

← system that operates
— low level software that controls
the inner workings of a
machine

Textbook

- DS Concepts - Silberzahl 2 ...
- Blackboard → consult
- wikipedia
- webpage

Recitations

- 1 lesson per week (50 mins)
x3

Prerequisites -

[230] → interrupt handling

CPU → memory interactions



FPU example

Contents

- Background ↴
 - interrupts, system calls
 - protection
- CPU scheduling
 - processes, threads, concurrency

- Memory management

32 bit system

win ↓
linux ↓

- each process → 2GB / 3GB

- file systems

- device management (disk head
sched)