



## Operating System Course Outline and Syllabus

### Instructor

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### Required Textbook:

Operating System Concepts by Silberschatz, Galvin and Gagne 7<sup>th</sup> edition.

### Course Description:

Introduce the students to the essential part of any computer system that is Operating system. an overview of the Operating System and Process management. These topics will include chapter 1 introduction, then chapter 2 operating system Structures. After chapter 3 we will discuss processes, then chapter 5 CPU scheduling will be shown finally chapters 6,7,8 will discuss Deadlocks, Processes Synchronization and Main memory. Students are asked to have search of the latest operating systems.

### Homework:

Homework assignments are not mandatory "your grade will not be affected if you do not do homework assignments". But solving Homework assignments will help you to get a good grade in the course "trust me on this". Late Homework will not be accepted after the due date.

### Examinations:

There will be one midterm and one final examination. All exams will be closed book. Any additional handouts will be supplied before the exam.

### Quizzes:

There will be three quizzes in this class. After finishing two chapters a quiz will be given. If you miss a quiz there is NO MAKE-UP quiz.



**General Rules:**

- If you miss a lecture, you will be responsible to cover the material that you missed. –
- There will be NO MAKE-UP exams, except for excused letter provided by the department supervisor.
  - Any student enters the class after the instructor entered, will be counted as a late entry and will miss 0.5 of the attendance.

**Presentation:**

There will be a presentation on this class. Every student will present some materials in the class. You will be suggested with some topics to choose from.

**Bonus Questions:**

There are questions during lectures, depending on the question level, you be granted 1/4, 1/2 or 1 point. Late on, you will add this point to you quiz grade to get better grade.  
GOOD LUCK.

**The Gold Key:**

Attendance, listening to the lecture, NO side talk during instructor explanation, asking about the lecture and solving homework questions, is the Gold Key. You will get my attention and pass the course with a good grade.

**Grading:**

Final Exam	%35
Midterm	%25
Quizzes	%20
Presentation	%15
Class work	%5

**Time Table:**

Week	Dates by Week	Topic	Title
1	Mar3	Module 1 (Ch1 )	Introduction
2	Mar10	Module 1 (Ch1 )	Introduction
3	Mar17	Module 2 (Ch3 ) (Quiz1)	Process Management
4	Mar24	Module 3 (Ch5 )	CPU scheduling
5	Mar31	Module 3 (Ch5)(Quiz2)	CPU scheduling
6	Apr7	Midterm Exam	
7	Apr14	Module 4 (Ch6 )	Deadlocks, Processes Synchronization
8	Apr21	Module 4 (Ch7 )	Deadlocks, Processes Synchronization
9	Apr28	Module 5 (Ch8 ) (Quiz3)	Main memory
10	May5	Presentation week	
11	yaM12	Presentation week	
12	May19	Final exam	