**King Saud University**

**College of Applied Studies &Community Services**

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

**2nd Semester: 1439 / 1440**

**Computer Graphics ( CT 1514 )**

**Instructor**: Haya Al\_Qaoud

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

**Office**: Building 26 , First floor , Office 12

**Office hours:** Sunday ,Monday , Tuesday and Wednesday 11-12

**Course Objectives:**

The aim of the course is to introduce the dynamic animation and computer graphics using Adobe Photoshop and Macromedia Flash. This includes graphical and programming aspects used in Adobe Flash.

**Course Learning Outcomes:**

1. Understand the Definition of computer Animations
2. Learn how to Create a complex animation and integration
3. Understand the Action script programming in flash

**Text Book:**

Adobe Photoshop CS5 Classroom in a Book  by [Adobe Creative Team](https://www.amazon.com/s/ref%3Ddp_byline_sr_book_1?ie=UTF8&text=Adobe+Creative+Team&search-alias=books&field-author=Adobe+Creative+Team&sort=relevancerank)

**Reference:**

Slides, lecture notes and the text book

**Assessment Plan for the Course:**

* Mid1 20%
* Mid2 15%
* Lab sheets & HWs 15%
* Project 10 %
* Final 40%

**Course Topics:**

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| **Week#** | **Topic** | **Sheets** |
| 1 | *Introduction* - *Graphics concepts and colors in computer* |  |
| 2 | *Adobe Flash -Introduction*  | *Lesson 1* |
| 3 | *Adobe Flash – Working with Graphics* | *Lesson 2* |
| 4 | *Adobe Flash – Creating and editing symbols*  | *Lesson 3* |
| 5 | *Adobe Flash – Adding animation* | *Lesson 4* |
| 6 | *Adobe Flash – Articulated motion and morphing* | *Lesson 5* |
| 7 | **Midterm Exam 1** | **HW1** |
| 8 | *Adobe Flash – creating interactive navigation* | *Lesson 6* |
| 9 | *Adobe Flash – Using Text* | *Lesson 7* |
| 10 | *Adobe Flash – Working with sound and video* | *Lesson 8* |
| 11 | **Midterm Exam 2** | **HW2** |
| 12 | *Adobe Flash – Publishing flash documents* | *Lesson 10* |
| 13 | *Project* *Discussion* |  |

**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.