

# CSF2600505 Sistem Operasi CSGE602055 Operating Systems osXX: The Lecturer

Rahmat M. Samik-Ibrahim (ed.)

University of Indonesia

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

Always check for the latest revision!

REV263 10-Feb-2021

# Operating Systems 211<sup>3)</sup> — PJJ from HOME

## ZOOM: A [Mon (or Wed) 10] — B [Mon (or Wed) 15] — C [Tue (or Thu) 08]

Week	Schedule & Deadline <sup>1)</sup>	Topic	OSC10 <sup>2)</sup>
Week 00	22 Feb - 28 Feb 2021	Overview 1, Virtualization & Scripting	Ch. 1, 2, 18.
Week 01	01 Mar - 07 Mar 2021	Overview 2, Virtualization & Scripting	Ch. 1, 2, 18.
Week 02	15 Mar - 21 Mar 2021	Security, Protection, Privacy, & C-language.	Ch. 16, 17.
Week 03	22 Mar - 28 Mar 2021	File System & FUSE	Ch. 13, 14, 15.
Week 04	29 Mar - 04 Apr 2021	Addressing, Shared Lib, & Pointer	Ch. 9.
Week 05	05 Apr - 11 Apr 2021	Virtual Memory	Ch. 10.
Week 06	26 Apr - 02 May 2021	Concurrency: Processes & Threads	Ch. 3, 4.
Week 07	03 May - 09 May 2021	Synchronization & Deadlock	Ch. 6, 7, 8.
Week 08	24 May - 30 May 2021	Scheduling + W06/W07	Ch. 5.
Week 09	24 May - 06 Jun 2021	Storage, Firmware, Bootloader, & Systemd	Ch. 11.
Week 10	07 Jun - 13 Jun 2021	I/O & Programming	Ch. 12.

<sup>1)</sup> The **DEADLINE** of Week 00 is 28 Feb 2021, whereas the **DEADLINE** of Week 01 is 07 Mar 2020, and so on...

<sup>2)</sup> Silberschatz et. al.: **Operating System Concepts**, 10<sup>th</sup> Edition, 2018.

<sup>3)</sup> This information will be on **EVERY** page two (2) of this course material.

# STARTING POINT — <https://os.vlsm.org/>

- **Text Book** — Any recent/decent OS book. Eg. (**OSC10**) Silberschatz et. al.: **Operating System Concepts**, 10<sup>th</sup> Edition, 2018. See also <http://codex.cs.yale.edu/avi/os-book/OS10/>.
- **Resources**
  - **SCELE** — <https://scele.cs.ui.ac.id/course/view.php?id=3020>. The enrollment key is **XXX**.
  - **Download Slides and Demos from GitHub.com**  
<https://github.com/UI-FASILKOM-OS/SistemOperasi/>:  
os00.pdf (W00), os01.pdf (W01), os02.pdf (W02), os03.pdf (W03),  
os04.pdf (W04), os05.pdf (W05), os06.pdf (W06), os07.pdf (W07),  
os08.pdf (W08), os09.pdf (W09), os10.pdf (W10).
  - **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).
- **Build your own Virtual Guest**  
<https://osp4diss.vlsm.org/>

# 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 1984<sup>1</sup>.
- 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](mailto:operatingsystems@vlsm.org)

<sup>1</sup>MDCCXXXIV — Universitas Goettingen didirikan: 1734

# TOP 10 REALITA

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

# Jangan menjadi Puss In Boot



Figure: Ini Puss in Boot<sup>1</sup>.

---

<sup>1</sup>This 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 」.