King Saud University

College of Applied Studies &Community Services

Program: Computer Science and Engineering

Programming and Database Diploma

1st Semester: 1446

 **1111تقن ) برمجة الحاسب 1 (**

**عدد ساعات المقرر: محاضرة 3 ساعات - عملي ساعتان**

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| **البريد الإلكتروني/ الموقع**  | **عضو هيئة التدريس**  |
| البريد الالكتروني: amaram@ksu.edu.saمبنى 26)4( الدو ر الأول مكتب 25  | مرام الدخيل  |

**Course Description**:

The course aims to give students an introduction to the Object-Oriented Programming languages (OOP), specifically, the fundamental of JAVA programming language. This includes the general structure of computer programs, input and output statements, selection between options, procedures and repetition,

 arrays, search, and arrangement methods.

**Grade Distribution**

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| Quizzes  | 15  |
| Midterm exam  | 25  |
| Sheets  | 10  |
| Final lab  | 10  |
| Final Examination  | 40  |

**Course Material:**

* Handouts & lecture notes
* An Introduction to Problem Solving and Programming,7th Edition, W. Savitch, Pearson International
* Introduction to JAVA Programming by Y.Daniel Liang, Tenth Edition 10th Edition (January 6, 2014).

[0133593517.pdf (bedford-computing.co.uk)](https://bedford-computing.co.uk/learning/wp-content/uploads/2015/09/Introduction_to_java_programming_by_Y_Daniel_Liang_10th_edition.pdf)

**To download the JAVA:**

<https://www.eclipse.org/downloads/packages/release/luna/sr1/eclipse-ide-java-developers>