King Fahd University of Petroleum and Minerals
Information and Computer Science Department
ICS 104: Introduction to Programming Using Python and C

Fall Semester 2022-2023 (Term 221)

List of Lab instructors:

List of Lab instructors:

INSTRUCTOR	Office	Phone	E-mail Address	Office Hours
Dr. Mohamed Balah Course coordinator	22-324-1	860-1390	mbalah@kfupm.edu.sa	MW from 11 to 12 PM T from 12:30 to 1:30 PM
Dr. Umair Siddiqi			ufarooq@kfupm.edu.sa	
ALI ELBORKI			g202110570@kfupm.edu.sa	
ASHRAF SAEED			g201403260@kfupm.edu.sa	
SALMAN KHWAJA AHMED		860-3051	khwaja@kfupm.edu.sa	
A.B.M. ASHIKUR RAHMAN			g202204800@kfupm.edu.sa	
TAHA FANOUSH			g202114690@kfupm.edu.sa	
SALEH ALSALEH	23/10-4	860-7035	salehs@kfupm.edu.sa	MT from 12:30 to 01:30 PM
ZAID AL-YAFEAI			g201080740@kfupm.edu.sa	
FAISAL NURNOBY			g201706690@kfupm.edu.sa	
GALAL BIN MAKHASHEN			binmakhashen@kfupm.edu.sa	
Dr. MUSFIQUE ANWAR			mdmusfique.anwar@kfupm.edu.sa	
ALWALEED KHALID MOHAMMAD ALKHODAIRI			a.alkhodairi@kfupm.edu.sa	
Dr. RABEAH ALZAIDY			rabeah.alzaidy@kfupm.edu.sa	
Dr. IMANE BOUDELLIOUA			imane.boudellioua@kfupm.edu.sa	
SHIKAH ALSUNAIDI			g202007880@kfupm.edu.sa	

Lab Schedule

Week No	Date	Topic
1	**Aug 28- Sep 1**	**No Lab**
2	**Sep 4-8**	Lab 01: Jupyter Installation, Setup and Introduction
3	**Sep 11-15**	Lab 02: Variables, Strings and Arithmetic Operations 1
4	**Sep 18-21**	Lab 03: Variables, Strings and Arithmetic Operations 2
5	**Sep 25- 29**	Lab 04: Selection Structures 1
6	**Oct 2- 6**	Lab 05: Selection Structures 2
7	**Oct 9 – 13**	Lab 06: Repetitions and Loop Statements 1
8	**Oct 16 – 20**	Lab07: Repetitions and Loop Statements 2
9	**Oct 23- 27**	Lab Test 1 covers Labs 1 to 7 6% Lab 08: Functions
10	**Oct 30 - Nov 3**	Lab 09: List, Tuples and Dictionaries Lab Project announcement
11	**Nov 6 –10**	Lab 10: Files and Exceptions
12	**Nov 13 – 17**	Lab Test 2 covers Labs 8,9, 10 6% Lab 11: Classes and Object Orientation
13	**Nov 20 - Nov 24**	Lab 12: Introduction to C 1
	Nov 27 – Dec 1	Midterm Break
14	**Dec 4 - 8**	Lab 13: Introduction to C 2 Submission of Lab project by end of week
15	**Dec 11 - 15**	Lab Project Demo and discussion

Lab Assessment:

The lab component of the course has a weight of ==20%==. It is divided as follows:

==12% for Lab tests:== 2 paper based lab tests with dates and concerned labs are indicated on the Lab schedule. Each lab test will be ==one programming== question covering the topics of the concerned labs with duration around **40 minutes**.

==3% for Lab work:==

==Lab work will be out of 3%== and it is based on student's seriousness and active participation in solving and completing lab exercises. The lab work will be graded as follows:
Each lab work is graded out of **1 point**. At the end, the total lab work score will be rescaled **out of 3**.

==5% for Lab Project:== A lab project will be announced during week 10 and submitted by the end of week 14.

Regulations for conducting the Labs:
- Students must be punctual in attending the labs.

- **Lateness:** If a student is late for more than **15 minutes**, he will be considered as late. **Twice late means one absence.**

- If a student is **absent** in a lab **without excuse**, he will get ==0== in corresponding lab work grade.

- If a student is absent with an excuse in a lab, no deduction will be applied to him. He should be encouraged to solve the assigned exercises by himself.

- The deadline for accepting an official excuse is, according to University regulations, no later than one week after the student resumes his classes.

- If a student misses ==3 labs without excuse==, he will get ==DN grade== without prior warning.