CPSC 250 Zyboobs

Them

1. Intro
2. Overview of Cmp.
3. Var / Exp
4. Types
5. Functions
6. Branching
7. Loops
8. Functions Again
9. Strings
10. Lists and Dicts
11. Files
12. Modules

Me

1. Intro
2. Var/Exp
3. Types
4. Branching
5. Loops
6. Functions
7. Strings
8. Lists and Dicts
9. Classes   not covered.
10. Exceptions
11. Modules
12. Files.

Section I — Review   Ch 1-8, 11, 12

(i) Variables and Types.

→ primitive types

→ lists

→ dictionaries

(objects will come later)

Expressions

(ii) Expressions

(iii) if-else

(iv) loops (for, foreach, while)

(v) Functions → Big section !!

(vi) File I/O

(vii) Modules

Section II → Classes and Objects.

Ch. 9

Section III → Inheritance and Polymorphism

Ch. 13

Section IV → Algorithms

Ch. 14, 15

(i) Recursion

(ii) Sorting and Searching

Section V → Data Science.

(i) matplotlib

Ch. 30

(ii) pandas

(iii) numpy

June 2023

S	M	T	W	T	F	S
	A1	Lab1		A2	Test	Lab2
	5	6	7	8	9	10
	A3	Lab3		A4	Test	Lab4
11	12	13	14	15	16	17
	A5		Lab5	A6	Test	Lab6
18	19 Juneteenth	20	21	22	23	24
	A7	Lab7		A8	Final	
25	26	27	28	29	30	

CPSL 250 (3 credit hrs)

40% ① 8 assignments : (Due at midnight)
(8 × 5%) Reading / Participation / Challenge
in Zybooks

30% ② 3 tests :
(3 × 10%) Also in Zybooks (Zylabs)

20% ③ 1 final Exam:
Also in Zybooks (Zylabs)

CPSC 250L (1 credit hour)

100% 7 Labs : In Zybooks (Zylabs)

$\left(7 \times \frac{100}{7} \%\right)$