

CSF2600505 Sistem Operasi CSGE602055 Operating Systems osXX: The Lecturer

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<https://os.vlsm.org/>

Always check for the latest revision!

REV228 03-May-2020

Operating Systems 2020-1

(A, B, C, D, E) from HOME

| Week | Schedule | Topic | OSC10 |
|----------|---------------------------|--|--|
| Week 00 | 27 Jan - 02 Feb 2020 | Overview 1, Virtualization & Scripting | Ch. 1, 2, 18. |
| Week 01 | 03 Feb - 09 Feb 2020 | Overview 2, Virtualization & Scripting | Ch. 1, 2, 18. |
| Week 02 | 10 Feb - 16 Feb 2020 | Security, Protection, Privacy, & C-language | Ch. 16, 17 |
| Week 03 | 17 Feb - 23 Feb 2020 | File System & FUSE | Ch. 13, 14, 15 |
| Week 04 | 24 Feb - 01 Mar 2020 | Addressing, Shared Lib, & Pointer | Ch. 9 |
| Week 05 | 02 Mar - 08 Mar 2020 | Virtual Memory | Ch. 10 |
| Reserved | 09 Mar - 13 Mar 2020 | Q & E | |
| MidTerm | 14 Mar 2020 (13:00-15:30) | MidTerm (UTS) | DONE! |
| Week 06 | 05 Apr - 11 Apr 2020 | Concurrency: Processes & Threads | Ch. 3, 4 |
| Week 07 | 12 Apr - 18 Apr 2020 | Synchronization & Deadlock | Ch. 6, 7, 8 |
| Week 08 | 19 Apr - 25 Apr 2020 | Scheduling + W06/W07 | Ch. 5 |
| Week 09 | 26 Apr - 02 May 2020 | Storage, Firmware, Bootldr, & Systemd | Ch. 11 |
| Week 10 | 03 May - 09 May 2020 | I/O & Programming | Ch. 12 |
| Reserved | 10 May - 16 May 2020 | Q & A | |
| Final | 08 Jun - 19 Jun 2020 | Final (UAS) | This schedule is subject to change. |
| Extra | TBA | Extra assignment confirmation | |

- ☐ **Text Book** — Any recent/decent OS book. Eg. (**OSC10**) Silberschatz et. al.: **Operating System Concepts**, 10th Edition, 2018. See also <http://codex.cs.yale.edu/avi/os-book/OS10/>.
- ☐ **Resources**
 - ☐ **All In One** — BADAK.cs.ui.ac.id:///extra/ (**FASILKOM only!**).
 - ☐ **Download Slides and Demos from GitHub.com**
<https://github.com/UI-FASILKOM-OS/SistemOperasi/>
 - ☐ **Problems** — <https://rms46.vlsm.org/2/>:
195.pdf (W00), 196.pdf (W01), 197.pdf (W02), 198.pdf (W03),
199.pdf (W04), 200.pdf (W05), 201.pdf (W06), 202.pdf (W07),
203.pdf (W08), 204.pdf (W09), 205.pdf (W10).
- ☐ **Try Demos**
 - ☐ Your own Ubuntu system.
 - ☐ Ubuntu on VirtualBox, or VMWare, or ...
 - ☐ Windows Subsystem for Linux (**Windows 10 only!**).
 - ☐ SSH to BADAK.cs.ui.ac.id (**FASILKOM only!**).

Agenda

- 1 Start
- 2 Schedule
- 3 Agenda
- 4 About and how to contact the Lecturer
- 5 The End (Ignore It)

About and how to contact the Lecturer

- Rahmat M. Samik-Ibrahim
- Bekerja di Universitas Indonesia: sejak 1984¹.
- Pengguna GNU/Linux: sejak 1994.
- VauLSMorg (vlsm.org): sejak 1996.
- Blog: <https://rahmatm.samik-ibrahim.vlsm.org/>
 - Blog: 2016/08/panggil-saya-rahmat.html
 - Blog: 2013/10/kumpulan-hal.html
 - Blog: 2011/08/ibu-ke-pasar-membeli-ayam.html
- (Almost) no social media!
 - Page Only: No need to be "**ADDED**"
 - You can "**Like**" it, "**Follow**" it, or "**Share**" it.

For Q & A, use WhatsApp Group **OperatingSystems**
(info +62-881-456-XXXX)
Email (Subject:[**HELP**]) operatingsystems@vlsm.org

¹MDCCXXXIV — Universitas Goettingen didirikan: 1734

TOP 10 REALITA

- ❶ Nama saya **Rahmat**. Rahmat nama saya. Kalau bukan Rahmat, bukan nama saya!
- ❷ Jangan datang lebih lambat dari pada Pengajar! Terdapat dua kesempatan untuk menyusul masuk kelas: T+15 menit dan setelah istirahat.
- ❸ Jangan berisik/asyik sendiri dalam kelas dan jangan main "*games*" dan "*chat*" dengan "*gadget*" anda!
- ❹ Jangan lupa mempersiapkan diri untuk berpartisipasi dalam kelas!
- ❺ Jangan lupa membawa selembaar kertas (+QRC) untuk membuat memo kuliah!
- ❻ Memo kuliah (+QRC) tersebut yang boleh dibawa saat UTS dan UAS.
- ❼ Jangan curang!
- ❽ Jangan meminjam peralatan selama kuis dan ujian!
- ❾ Jangan menghubungi Pengajar untuk masalah Administratip!
- ❿ Jangan menjadi "*Puss in Boot*"!

Jangan menjadi Puss In Boot



Figure: Ini Puss in Boot¹.

¹This is a fair use of a DreamWorks/Paramount Picture character.

The End (Ignore It)

GAUDEAMUS IGITUR

Gaudeamus igitur. Iuvenes dum sumus. Post iucundam iuventutem. Post molestam senectutem. Nos habebit humus. Ubi sunt qui ante nos. In mundo fuere? Vadite ad superos. Transite in inferos. Hos si vis videre.

```
#include <stdio.h>
```

```
void main() {  
    printf("Vita nostra brevis est. Brevi finietur.\n");  
    printf("Venit mors velociter. Rapit nos atrociter.\n");  
    printf("Nemini parcetur.\n\n");  
}
```

- ☐ Vivat academia! Vivant professores!
- ☒ Vivat membrum quodlibet; Vivant membra quaelibet;
 - 「 Semper sint in flore 」.