

Color Transfer Project (5%)

ITCS381 Introduction to Multimedia Systems

Goal : The goal of project is to perform color transfer between images.

What you need to do :

- 1) Since we are in the middle of COVID-19 situation, this project will be an individual project.
- 2) You are given two images which contain different color tones.



- 3) You will write code in MATLAB software to transfer color tone from one image to the other one.
- 4) MATLAB live scripts are interactive documents that combine MATLAB code with formatted text, equations, and images in a single environment called the Live Editor. In addition, live scripts store and display output alongside the code that creates it.
- 5) You are given a MATLAB live script file (**color_transfer_template.mlx**) to be a starting point of doing this project. Follow the guidelines in **color_transfer_template.mlx** and fill your code in it to produce the final results.
- 6) You are also given a pdf file (**color_transfer_template.pdf**) which contains sample results that you need to export from your code as a pdf file when you make your final submission.

What do you need to submit?

- 1) Your MATLAB live script file with naming as **ID6388xxx_color_transfer.mlx** that MUST run with the given image.

- 2) The exported pdf naming as **ID6388xxx_color_transfer.pdf** of your live script file that shows your code and your results step by step until the final image which the color tone is transferred from one image to the other one successfully.