



CSX3003 DATA STRUCTURE AND ALGORITHM

Course Introduction

Classroom procedure

- First 30 minutes – 1 hour
 - Briefing about the necessary knowledge to do the worksheet
- Workshop
 - Work on the weekly worksheet STEP BY STEP!
 - Each student is responsible for his own progress.
 - It is OK to cooperate among small number of classmates.
 - Cooperating is voluntary.
- Instructor will visit each student or group of students, likely many times.

During visit

- Each student will prepare to
 - show the result of the completed steps
 - show what step he/she is working on
 - discuss about interpreting information in the worksheet and coding difficulties.
- The instructor will keep track of some students' progress and will facilitate in
 - getting through the worksheet in the allocated time
 - interpreting/concluding the topics to be learned.

Examination

- There will be a mix of coding problems and essay problems.

How to get the essential knowledge

- First 30 minutes – 1 hour of lecturing/briefing
 - Normally : *You will hardly comprehend everything*
 - How fast or slow should this phase be is not based on any individual student.
 - **It is the standard progress that has time limit.**
- Textbook chapter, Online lecture videos, Online tutorials are recommended resources.
 - Which resource is good depends on individual preference.
 - Do not take too long to look up, however!

Course stats (2/2021)

- 29 students enroll.
- 17 passed. 12 withdrew.
 - Withdrawers rarely submitted assignments.
 - Only 6 of the withdrawers attended midterm exam.

Grade	Count
A	3
A-	2
B+	3
B	1
B-	2
C+	2
C	4

Course stats (1/2022)

- 19 (CS) + 12 (IT) students enroll.
- 5 C-, 1 D, 5 withdraws.
 - Two withdrawers belong to old curriculum.

Grade	Count
A	6+1
A-	1+2
B+	1+0
B	1+0
B-	3+3
C+	1+2
C	0+1