CISC-235*
Winter 2020
Assignment 1
Marking Scheme

Total Marks: 100

Preliminary Work: 20 marks

Correctly implement binary and trinary search: **10 marks**
Modify algorithms to report the number of calls to the function:
                                                                            10 marks

Experiment 1: 25 marks

Construction of an appropriate array of integers in ascending order:
                                                                            5 marks

Execution of the experiment as instructed: **20 marks**

Experiment 2: 25 marks

Construction of set of search values that are not in the array:
                                                                            5 marks

Execution of the experiment as instructed: **20 marks**

Tabulation/graph of results: 10 marks

Analysis: 20 marks

Answer the given questions: **5 marks each**

The answers to the questions should reflect the results collected in the experiments.

Answers can be as simple as "The size of the set made no noticable difference for the efficiency of these two algorithms." (But I am not saying this is the answer I expect!)