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

Why learning Operating systems?

- Operating System is the foundation for all software
- Great programmers understand Operating System
- Software companies love Operating System students
- Academic research in Operating System is very influential

Course Contents

- 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	Percentages
Quiz, Homework, Class Participation	30%
Final Exam	70%

Class Quiz

- Is it okay to do online?
- Does everyone have a Gmail account?
- Any other platform preferred?

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

Office Hours

Monday 10:00 AM - 12:00 PM
If alternative times are preferred, let me know.

Lecture slides, etc.:

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