**King Saud University**

**College of Applied Studies &Community Services**

**Program: Natural & Engineering Sciences Program (NESP)**

**2nd Semester: 1436/ 1437**

**Computer Architecture CSC1102**

**Instructor**: Safa'a AlBasaam

**Email**: safalbassam@ksu.edu.sa

**Office hours:** Thursday (10\_12)

**Lecture time**:

Section (577): Sunday (8\_9),Tuesday (8-9), Thursday (8-9)

Section (205): Sunday (9-10),Tuesday (9-10), Thursday (9-10)

**Text Book:**

**Computing in the Information Age, 2nd Edition**

[Nancy Stern](http://eu.wiley.com/WileyCDA/Section/id-302479.html?query=Nancy+Stern) (Hofstra Univ.), [Robert A. Stern](http://eu.wiley.com/WileyCDA/Section/id-302479.html?query=Robert+A.+Stern) (Nassau Community College)

ISBN: 978-0-471-11061-3,

**Reference:**

Slides , lecture notes and the text book.

**Assessment Plan for the Course:**

Midterm exams     40%

Presentation 20%

 Final Exam            40%

Total                      100%

**Course Topics:**

|  |  |
| --- | --- |
| **Week#** | **Topic** |
| 2 | Introduction to Computers |
| 3 | The Components of the System Unit |
| 4 | The Components of the System Unit |
| 5 | Binary Number System And Conversion |
| 6 | Binary Number System And Conversion |
| 7 | Input Devices  **Midterm Exam 1** |
| 8 | Output Devices |
| 9 | Midterm Break |
| 10 | Secondary Storage Devices |
| 11 | Operating System |
| 12 | Operating System |
| 13 | **Midterm Exam 2** |
| 14 | Communication and Networks |
| 15 | Communication and Networks |

**Notes:**

 Late assignment submission will be not accepted.

 Students are encouraged to discuss assignments but not copy.

 If you miss an assignment, you will get on a zero.

 Missed Midterm exams can be made up in cases of extreme circumstances and it covers all chapters.

 Attendance is very important if you absent more than 25% you will be forbidden to enter the final exam.