TDDB68/TDDE47 Concurrent Programming and Operating Systems

Lecture 1, part 2: Course overview Mikael Asplund, Adrian Pop

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The lecture notes are partly based on Silberschatz's, Galvin's and Gagne's book ("Operating System Concepts", 7th ed., Wiley, 2005). No part of the lecture notes may be reproduced in any form, due to the copyrights reserved by Wiley. These lecture notes should only be used for internal teaching purposes at the Linköping University.

Courses

- TDDB68: 6hp course for D + U + I + M.Sc. + Erasmus
 - C/C++ with pointers a prerequisite
- TDDE47: 8hp course for IT
 - More time and some PBL sessions for learning about memory allocation and pointers
- TDDE47 and TDDB68 have the same exam and labs.

Course web

- TDDB68:
 - https://www.ida.liu.se/~TDDB68/
- TDDE47
 - https://www.ida.liu.se/~TDDE47/
- Same content report if anything is strange

People

- Examiners: Mikael Asplund and Adrian Pop
 - Formally Mikael for TDDB68 and Adrian for TDDE47
 - In practice we do both together
- Course assistant: Felipe Boeira
- Lessons given by Dag Jönsson
- Lab assistants:
 - TDDB68 Group A: Rodrigo Saar Moraes
 - TDDB68 Group B: Ahmad Usman
 - TDDB68 Group C: Manali Chakraborty
 - TDDB68 Group D: Navya Sivaraman
 - TDDB68 Group E: Valency Colaco
 - TDDB68 Group F: Dag Jönsson
 - TDDE47 group: Christopher Wåtz

Communication

- 1. Use the Teams channel
 - a) Lab-related questions in the channel "Lab-related questions"
 - b) Other general things in the general channel
- 2. Talk/mail with your lab assistant
- 3. Send an email to cpos-course@groups.liu.se

Examination

- Labs 3hp for TDDB68, 5hp for TDDE47
- Written exam 3hp
- Bonus assignment 0hp
 - 2.5p-4p bonus points on the exam
 - Pass all labs no later than 2023-03-08
 - Need to be first-time registered in VT1 2023

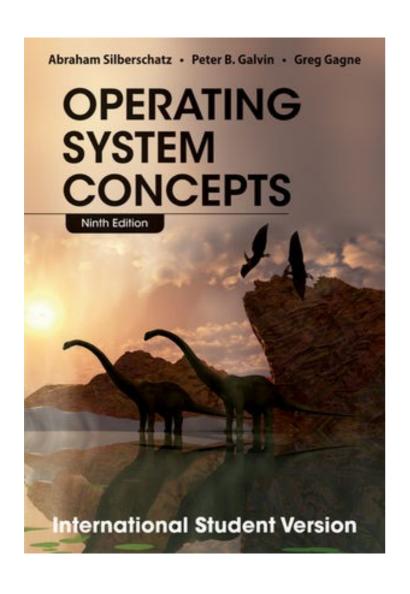
Lectures vs. Labs

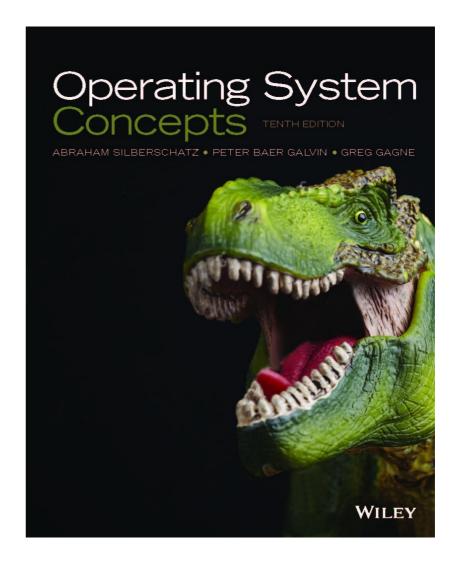
Intentionally different scope

Lectures provide an overview of a vast area

 Labs provide hands-on experience with a particular educational OS.

Course book





Comments from students:

"Put more emphasis on telling the students to read the book. I didn't understand much during the lectures because I didn't read the book until the exam period. Had I read the pages before each lecture, the lectures would have been more productive."

"... And the book was actually really good - I wish I had started reading it before the exam period."

Exam

- Previous exams available
 - Solutions **not available**
- Two parts
 - Part A: Basic questions, enough for grade 3
 - Part B: Ability to analyze and compare, used for grades 4 and 5
- Grading criteria
 - Grade 3: At least 12 points on part A.
 - Grade 4: At least 28 points in total.
 - Grade 5: At least 34 points in total.