UNIVERSITY OF LINCOLN

CMP3018M Image Processing, Assessment CRG

Learning Outcome	Criterion	Pass	2:2	2:1	1st
[LO1] Critique the theory of image processing (IP), including how to process and extract quantifiable information from images	Criterion 1: Understand and analyse image processing technique concepts (30%)	The report provides the basic steps required to solve the problem and your discussion details evidence of understanding of the chosen techniques involved in IP, but lacks a convincing justification for the decisions made. The presentation of the report is poor.	The report provides clear steps and explains part of the solution to the problem. Your discussion details evidence of good understanding of the chosen techniques involved in IP with some justifications of the decisions made. The presentation of the report is good. Contents are organised well.	The report provides detailed steps and a good solution to the problem. Your discussion demonstrates a good understanding of the chosen techniques involved in IP with clear justification of decisions made. The report presents proper use of technical language and has a clear and logical structure.	The report provides detailed steps and an excellent solution to solve the particular problem. An elegant critique is given clearly demonstrating an in-depth understanding of the techniques involved in IP. The report is well written and contents are organised in a professional and logical way.
[LO2] Apply a range of image processing techniques to solve practical problems	Criterion 2: Present image processing techniques to analyse images (70%)	The software implements part of the solution to the tasks. A few tasks are attempted. There are some critical errors in the implementation and design of the Matlab functions.	The software implements a solution to the tasks. Some tasks are successfully completed. There are some non -critical errors in the implementation and design of the Matlab functions.	The software implements a good solution to the tasks. The tasks are completed up to Task 5. Good accuracy is achieved in the final results of the completed tasks.	The software implements a robust solution to the proposed problem. All of the tasks are attempted and completed. The software does not contain any error in the design and implementation. The items are detected and recognised accurately from most images.
Weighting	The criteria for this assessment are weighted as indicated above.				