

Grading Criterion for Homework 4 Phase I

Artificial Intelligence
CS 470/670 , Fall 2008

Student Name: _____ TA: Pruet Boonma

	Points
Programming Assignment (0 to 100 points)	
<div style="border: 1px solid black; height: 50px; width: 100%;"></div>	
Programming Completeness (0 to 30 points) <ol style="list-style-type: none"> 1. The submitted program performs correctly: <ul style="list-style-type: none"> • The programs can find a complete tour to visit each of 20 cities exactly once with minimal length. • The programs must report the best solution, its cost, and time spent. • The programs must finish within 10 minutes when they are executed on a PC with 2.0 GHz CPU and 2GB RAM otherwise they will be aborted. • Results of at least one successful run must be included in the submission. 	1. _____
Programming Approach (0 to 50 points) <ol style="list-style-type: none"> 1. The submitted program exhibited the understanding and effort for solving TSP: <ul style="list-style-type: none"> • The submitted program uses search algorithms discussed on the class or any algorithms that allows the program to find better solution than random search. • The algorithm used in the submitted program must be discussed in the README file. 	1. _____
Programming Documentation (0 to 20 points) <ol style="list-style-type: none"> 1. The submitted program is well documented; variable and function names are self-descriptive and major functions are explained clearly in comments. 	1. _____
Bonus Points (0 to 50 points)	
<ol style="list-style-type: none"> 1. 50 points for the cheapest path, 25 points for the second place, 10 points for the third place. 	1. _____
Deductions:	
<ol style="list-style-type: none"> 1. Unbounded homework, No cover page, No/Incomplete README (-5 pts/each) <ul style="list-style-type: none"> ◦ In the README file, specify your programming language and platform/OS you use for writing your assignment. 2. Incorrect submitted file name (-5 pts) 3. No hard copies or soft copies (-100 pts) 4. The submitted program is not written in supported languages (-100 pts) <ul style="list-style-type: none"> ◦ See http://www.cs.umb.edu/~ding/classes/470_670/student.htm for the list of supported languages 	1. _____ 2. _____ 3. _____ 4. _____
Total Points (150 max):	1. _____

Comment :