

Ministry of Higher Education & Scientific Research

University of Anbar

College of Computer Science
and Information Technology

Computer Networks Systems Department



كلية علوم الحاسوب وتكنولوجيا المعلومات

وزارة التعليم العالي والبحث العلمي

جامعة الأنبار

كلية علوم الحاسوب وتكنولوجيا المعلومات

قسم أنظمة شبكات الحاسوب

Department of Computer Networks Systems

Course Description Form

Course Title: Operating System

Course Code:

Semester: I

Level: B.Sc.

Class: Fourth Class

Academic Year: 2022/2021

Course Instructor: Dr. Omar Munthir Al Okashi

Academic status: Lecturer

Place of work: Computer Networks System Department

Credit Hours: 4

Instructor Office Hours: Sunday: 12:30 – 01: 30, Tuesday: 10:30 - 12

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كَلِيَّةُ عِلْمِ الْحَاسِبِ وَتَكْنُولُجِيَا الْمَعْلُومَاتِ

وَزَارَةُ التَّعْلِيمِ الْعَالِيِّ وَالْبَحْثِ الْعِلْمِيِّ

جَامِعَةُ الْأَنْبَارِ

كَلِيَّةُ عِلْمِ الْحَاسِبِ وَتَكْنُولُجِيَا الْمَعْلُومَاتِ

قِسْمُ أَنْظِمَةِ شَبَكَاتِ الْحَاسِبِ

Lecture Schedule:

Weeks	Topics
Week 1	Introduction and main concepts of Operating Systems
Week 2	OS operations and Functions
Week 3	OS Structures
Week 4	Process Management 1
Week 5	First Month Exam
Week 6	Process Management : Threads
Week 7	Process Management: Synchronization
Week 8	Process Management: CPU Scheduling
	Midterm Exam
Week 9	Process Management: Deadlocks
Week 10	Memory Management
Week 11	Second Month Exam
Week 12	Memory Management: Segmentation
Week 13	Memory Management: Paging
Week 14	Memory Management: Virtual Memory
Week 15	File System