Calendar*

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Course Calendar

Week	Topic	Reading	Work
1	Introduction to Organization and Architecture Computer Overview of Computer Organization	Course: Module 1 and Module 2Book [1]: Part 1Book [2]: Chapter 1	Course
2	Computer Arithmetic	Course: Module 3.Book [1]: Part III, chapter 9Book [2]: Chapter 5	Course and Exercise
3	Instruction Set: Characteristics and Functions	Course: Module 4.Book [1]: Part III, chapter 11	Course and Exercise
4	CPU Structure and Functions	Course: Module 5.Book [1]: Part III, chapter 12Book [2]: Chapter 2	Course and Exercise
5	Control Unit Operation	Course: Module 6. Book [1]: Part IV, chapter 16Book [2]: Chapter 4	Course
6	Microprogramming	Course: Module 7. Book [1]: Part IV, chapter 17Book [2]: Chapter 4	Course

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7	Instruction Pipelining	Course: Module 8.Book [1]: Part III chapter 13 Book [2]: Chapter 4	Course and Exercise
8	Multilevel Memories	Course: Module 9.Book [2]: Chapter 2	Course and Exercise
9	Cache Memory	Course: Module 10.Book [1]: Part II, chapter 4Book [2]: Chapter 4	Course and Exercise
10	Internal Memory	Course: Module 11.Book [1]: Part II, chapter 5Book [2]: Chapter 2	Course and Exercise
11	External Memory	Course: Module 12Book [1]: Part II, chapter 6Book [2]: Chapter 2	Course
12	Input/ Output	Course: Module 13Book [1]: Part II, chapter 7Book [2]: Chapter 2	Course and Exercise
13	Operating System Support	Course: Module 14Book [1]: Part II, chapter 8Book [2]: Chapter 6	Course and Exercise
14	Virtual Memory	Course: Module 15. Book [2]: Chapter 6	Course and Exercise
15	Advanced Architectures	Course: Module 16.Book [1]: Part V, chapter 16Book [2]: Chapter 8	Course and Exercise

Table 1