

CSGE602055 Operating Systems
CSF2600505 Sistem Operasi
Minggu 10: Special Topic: Make OS Great Again

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<http://rms46.vlsm.org/2/207.html>

REV103 10-JAN-2018

OS181 | X1 X2/X3 X4:00-X5:00 | Y1 Y2/Y3 Y4:00-Y5:00 | Z1 Z2/Z3 Z4:00-Z5:00

Minggu 00	05 Feb - 10 Feb 2018	Intro & Review1
Minggu 01	12 Feb - 17 Feb 2018	Review2 & Scripting
Minggu 02	19 Feb - 24 Feb 2018	Protection, Security, Privacy, & C-language
Minggu 03	26 Feb - 03 Mar 2018	I/O, BIOS, Loader, & Systemd
Minggu 04	05 Mar - 10 Mar 2018	Addressing, Shared Lib, & Pointer
Minggu 05	12 Mar - 17 Mar 2018	Virtual Memory
Ming. UTS	26 Mar - 31 Mar 2018	(sementara)
Minggu 06	02 Apr - 07 Apr 2018	Concurrency: Processes & Threads
Minggu 07	09 Apr - 14 Apr 2018	Synchronization
Minggu 08	16 Apr - 21 Apr 2018	Scheduling
Minggu 09	23 Apr - 28 Apr 2018	File System & Persistent Storage
Minggu 10	30 Apr - 05 Mei 2018	I/O Programming & Network Sockets Programming
Cadangan	07 Mei - 12 Mei 2018	(sementara)
Ming. UAS	14 Mei - 26 Mei 2018	(sementara)

Agenda

- 1 Start
- 2 Agenda
- 3 Week 10
- 4 Body of Knowledge
- 5 Issues
- 6 The End

Week 10: Retreat (Make OS Great Again)

	INT	EXT
Week0:	0	$0 + 5$
Week1:	1	$1 + 6$
Week2:	2	$2 + 7$
Week3:	3	$3 + 8$
Week4:	4	$4 + 9$
Week5:	4	$4 + 5$
Week6:	3	$3 + 6$
Week7:	2	$2 + 7$
Week8:	1	$1 + 8$
Week9:	0	$0 + 9$

- 18 Knowledge Area (IEEE/ACM 2013)

AL - Algorithms and Complexity	AR - Architecture and Organization
CN - Computational Science	DS - Discrete Structures
GV - Graphics and Visualization	HCI - Human-Computer Interaction
IAS - Information Assurance and Security	IM - Information Management
IS - Intelligent Systems	NC - Networking and Communications
OS - Operating Systems	PBD - Platform-based Development
PD - Parallel and Distributed Computing	PL - Programming Languages
SDF - Software Development Fundamentals	SE - Software Engineering
SF - Systems Fundamentals	SP - Social Issues and Professional Practice

- OS - Operating Systems (IEEE/ACM 2013)

- OS/Overview of Operating Systems (T1:2)
- OS/Operating System Principles (T1:2)
- OS/Concurrency (T2:3)
- OS/Scheduling and Dispatch (T2:3)
- OS/Memory Management (T2:3)
- OS/Security and Protection (T2:2)
- OS(Electives): Virtual Machines, Device Management, File Systems, Real Time and Embedded Systems, Fault Tolerance, System Performance Evaluation.

- General View (IEEE/ACM 2013)
- The Amnesia and Tabula Rasa Problem
- MEMOS: QRC
- EXAM: Open/Close/Memo
- LABS?
- The "Monkey Book"
- Weeks 0-9
- Week10?
- Week11 Extra

The End

- This is the end of the presentation.