

# CSF2600505 Sistem Operasi CSGE602055 Operating Systems osXX: The Lecturer

Rahmat M. Samik-Ibrahim

University of Indonesia

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

Always check for the latest revision!

REV167 18-Oct-2018

# Operating Systems 2018-2 (Room 3114)

## R/M (Tu/Th 13-15) | I (Tu/Th 15-17)

Week	Schedule	Topic	OSC10
Week 00	04 Sep - 12 Sep 2018	Overview 1, Virtualization & Scripting	Ch. 1, 2, 18.
Week 01	13 Sep - 19 Sep 2018	Overview 2, Virtualization & Scripting	Ch. 1, 2, 18.
Week 02	20 Sep - 26 Sep 2018	Security, Protection, Privacy, & C-language	Ch. 16, 17
Week 03	27 Sep - 03 Oct 2018	File System & FUSE	Ch. 13, 14, 15
Week 04	04 Oct - 10 Oct 2018	Addressing, Shared Lib, & Pointer	Ch. 9
Week 05	11 Oct - 17 Oct 2018	Virtual Memory	Ch. 10
Reserved	18 Oct - 19 Oct 2018		
Mid-Term	24 Oct 2018	MidTerm (UTS): 09:00 - 11:30	
Week 06	30 Oct - 05 Nov 2018	Concurrency: Processes & Threads	Ch. 3, 4
Week 07	06 Nov - 12 Nov 2018	Synchronization & Deadlock	Ch. 6, 7, 8
Week 08	13 Nov - 21 Nov 2018	Scheduling	Ch. 5
Week 09	22 Nov - 28 Nov 2018	Disks, BIOS, Loader, & Systemd	Ch. 11
Week 10	29 Nov - 05 Dec 2018	I/O & Programming	Ch. 12
Reserved	06 Dec - 14 Dec 2018		
Final Extra	15 Dec - 22 Dec 2018 12 Jan 2019	Final (UAS): TBA Extra assignment	This schedule is subject to change.

# 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** — [rms46.vlsm.org/2/195.pdf](http://rms46.vlsm.org/2/195.pdf), [196.pdf](http://rms46.vlsm.org/2/196.pdf), ..., [205.pdf](http://rms46.vlsm.org/2/205.pdf)
- ☐ **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"
- ☐ For **Week 00**, send your **embedded QRC before the 2<sup>nd</sup> lecture**  
<mailto:operatingsystems@vlsm.org>  
With Subject: OS182 CLASS ID SSO-ACCOUNT Your-Full-Name
- ☐ Write your Memo (with QRC) **every week**.
- ☐ Login to [badak.cs.ui.ac.id](http://badak.cs.ui.ac.id) via [kawung.cs.ui.ac.id](http://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: [rahmatm.samik-ibrahim.vlsm.org/](http://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: [facebook.com/RMS46F/](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/Pearlman Pictures 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 」.