

Tentative Topics and Schedules for COSC 1373-01

Spring 2004

Week	Topics	Reading
1: Jan. 12	(01/14, semester begins, 01/15 1st class), introduction to computers, problems and problem solving, algorithms	syllabus, chapter 1
2: Jan. 19	(01/19 Monday, MLK's birthday, no class), algorithms, your first Java program, what inside?	2.1 ~ 2.3
3: Jan. 26	Input and output dialog boxes, arithmetic, relational operators	2.4 ~ 2.8
4: Feb. 2	Java applets, drawing strings and lines, the Internet, HTML, and appletviewer	3.1 ~ 3.6
5: Feb. 9	Control structure, if statements, nested if statements	4.1 ~ 4.6
6: Feb. 16	(Midterm 1, 02/16 Monday) , While loops, nested loops, case study	4.7~ 4.13
7: Feb. 23	Compound, increment and decrement operators, primitive data types, do-while loops	5.1 ~ 5.5
8: Mar. 1	do-while loops, switch, break, continue, logical operators	5.5 ~ 5.10
9: Mar. 8	(Spring break, no class)	catch up
10: Mar. 15	Methods, arguments, API package, scopes	6.1 ~ 6.9
11: Mar. 22	(Midterm 2, 03/22, Monday) , scopes, method of classes, overloading	6.9 ~ 6.11
12: Mar. 29	Arrays, references and parameters, passing arrays	7.1 ~ 7.6
13: Apr. 5	Sorting and searching arrays, multidimensional arrays	7.7 ~ 7.9
14: Apr. 12	OOP, abstract data types, class scopes, member access, constructor, set and get	8.1 ~ 8.8
15: Apr. 19	Class composition, garbage collection, creating packages, package access	8.9 ~ 8.16
16: Apr. 27	Exception handling, file I/O, recursion	15.1 ~ 15.3, 17.1 ~ 17.7, 6.12 ~ 6.14
17: May 3	Final Examination, May 5 Wednesday 8:00 ~ 10:30 AM	