# ICE3111 – Computer Vision – Lab 8 – Lab report

(worth 50% of Assignment 2)

* Deadline: 15/12/2021 at 23:59
* Your name: \_\_\_\_\_\_\_\_\_\_\_\_\_
* Your user ID: \_\_\_\_\_\_\_\_\_\_\_\_\_

**NOTE: When you add a listing in a report, you must format it properly!** - Use a monotype font so that it is easily readable (e.g. Lucida Sans Console or Courier New). This means that all letters take up the same space on the page; - Indent the code; and - Use (colour) syntax highlighting. - Show line numbers (optional)

# Complete the lab

* You must test your code with 3 sets of images. Two are already provided for your convenience. You can use them here.
* Each iteration of the stitching will create 7 images:
  + Left image,
  + Right image,
  + All the matches (image created using drawMatches),
  + Good matches only (image created using drawMatches),
  + Right image after transformation (i.e. the result of warpPerspective),
  + Stitching before cropping, and
  + Stitching after cropping.
* You must provide these images in your lab report to demonstrate
  + that you tested the code
  + what works, and if needed what doesn’t.
* Make sure you label each image in your report so that it’s clear what’s what.
* If applicable, for each test, provide the command line arguments.

## Test 1 [10]

## Test 2 [10]

## Test 3 [20] (assuming this test uses more than two images)

# Critical analysis [20]

Discuss here the pros and cons of your implementation. For example - Is there any deficiency? - Does everything look perfect or is there anything we would need to address?

# Source code [40]

* Marks will be allocated for
  + comments (quality, quantity, and usefulness).
  + the use of the command line instead of hard-coding filenames.
  + the use of a slider to tune the threshold.
  + being able to stitch more than two images.
* **DO NOT FORGET TO ADD A PREAMBLE**.
  + If there is a bug, discuss it in a todo-list in the preamble.
  + If the code is incomplete, discuss it in a todo-list in the preamble.