**GC101 Introduction to computers and programs**

Fall Semester 1438/1439

**College of Applied Studies and Community Service**

**Department of Natural & Engineering Sciences**

Instructor: Sara Alhajjam

**COURSE SYLLABUS**

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| --- | --- |
| **OFFICE:** | Room 2 |
| **OFFICE HOURS:** | 10-11 THR; 10-11 TUE |
| **E-MAIL ADDRESS:** | salhajjam@ksu.edu.sa |
| **WEB PAGE:** | http://fac.ksu.edu.sa/salhajjam |
| **CLASS HOURS:** | 10-12 MON; 10-12 WED; 8-10 THR |
| **Credit Hours:** | 3 |
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**Course Description:**

This course introduces to the students the importance of computation in solving problems. It aims to make students confident of their ability to write small programs that allow them to accomplish useful goals. The course uses the Java programming language.

**Course Objectives:**

1. Familiarize the students with basic concepts of computer programming.
2. Present the syntax and semantics of the “Java” language as well as data types offered by the language.
3. Student able to solve simple problems and design their solutions using flowchart and pseudocode.
4. Students able to write their own Java programs to solve simple problems course

**References:**

Course materials

**Methods of Assessment:**

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| --- | --- | --- | --- |
| Assessment | Assessment task | Week due | Proportion of Final Assessment |
| **1** | **Assignments** | **random** | **20%** |
| **2** | **Quizzes** | **random** | **10%** |
| **3** | **Mid Term 1** | **3/2** | **15%** |
| **4** | **Mid Term 2** | **9/3** | **15%** |
| **5** | **Final Exam** | **last** | **40%** |

**Course Policies:**

1. No late homework will be accepted.
2. Homework assignments are considered individual efforts. However, students are encouraged to share thoughts with others. Absolutely no copying and no plagiarism. Copyright should be respected. Academic dishonesty cases will be dealt with severely.
3. All exams are closed book.
4. The final exam will be comprehensive.