



Operating Systems

Course Introduction

School of Computer Engineering
Iran University of Science & Technology

Semester 401-2

Outlines

- Lecturer Information
- Teaching Assistants
- Grading Policy
- Review of Course Content
- References

Lecturer Information

- Reza Entezari-Maleki
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Teaching Assistants

- **Shayan Mousavinia** (Email: sh_mousavinia@comp.iust.ac.ir)
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Class Page on Quera

- All of the assignments and projects will be uploaded to our course page on Quera.
- Join the course using the following link:
 - https://quera.org/course/add_to_course/course/13113/
 - Password: **OS4012**

Grading Policy

- Assignments: 6
 - Practical (4 exercises): 4
 - Theoretical (2 exercises): 2
- Project: 4
- Midterm exam: 5
- Final exam: 4
- TA classes: 2

Sum: 21

Midterm Exam

- Midterm exam will be held on:
 - Ordibehesht 10th, 9:00
- This date will not change!

Review of Course Content

- Introduction to Operating Systems
- Processes
- Threads and Concurrency
- CPU Scheduling
- Synchronization
- Deadlocks
- Main Memory
- Virtual Memory
- Mass-Storage Systems

References

- A. Silberschatz, P.B. Galvin, G. Gagne, "Operating System Concepts," John Wiley & Sons, 10th Edition, 2018 (**main reference**, *slides originally are from this book*).
- A.S. Tanenbaum, H. Bos, "Modern Operating Systems," Prentice Hall, 4th Edition, 2014.
- W. Stallings, "Operating Systems: Internals and Design Principles," Prentice Hall, 8th Edition, 1998.