topics Covered:	
Date	**Topic for the Day**
week of 8/29	Introduction to class and OSI Model
week of 9/3	OSI Model
week of 9/10	TCP-IP Protocol
week of 9/17	Clients/Server model of network applications FTP application Gopher Application E-Mail Application
week of 9/24	Telenet Application Introduction to UNIX Web and HTTP Protocols
week of 10/1	Web Authoring(HTML Introduction) Using Netscape Composer HTML Structure beginning tags
week of 10/8	HTML Anchor & image tags HTML Tables
week of 10/15	HTML Frame Tags
week of 10/22	HTML Forms Web Programming client side Javascript
week of 10/29	Javascript variables, objects, functions, methods Document Object Model(DOM) Form verification using Javascripts
week of 11/5	Javascript relational and Boolean operators, selection controls, return statement, focus method
week of 11/12	Javascript repetition control structures Server side programming
week of 11/19	Processing Forms Cookies, hidden fields

week of 11/26	Server Side Scripting - PHP
week of 12/3	Introduction to XML, XSL
week of 12/10	Review & Future Developments
Week of 12/17	**Thurs., Dec. 19 at 7:30 p.m.**

Note: Reading of Chapters is expected before discussion of Chapter begins.

Last day to drop a course without a grade - Wednesday, September 18

Last day to withdraw from a class and receive a grade of W - Friday, October 25

Thanksgiving - Thurs Sun, Nov 28-Dec. 1