

Lectures and Readings: Abelson and Sussman

Chapters 1 through 3 will be covered, along with portions of chapters 4 or 5 if time permits. An updated reading list will be distributed as the semester progresses.

DATE	TOPIC	TEXT
Feb. 8	Introduction to CIS-280 Basic Concepts	pp.1-13
Feb. 10	Substitution Model, Simple Recursion	pp. 13-26
Feb. 14	LAB: Exercises on Basic Concepts and Recursion	
Feb. 15	Procedural Abstraction and Complex Procedures	pp.26-31,62-63,66-77
Feb. 17	Probabilistic Methods	
Feb. 21	LAB: Complex Procedures and Procedural Abstraction	
Feb. 22	Local Variables	pp.63-66
	Complexity and Orders of Growth	pp.42-43
	Procedures and Processes	pp.31-37
Feb. 24	More on Complexity Analysis	pp.37-42
	Algorithms:	pp. 44-55
Feb. 28	LAB: Exercises on Recursive and Iterative Processes	
March 1	Higher Order Procedures	pp. 56-61
	Data Abstraction	pp.79-93
March 3	Hierarchical Data	pp. 97-113, 142-145
March 7	LAB: Exercises on Data Abstraction	
March 8	Hierarchical Data	pp. 97-113, 142-145
March 10	Sequences as Conventional Interfaces	pp. 113-126

Frst Midterm: Thursday, March 24

The midterm will be in class. Makeups will only be given in truly exceptional circumstances, such as hospitalization. Students in the 9:30am lecture will have to remain for the full exam period.