



Introduction to Computer Vision

Coursework marking scheme

There will be 2 electronic submissions (code+report), each followed by an in-lab assessment.

The electronic submissions and the attendance to these assessments are compulsory.

The report will be evaluated for the quality of the analysis and the discussion of the results obtained in the coursework tasks.

The code will be evaluated by running the submitted material, by checking the clarity of the comments, and by checking during the in-lab assessments the understanding of the tasks with a short conversation on the submitted code with each student.

Code

You can use your favourite programming language, as long as it is supported by the School of EECS (ITL). You are not allowed to use specialised libraries. The functions/procedures/classes you write for the coursework will start with the prefix **ICV_**.

The code shall be well commented. The comments should allow an intermediate programmer to understand each part of the code.

Dataset

You will be given a database with files containing the data (images and videos) to be analysed.

You must use the provided dataset.

Electronic submission of the coursework

Please name the zip file you submit as follow: **<student_number>.zip**.

Note: the max size of the zip file you can submit is 10M.

The zip file will contain the following folders:

report - This folder will contain the .pdf and .doc version of your report

sw - This folder will contain the source files that you have written and a readme file explaining how to make the software work, including an example

exe – (if appropriate) This folder will contain one or more executable of your software. The executable will be used for testing your work on the dataset

Each submission and related in-lab assessment will be marked out of 25 according to the following criteria:

- A full and detailed assessment of the results; *and* fully working and well-commented software; *and* full understanding of the tasks: **25/25**
- Report lacking in critical analysis or one section missing; *or* fully working and well-commented software but lacking clear understanding of one task: **15/25**
- Report lacking in critical analysis with few sections missing; *or* partially working software but good understanding of the tasks: **10/25**
- Report is an attempt, but nothing much of merit; *or* partially working software and lacking clear understanding of few tasks: **5/25**
- Report has many sections missing; *or* software not working or plagiarised: **0/25**

Intermediate marks will be awarded when the assessment is between the levels indicated.

Any missing material in the submitted zip (report or software) will lead to a loss of marks.