CSP 1114 Problem Solving and Program Design
Course Information

Trimester 2430

Teaching Team

Ms. Suhaini Nordin

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Course Learning Outcomes & Assessments

CLO1
Recognise the algorithms for problem solving and tools used.

Assessments: Test (30%) and Quiz (20%)

CLO2
Choose appropriate digital tools for program design and problem solving
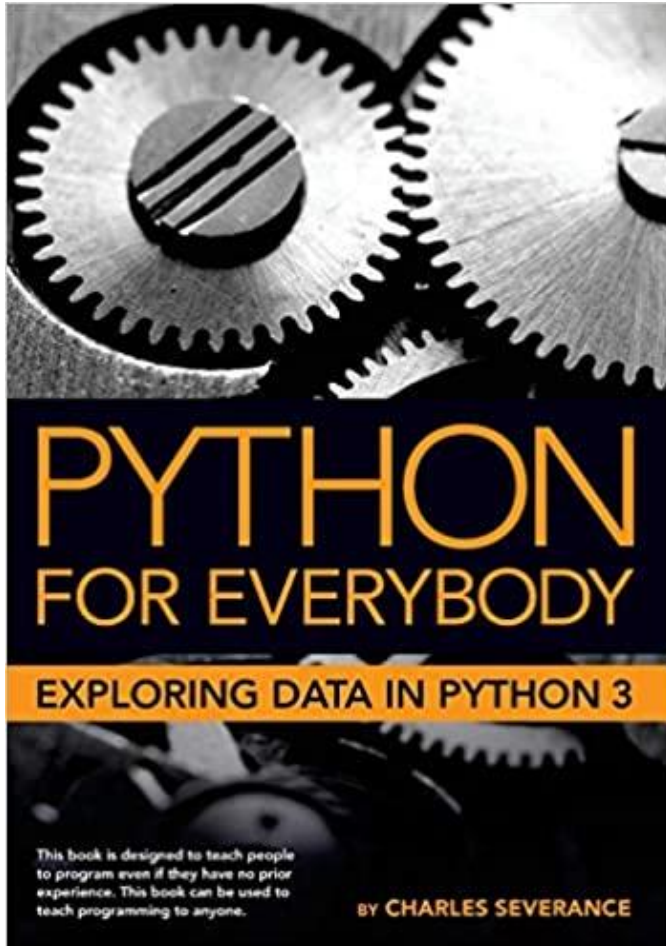
Assessment: Assignment (50%)

Assessment Details

Assessment Component	Topic coverage	Format	Weight
Quiz	Introduction, PDLC, Problem Solving Approach, Program Design Tools, and Control Structures Week 10 – Date and Time to be announced	20 MCQs (Online)	20%
Test	Control Structures, Arrays, and Functions Week 14 – Date and Time to be announced	30 MCQs (Online)	30%
Assignment	All Topics – Refer to Assignment Guidelines (to be released in Week 4)	Interview	50%

Teaching Plan

WEEK	TOPICS/ACTIVITIES	ASSESSMENT METHOD & WEIGHTAGE	IMPORTANT NOTES Please state: i. Replacement classes (if applicable) ii. Public holidays and MMU major events
1.	Introduction		Supplementary Exam Week
2.	PDLC		
3.	Problem Solving Approach (Part 1)		
4.	Problem Solving Approach (Part 2)	Assignment (50%) released	
5.	Program Design Tools (Part 1)		25th MMU Convocation - Class of 2024: Tentative date 7 - 9 Dec 2024
6.	Program Design Tools (Part 2)		11 Dec (Wed) Sultan's Selangor Birthday
7.	Control Structures (Part 1)		
8.	Control Structures (Part 2)		25 Dec (Wed) Christmas [Online T & L week]
9.	Control Structures (Part 3)		1 Jan (Wed) New Year 2025
10.	Arrays (Part 1)	Quiz (20%)	
11.	Arrays (Part 2)		
12.	Functions (Part 1)		
13.	Functions (Part 2)		29 & 30 Jan (Wed & Thu) Chinese New Year [Online T & L week]
14.	Functions (Part 3)	Test (30%)	
15.	Study Week	Assignment Submission + Interview	Study Leave (from 10 Feb - 14 Feb) Exam Week will start on 15 Feb 11 Feb (Tue) - Thaipusam

Reference

Python for Everybody: Exploring Data in Python 3

Charles Severance

Download Free Version ->

https://www.py4e.com/book