CSE 3201

Course Outline

Course Outline

- **Operating-System Structures:** Slides + Book (For Explanation)

Focus: Operating Systems Services, User Interface, System Call Details, Unix System Call, System Program, Operating System Design and Implementation, Layered Approach, Microkernel, Modules, Operating System Generation, System Boot.

Book Reference: Operating Systems Concepts **(9th Edition)** – Abraham Silberschatz, ….

- **Process:** Slides + Book (Explanation of figures)

Book Reference: Operating Systems Concepts **(9th Edition)** – Abraham Silberschatz, ….

Course Outline

- **Threads:** Slides + Book (For Explanation)

Guideline: Complete understanding of Java thread+code and example of windows+linux threads is not necessary, just go through. Code segments of Posix threads are necessary, not full code.

Book Reference: Operating Systems Concepts **(9th Edition)** – Abraham Silberschatz, ….

- **CPU Scheduling:** Slides + Book (It's necessary)

Book Reference: Operating Systems Concepts **(9th Edition)** – Abraham Silberschatz, ….

Course Outline

- **Inter-Process Communication:** Slides + Books (It's necessary)

Guideline: All code segments are important. You can see the java code+ animation+video that I have given for full understanding.

Book References: Modern Operating Systems **(3rd Edition)** -- Andrew S. Tanenbaum + Operating Systems Concepts **(9th Edition)** – Abraham Silberschatz, …. (For Semaphore)

- **File Systems:** Slides + Books (It's necessary)

Book References: Modern Operating Systems **(3rd Edition)** -- Andrew S. Tanenbaum + Operating Systems Concepts **(9th Edition)** – Abraham Silberschatz, ….

Course Outline

- Review the questions of CTs for question pattern.

- Try to write exactly and briefly ☺ Long answers are always boring ☹

- **Resources:** You can find all resources available here: (If you are registered)

https://piazza.com/khulna_university_of_engineering_and_technology/winter2015/cse3201/resources