



This is a second-year students' laboratory, it represents the practical side of the theoretical study of Operating Systems. which is given for both branches (Information Engineering, Network Engineering) during second semester.

## **LABORATORY OBJECTIVES.**

1. Help students understand and implement memory management techniques and Deadlock, Segmentation, Paging algorithms using C ++ programming language.
2. Introducing students to basic commands of the Linux system, creating C ++ programs and managing networks.
3. Introducing the student to Windows Server systems and how to:
  - a. Manage users, groups, and computers.
  - b. Access files and folders.
  - c. Manage web services.
  - d. Print Management.