

Real-Time Operating Systems M
Academic Year 2014/2015

SYLLABUS UNTIL FIRST MIDTERM

BASED ON NINTH EDITION

Abraham Silberschatz, Peter B. Galvin, Greg Gagne. Operating System Concepts, 9th Edition. International Student Version. Wiley 2013. ISBN: 978-1-118-09375-7

Chapter 1 – Introduction: all except { 1.10, 1.12 }
Chapter 2 – System Structures: only 2.1-2.5, 2.7 (except 2.7.5.2-3), and 2.10
Chapter 3 – Process Concept: all except { multitasking in mobile systems (p 113), process creation in Windows (end of 3.3.1), 3.5, pipes on Windows (end of 3.6.3.1 and 3.6.3.2) }
Chapter 4 – Multithreaded Programming: all except { 4.4.2, 4.4.3, 4.5, 4.6.5, 4.7.1 }
Chapter 5 – Process Scheduling: all except 5.6
Chapter 13 – I/O Systems: all except { 13.4.5, 13.6-7 }

BASED ON EIGHTH EDITION

Abraham Silberschatz, Peter B. Galvin, Greg Gagne. Operating System Concepts, 8th Edition. International Student Version. Wiley 2010. ISBN: 978-0-470-23399-3

Chapter 1 – Introduction: all except { 1.11, 1.13 }
Chapter 2 – System Structures: only 2.1-2.5, 2.7, and 2.11
Chapter 3 – Process Concept: all except { process creation in Windows (pp. 114-115 of 3.3.1), 3.5, pipes on Windows (pp. 136-137 of 3.6.3.1 and last paragraph of 3.6.3.2) }
Chapter 4 – Multithreaded Programming: all except { 4.3.2, 4.3.3, the Win32 API part of 4.4.4, 4.4.6, 4.5.1 }
Chapter 5 – Process Scheduling: all except 5.5.5
Chapter 13 – I/O Systems: all except { 13.4.5, 13.6-7 }