**Operating Systems**

**Course Code:**

**Class:** DICT 22J-M1

**Venue:** F (51) &LAB 2

**Time:** Tuesday, 10:30-12:00(F51)

Thursday, 2:30-4:00(LAB 2)

**Trainer:** COLLINS K RONOH

**Email:**ronohcollins8@gmail.com

**MAIN TOPICS**

1. **Introduction to Operating Systems**
2. Meaning and importance of Operating systems
3. Definition of Operating System Terminology- processes, files, system calls, shell ,virtual machines.
4. History of Operating systems-1st to 5th Generation
5. Description of operating systems structure
6. Types of operating systems
7. History of Operating Systems
8. Description of Operating System Structure-Monolithic, layered system and Client server
9. Types of Operating System
10. Job Control-Command languages, Job control and system Manages
11. **Process Management**
12. Process Models
13. Inter process communication
14. Process scheduling
15. Deadlocks
16. Error Diagnosis