
Course: CIS110	Title: Operating Systems Concepts	Hours: 3	Prerequisite : CIS105
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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, (859) 257-4872, ext. 4014, newt@uky.edu

Instructor: Stan Schofer, AT201, sschofer@qx.net

Instructor's Web Page: <http://www.cthefuture.com>

Office hours: By appointment.

Course Description: A conceptual and practical overview of operating systems is covered. Topics include: user interfaces such as graphical user interfaces and command syntax interfaces; task management; file systems; network connectivity and resource sharing; and operating systems installation and maintenance. Students will be exposed to multiple operating systems. Hands-on experience with hardware and software is provided

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

- Describe operating systems and their functions.
- Describe basic computer hardware and its function.
- Use several user interfaces, including graphical user interfaces and command syntax, to perform operating system tasks.
- Use and manage file systems for multiple operating systems.
- Utilize available backup/restore facilities on multiple operating systems.
- Utilize task automation techniques for multiple operating systems.
- Customize multiple operating systems.
- Utilize optimization techniques for multiple operating systems.
- Utilize network connectivity and resource sharing.

Required Text: **A Guide to Operating Systems: Troubleshooting and Problem Solving**

Badget, Palmer, and Jonker Course Technology (A division of Thomson Learning) 1999. ISBN 0-7600-1142-7

Required Supplies:

Each student will be required to have a University of Kentucky email account. You are expected to check this account daily for assignment information and to contact me outside office hours and class time.

Students will need web access. You will also be expected to utilize our class website for gaining access to class information and materials. Having a computer at home is not a requirement. Students will have access to open labs at LCC South and LCC Main Campus. Students may also use labs on the University of Kentucky campus.

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. I will accept the assignment the next time the class meets with a 25% deduction.

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
Final Exam	TBA	40% each
Tests - 2	TBA	30% each
	Total	100%

Course Outline and Topics Covered:

Date	Topic for the Day
Wednesday 1/9	Operating System Function Types of Operating Systems Operating System History Multitasking, Chapter 1
week of 1/14	Hardware Platform System Architecture, Chapter 2
week of 1/21	More System Architecture PC processors ,Chapter 2
week of 1/28	File Systems Windows 98/95, UNIX, and Macintosh, Chapter 3
week of 2/4	Preparing for Operating System Installation, Chapter 4
week of 2/11	Test 1
week of 2/11	Operating System Installation, Chapter 4
week of 2/18	Upgrading your Operating System, Chapter 5
week of 2/25	Upgrading your Operating System, Chapter 5
week of 3/4	Input/Output Devices Device Drivers Printer Technologies, Chapter 6
week of 3/18	Modem Architecture Hayes AT Commands Modern Communications, Chapter 7
week of 3/25	Test 2
week of 3 /25 - 4/1	Network Connectivity, Chapter 8
week of 4/8 - 4/15	Sharing Resources Over a Network, Chapter 9
week of 4/22	Operating System Maintenance, Chapter 10
Final Exam	Thurs., May 2 at 7:30 p.m

Last day to drop a course without a grade - Wednesday, Jan. 30

Last day to withdraw from a class and receive a grade of W - Friday, March 8

Spring Break - March 10- 16