**Lesson Notes**

1. What is the main purpose of an Operating System?

* Simpler / More efficient application programs
* Consistent user experience
* Allow multiple applications running at same time

1. What is the difference between Operating System Software and Use Application Software?
2. What is the difference between Operating System Software and Computer Hardware?
3. What are the main parts of an Operating System?
4. What are some popular operating systems?

**Reference Diagram**



<~ windows manager

Device driver ~>

**Student Questions**

1. What is a device driver?
   1. Provide a brief summary – A computing program that that operates or controls a particular type of device that is attached to a computer.
   2. List some devices that require a device driver. – printers, CD-ROM readers, network or sound cards, computer mice or hard disks.
   3. Provide a label on the reference diagram for the location of a device driver for your graphics card. -
   4. Provide a label on the reference diagram for the location of a device driver for a locally attached printer.
2. What is a DLL?
   1. Provide a brief summary – A dynamic link library
   2. Explain how DLLs are related to user application programs – it is Microsoft version of a shared library concept in the Microsoft windows and OS/2 operating systems.
   3. Provide a label on the reference diagram for the location of a DLL – different directories
3. What is a windows manager?
   1. Provide a brief summary – A system software that controls the placement and appearance of windows within a windowing system in a graphical user interface.
   2. Explain how a windows manager is related to user application programs – it helps organize the desktop environment.
   3. Provide a label on the reference diagram for the location of a DLL -
4. What is the windows task manager?
   1. Provide a brief summary – task manager, system monitor, and startup manager included with the Microsoft systems.
   2. List and explain four (4) types of system information provided by the task manager -
   3. Provide a label on the reference diagram for the operating system components related to each type of information.