

# ICT 41203 Operating Systems

## Introduction

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# Dr Nimal Skandhakumar

## Education

- 2014 - PhD Information Security  
Queensland University of Technology
- 2009 - BSc Eng Comp Science and Engineering  
University of Moratuwa

## From

- Jaffna - Haputale - Jaffna - Colombo - Australia - Colombo

## Experience

- Print shop designer
- Software engineer
- Photographer
- Community services worker

# Syllabus

- Introduction to Operating systems
- Processes
- Threads
- Process Scheduling
- Process Synchronization
- Deadlocks
- Memory Management
- I/O Management
- File Management
- Protection
- (Unix/Linux Operating System)

# Grading

**Activities**

Quiz, Homework, Class Participation

Final Exam

**Percentages**

30%

70%

## Recommended Text

- **Modern operating systems**

*by Tanenbaum, Andrew S; Bos, Herbert.*

Edition: 4th

ISBN: 9789332575776

- **Operating system concepts**

*by Silberschatz, Abraham; Galvin, Peter Baer; Gagne, Greg.*

Edition: 9th

ISBN: 9788126554270

## Staff Hours

Monday 10:00 AM - 12:00 PM

*If alternative times are preferred, let me know.*

Lecture slides, etc.:

<https://academic.nimal.info/ict41203/>