

ITSC 1305 – Introduction to PC Operating Systems (3: 2-2)

Informal Description: The world today is now highly computerized. This course introduces students to computer operating systems, including command line and graphical user interfaces

Textbooks/Reference/Materials

- DOS and the art of the command line, R. Craig Collins (TC Media)
- Optional: a Linux reference, such as Linux for Dummies ISBN 0-471-75262-2
- Optional: a Windows book if you are new to computers, such as Windows for Dummies
- Access to <http://www.templejc.edu/dept/cis/CCollins/Collins.htm>
- floppy disks and another file storage (home computer, removable USB drive, etc.)

Course Competencies

CIP Code: 11.0101 (Computer and Information Sciences, General)

Course Title: Introduction to PC Operating Systems

Course Level: Introductory

Course Description: A study of personal computer operating systems. Topics include installation and configuration, file management, memory and storage management, control of peripheral devices, and use of utilities.

Learning Outcomes: Install, configure, and maintain the operating system; perform basic file management operations; organize and allocate primary and secondary storage; access and control peripheral devices; and demonstrate the use of utilities.

COURSE CALENDAR

6 Week Semester	16 Week Semester	Notes	Lecture Topics	Labs
Week 1	Week 1		Syllabus/Orientation	
	Week 2		DOS 1-3	Lab 1 due
	Week 3		DOS 5-6	Lab 2 due
Week 2	Week 4		DOS 7, 10	
	Week 5	Review		Lab 3 due
	Week 6	Test 1	Windows A-C	Lab 4 due
Week 3	Week 7		Windows D-F	Lab 5 due
	Week 8		Windows G-I	Lab 6 due
	Week 9	Review	Windows J	
Week 4	Week 10	Test 2	Linux 5	
	Week 11		Linux 8	Lab 7 due
	Week 12		Linux 9	Lab 8 due
Week 5	Week 13		Future issues	Lab 9 due
	Week 14	Review		
	Week 15	Test 3		Capstone Lab 10 due
Week 6	Week 16	Final		

See course website for current semester's calendar, and holidays

Notes:

ITSC 1305, Continued

DOS Primer*Get help*

Help

close help

[Alt]+F, then S

Get help on a known command

Command /?

Prepare a disk (NOTE: THIS WILL ERASE A USED DISK)

format a:

Change to focus to floppy disk

A:

Search the disk for directories and files

dir or dir /p or dir /w

Make a directory

mkdir

or

md

change to a directory

cd

back up the directory tree

cd ..

repeat a command

[F3]

display the directory tree

tree |more

display the directory tree and files

tree /f |more

display the version

ver

create a text file

copy con filename (8.3 file convention)

Enter text

^Z