Grading Standards
As appropriate, all homework and in-class problems and the written reports will be evaluated in up to four categories. Note that not all categories will apply to every problem. Still, the following rubric should serve as a guide for how your work will be evaluated. Possible points for each homework problem will then be the number of categories graded, generally 4 points each. The gradation within each category will apply especially to the Reports, where you must give much more information and the answers will entail greater subtlety.

1. Understanding – Has the problem been defined and the results interpreted properly?
   **Excellent**: The student demonstrates complete understanding of the problem, in the statement of the problem as well as in the development of the plan and interpretation of the statistics.
   **Good**: The student demonstrates a good understanding of the problem. Some minor point(s) may be overlooked in the statement of the problem, the development of the plan, or the interpretation of the statistics.
   **Fair**: The student demonstrates minimal understanding of the problem. The statement of the problem may be unclear. The plan and/or interpretation of the statistics overlooks significant parts of the problem.
   **Poor**: The student demonstrates no understanding of the problem. Statement of the problem, development of the plan, and interpretation of the solution are absent or unrelated to the actual problem at hand.

2. Analysis Plan – Has the proper analysis been chosen for the problem?
   **Excellent**: The plan is clearly articulated and an appropriate analysis undertaken.
   **Good**: The plan is articulated reasonably well and the analysis is appropriate or the chosen analysis may contain a minor flaw, but is still based on a correct interpretation of the problem.
   **Fair**: The plan is not clearly presented or the analysis is partially inappropriate based on a correct/partially correct understanding of the problem.
   **Poor**: There is no discernable plan or the chosen analysis is completely inappropriate.

3. Solution – Was the analysis performed without error?
   **Excellent**: The solution is clearly labeled and correct or though the solution is incorrect, it is the expected outcome of a slightly flawed plan that is correctly implemented.
   **Good**: Solution is incorrect due to a minor error in implementation of either a correct or incorrect plan or solution is not clearly labeled.
   **Fair**: Solution is incorrect due to a significant error in implementation of either a correct or incorrect plan.
   **Poor**: No discernable solution is given.

4. Presentation
**Excellent:** Work is clear and readable, including attention to grammar and spelling. All pertinent information, including graphics and statistical summaries, is properly referenced, and easy to find and interpret.

**Good:** Work is reasonably clear, but contains a small number of minor errors in grammar, spelling, organization, reference or presentation of graphics and statistical summaries.

**Fair:** Work is not clearly communicated and contains numerous minor errors in grammar, spelling, organization, reference or graphics and summaries.

**Poor:** Work is uninterpretable due to major sloppiness and a general lack of attention to detail.