

# CSF2600505 Sistem Operasi CSGE602055 Operating Systems osXX: The Lecturer

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

Always check for the latest revision!

REV186 30-Jan-2019

# Operating Systems 2019-1

A (Rm 3114) [Tu/Th 10-12] — B (Rm 3114) [Tu/Th 13-15] — C (Rm 3114)

[Tu/Th 16-18] — D (Rm 2401) [Tu/Th 10-12] — E (Rm 2306) [Tu/Th 13-15]

| Week     | Schedule             | Topic  | OSC10                                  |
|----------|----------------------|--|--|
| Week 00  | 07 Feb - 13 Feb 2019 | Overview 1, Virtualization & Scripting         | Ch. 1, 2, 18.                          |
| Week 01  | 14 Feb - 20 Feb 2019 | Overview 2, Virtualization & Scripting         | Ch. 1, 2, 18.                          |
| Week 02  | 21 Feb - 27 Feb 2019 | Security, Protection, Privacy,<br>& C-language | Ch. 16, 17                             |
| Week 03  | 28 Feb - 06 Mar 2019 | File System & FUSE                             | Ch. 13, 14, 15                         |
| Week 04  | 12 Mar - 18 Mar 2019 | Addressing, Shared Lib, & Pointer              | Ch. 9                                  |
| Week 05  | 19 Mar - 25 Mar 2019 | Virtual Memory                                 | Ch. 10                                 |
| Mid-Term | 23-30 Mar 2019 (tba) | MidTerm (UTS)                                  |  |
| Week 06  | 02 Apr - 08 Apr 2019 | Concurrency: Processes & Threads               | Ch. 3, 4                               |
| Week 07  | 09 Apr - 15 Apr 2019 | Synchronization & Deadlock                     | Ch. 6, 7, 8                            |
| Week 08  | 16 Apr - 22 Apr 2019 | Scheduling                                     | Ch. 5                                  |
| Week 09  | 23 Apr - 29 Apr 2019 | Storage, BIOS, Loader, & Systemd               | Ch. 11                                 |
| Week 10  | 30 Apr - 06 May 2019 | I/O & Programming                              | Ch. 12                                 |
| Reserved | 07 May - 17 May 2019 |  |  |
| Final    | 18-25 May 2019 (tba) | Final (UAS)                                    | This schedule is<br>subject to change. |
| Extra    | 27 Jun 2019          | Extra assignment confirmation                  |  |

# The Weekly Check List

- ☐ **Resources:** <https://os.vlsm.org/>
  - ☐ **(THIS) Slides** — <https://github.com/UI-FASILKOM-OS/SistemOperasi/tree/master/pdf/>
  - ☐ **Demos** — <https://github.com/UI-FASILKOM-OS/SistemOperasi/tree/master/demos/>
  - ☐ **Extra** — [BADAK.cs.ui.ac.id:///extra/](http://BADAK.cs.ui.ac.id:///extra/)
  - ☐ **Problems** — <https://rms46.vlsm.org/2/>:  
195.pdf (Week 00), 196.pdf (Week 01), 197.pdf (Week 02),  
198.pdf (Week 03), 199.pdf (Week 04), 200.pdf (Week 05),  
201.pdf (Week 06), 202.pdf (Week 07), 203.pdf (Week 08),  
204.pdf (Week 09), 205.pdf (Week 10).
- ☐ **Text Book:** any recent/decent OS book. Eg. (**OSC10**) Silberschatz et. al.: **Operating System Concepts**, 10<sup>th</sup> Edition, 2018.
- ☐ Encode your **QRC** with size upto 7cm x 7cm (ca. 400x400 pixels):  
"OS182 CLASS ID SSO-ACCOUNT Your-Full-Name"
- ☐ Write your Memo (with QRC) **every week**.
- ☐ Login to badak.cs.ui.ac.id via kawung.cs.ui.ac.id for at least **10 minutes** every week. Copy the weekly demo files to your own home directory.  
Eg. (Week00): `cp -r /extra/Week00/W00-demos/ W00-demos/`

# 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
- Facebook: <https://facebook.com/RMS46F/>
  - 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>.

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<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 」.