

Lab 2 Extra Credit Rubrics

CSCI360 Fall 2025

1 Logistics

- Due date of student submission: Oct.14
- Autograder producers: Huijuan Wang, Georgios Chochlakis
- Students can get 20 points by answering Problem 3. The maximum point of Lab 2 is 100. Scores above 100 will be treated as 100 .

2 Extra Credit (max 20pts; problem 3)

The extra credit question is submitted in a PDF file named “`lab2-extra-credit.pdf`”.

Besides the two tables required as in instruction, you must provide implementation in function `weighted_a_star_search` with comprehensible comments. Otherwise, you will receive at most 10 points.

Rubric Because running time is slow for most of students, we only grade for $m = 1, \dots, 5$. We accept one of the three cases: 1) accumulated running time, 2) total running time for each m , 3) average running time for each m .

- (10pts) Implementation in general is the correct weighted A* Search.
- (10pts) Observed an exponential growth in running time with increase of m .