



# Operating Systems

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## Introduction

Fall 2020



# Teaching Assistants

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- Three Tutors



Vahid



Ehsan



Farbod

# Last Year

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- ...
- No discipline
- Too much complaint

## BUT

- They did what they should
- Good average
- Good cooperation
- Finally learned!

# Last Year

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- Enough time for both Professor's and TA's class.
- Meeting students!
- Half of a day for Professor and the other half for Tutor's session.

# This Year

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“Don’t Care” approach?

OR

“We do care” approach!

- Relation between US and YOU!
- Consider a time for online meeting with you if interested.

# Links

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JOIN to the Online groups



Channel address

<https://t.me/OSCourse>



\*\* Links are available until Friday!

Website

<https://os-course.github.io/>

# Social Groups

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Ask questions

Check website and LMS  
regularly!

Available 24/7

OS related questions!

But not demand for delay and postpone!



# Good NEWS

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- Attending in class is not mandatory.
- Positive points for those who are in class in the time.

# Plan and Schedule for the term

- Schedule is FIXED!

OS Fall 2020 Schedule

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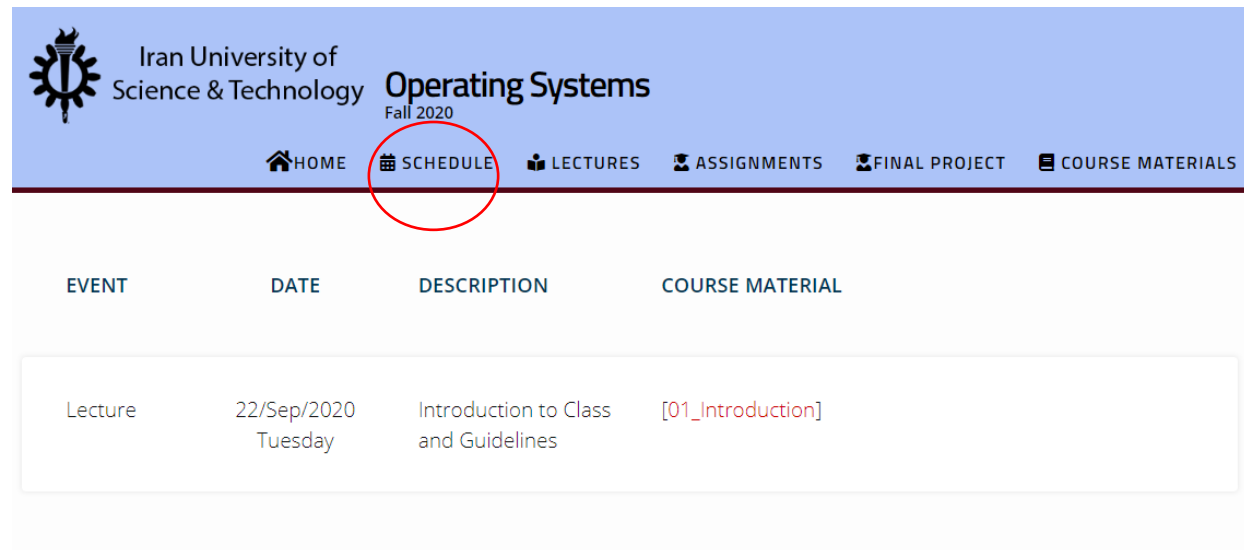
Operating Systems Schedule for Fall 2020

Month	Weeks	Days	Scheme	Quiz	Clas assignment	HomeWork	
Mehr	week 01	01 (22 Sep.)	First Session: Talk and Discussion about Course Policies and requirements				
	week 02	08 (29 Sep.)	Intro to OS: Boot Boot Continued. and Assembly				
	week 03	15 (06 Oct.)	Run an OS -> if enough time boot up our OSI				
	week 04	22 (13 Oct.)	Intro to C programming Advanced C programming: Pointers, Struct	C programming	C programming	Checkout some Segm	
	week 05	29 (20 Oct.)	C continued Intro to linux and its Terminal + bashscript		writing bashscript	implement a simple shell Fork, Exec, Wait	
Aban	week 06	06 (27 Oct.)	CPU API; System Calls Process Management and Xv6 / Inter-Process Communication	bashscript		Project: Process deadline: ----	
	week 07	13 (03 Nov.)	Inter-Process Communication Thread / Lock	IPC			
	week 08	20 (10 Nov.)	Thread / Semaphores Intro to Scheduler	Thread		Project for Threads deadline: ----	
Azar	week 09	27 (17 Nov.)	Scheduler Prepare for midterm: question and answering session				
	week 10	04 (24 Nov.)	Midterm 4 AZAR				
	week 11	11 (01 Dec.)	Midterm results and answers Memory management	Scheduler		Project for Scheduler deadline: ----	
	week 12	18 (08 Dec.)	Memory management Memory management	MM			

# Schedule

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- Check the website
  - <https://os-course.github.io/fall20/schedule/>



The screenshot shows the header of the course website for 'Operating Systems Fall 2020' at the 'Iran University of Science & Technology'. The navigation menu includes 'HOME', 'SCHEDULE', 'LECTURES', 'ASSIGNMENTS', 'FINAL PROJECT', and 'COURSE MATERIALS'. The 'SCHEDULE' link is circled in red. Below the header is a table with the following content:

EVENT	DATE	DESCRIPTION	COURSE MATERIAL
Lecture	22/Sep/2020 Tuesday	Introduction to Class and Guidelines	[01_Introduction]



# Prerequisites

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- For understanding the course
  - Listen!
  - Study the sources
  - Don't fall behind!
  - Follow!
- For homeworks and projects
  - Know the C
    - If you don't, Don't worry. We'll cover up. So, Don't miss coming sessions!
  - Understand the concepts

# Score Policy

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- Quiz 2 - 4
- Class assignments 2 - 4
- HomeWorks/Projects 6 - 8
- Midterm 6 - 8
- Final 6 - 8

# Positive Scores

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- Attending +1
- Active Student +1?+2
- WYOOS +3
  - 95s 21 out of 50 students --- > 23.5 scores
  - 96s 09 out of 54 students --- > 7.25 scores

# Midterm is SET

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- 4 Azar Tuesday.
- 2 hours
- maybe less but not promised.
- Mostly C Programming
- Good internet connections!



# C programming Survey

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[https://docs.google.com/forms/d/e/1FAIpQLSdFevFua0EVbimexpo\\_9Jml7FMH3GE6MoTqcJlyReHb1S3UFQ/viewform?usp=sf\\_link](https://docs.google.com/forms/d/e/1FAIpQLSdFevFua0EVbimexpo_9Jml7FMH3GE6MoTqcJlyReHb1S3UFQ/viewform?usp=sf_link)



# Final Exam

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- Any Kind of Questions
  - Multiple Choice
  - Fill in the blank
  - Short answer
  - Long answer
  - Analytical

# GIT

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- Clone the repository of the course.
- Check for the latest commits.

```
git clone https://github.com/os-course/iustfall20
```

# Groups of 4 or 5

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- [https://docs.google.com/forms/d/e/1FAIpQLSdoChYz3gzSnFcJKq0VYPRGSGO-82X2Pf-3jOzcpBJd0URTxQ/viewform?usp=sf\\_link](https://docs.google.com/forms/d/e/1FAIpQLSdoChYz3gzSnFcJKq0VYPRGSGO-82X2Pf-3jOzcpBJd0URTxQ/viewform?usp=sf_link)
- Until next session

Questions?

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