

第 1 讲：Advanced OS Overview

第二节：Course Scheduling

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Scheduling

- Monday (8:00-9:35)
- 4-101, 4th building

1	Lec 1 Advanced OS Overview
2	Lec 2 OS Architecture
3	Lec3+4 System Virtualization Overview
4	Lec5+6 OS/System API/Interface
5	Lec7+8 OS for MultiCore Architecture
6	Lec 9+10 OS/System Security
7	Lec 11+12 Correctness: OS/System Verification
8	Lec 13+14 OS Kernel and HLL
9	Lec 15+16 Invited Talks From Visitors & Students



- 4 Papers Summaries and critiques 60%
 - In 12 weeks
 - Include report docs(4+ or 4000 words in A4 pages)
 - Include slides (15+ pages)
 - Research Areas (14 research domains)
 - OS/VMM Architectures
 - Performance/Multicore
 - Security/Find Bug
 - Correctness/Verification
 - system related.....
 - The best papers from famous system-related conferences/journals
 - **ReadingList of OS**

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 - If you write this paper, then how would you do?
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 - Give the survey paper list in the same research area

- One Project 40%
 - Didn't finish rcore/ucore/xv6/jos labs
 - Analyze/Testing/Improving ucore/rcore OS
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 - Already finished ucore/xv6/jos labs
 - ReadingList of OS
 - find a interesting research topic/project
 - analysis/practice deeply

Project Proposal

- Due on the 2nd week
- 2-page written proposal
 - team members (≤ 3)
 - Motivation
 - The state-of-the-art status
 - Methodology
 - Expected results
 - Timeline
 - Division of labor among teams
 - Some references

Project Midterm/Final Exam

- 10-15 minutes Presentation
- Midterm
 - 3-10 pages paper/report
 - demo
- Final
 - 5-15 pages paper/ project report
 - demo

- I can not understand the paper OR my coding ability is poor
 - Need to talk with me ASAP