**Comp 445 Project 1 Fall 2014**

**Artificial Intelligence 100 Points Dellinger**

**Grading Rubric**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Category** | **Details** | **Comments** | **Points Earned** | **Points Possible** |
| Programming Requirement (55%)  *(Outcome C)* | Project compiles without errors. |  |  | 5 |
| Project displays good programming style: appropriate comments, code divided into classes in logical ways, problems and solver appropriately separated, included README file, etc. |  |  | 10 |
| Program correctly implements the underlying problem to be solved. |  |  | 15 |
| Program correctly implements the algorithm(s) to use on the problem. |  |  | 15 |
| Program demonstrates a range of test cases for different problems/algorithms. |  |  | 10 |
| Written Requirement (35%)  *(Outcomes H,J)* | Paper is well-structured and grammatically sound. |  |  | 5 |
| Paper includes an IEEE-formatted bibliography with at least two sources. |  |  | 5 |
| Paper summarizes existing research clearly. |  |  | 10 |
| Paper describes the problem to be solved, the algorithm used, and the results. |  |  | 10 |
| Paper contrasts different approaches or problems. |  |  | 5 |
| Presentation Requirement (10%)  *(Outcome H)* | See attached oral rubric (grade here is half of the grade there). |  |  | 10 |

Total: 100/100

Each category will be graded as follows:

* 0%: Missing, not done, drastically wrong.
* 20%: Largely incorrect or missing.
* 50%: Some correct work, but heavily flawed.
* 80%: Largely correct work, with some minor issues.
* 100%: Free of all but the most trivial errors.

Note: Papers below the minimum length will have their score reduced proportionately.