# General Grading Rubric

*The following is an attempt to quantify an in inherently qualitative process/system.*

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<th>Grade</th>
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| A     | 10    | Perfect  
       |       | • Organized, easy to follow, the steps are explained and the logic/assumptions are explained  
       |       | • All numerical calculations are complete and exactly correct  
       |       | • Results are fully explained and put in context  |
|       | 9     | Excellent  
       |       | • Organized and easy to follow such that conceptual understanding (including assumptions) is obvious.  
       |       | • Numerical calculations are correct  
       |       | • Results are discussed and put in context  |
| B     | 8     | Good  
       |       | • Solution is organized and easy to follow such that conceptual understanding (including assumptions) is obvious.  
       |       | • Numerical calculations are generally correct  
       |       | • Results are discussed  |
|       | 7     | Acceptable  
       |       | • Solution is organized and easy to follow such that conceptual understanding is obvious.  
       |       | • Some numerical errors  
       |       | • Results are discussed with small omissions in assumptions  |
| C     | 6     | Basic  
       |       | • Solution is organized and easy to follow but contains some conceptual errors or jumps in logic  
       |       | • Some numerical errors  
       |       | • Omissions in assumptions  
       |       | • Results are discussed and explained, but contain some misunderstandings or errors  |

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1 This idea and many of these words are shamelessly stolen from Prof. Brian Bingham.
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| C     | 5     | Minimal – Conceptual errors  
- Solution is organized and easy to follow but contains conceptual
  errors or jumps in logic  
- Numerical errors  
- Omissions in assumptions  
- Results are discussed and explained, but contain
  misunderstandings and/or errors |
| D     | 4     | Not good  
- Numerical errors  
- Solution is organized and easy to follow but contains major
  conceptual errors or jumps in logic  
- Omissions in assumptions  
- Discussions of results is missing |
| 3     | Bare minimum  
- Numerical errors  
- Hard to follow the solution  
- Approach is wrong  
- Omissions in assumptions  
- Discussions of results is missing |
| F     | 2     | Seek help  
- Numerical errors  
- Hard to follow the solution  
- Approach is wrong  
- Omissions in assumptions  
- Cannot or do not finish solution |
| 1     | What happened?  
- Numerical errors  
- No solution exists either can’t start or cannot really get started  
- Essentially a restatement of the problem statement |
| 0     | Nothing  
- Didn’t attempt |