Topic should cover in the 3 classes and 2 hour lab. Important topic mark as bold.

Deadlock:

1. Necessary Condition for deadlock
2. **Resource Allocation graph**
3. Safe sate and **Banker Algorithm**

Memory Management:

1. Memory management basic and Memory management unit
2. Contiguous memory allocation (fixed size and variable size partition)
   - **Best fit, First fit, Worst fit**
3. **Paging and segmentation**

Virtual Memory:

1. Page fault
2. Page replacement and page replacement algorithm (**FIFO, LRU**)
3. **Frame allocation**