# Multimedia Systems and Applications
## Histogram Equalization and Edge Detection

1. Write a program using the language (Matlab, C++,…) you are familiar with to perform histogram equalization and detect the edges of an image.

2. The image could be downloaded from the website and is also attached at the end of this document.

3. Submission due: Please upload your program to the ftp site within two weeks after the date of project assignment. The ftp site can be found at the course website. The results should include

   1) **Original histogram**, **equalized histogram**, and the **processed image** after histogram equalization

   2) **Detected edges** in the image after edge detection