

# Portland State University

## Electrical & Computer Engineering

### Power Engineering

## -Homework Expectations and Grading Policy-

Homework assignments will be evaluated based on the solution, the work performed, and the professionalism of the presentation. The policies for assessment are presented below.

### **Correctness of the Work**

Full credit will be given to the correct solution if and only if:

- The work is complete, meaning that all parts of the problem have been fully addressed.
- Solutions are clearly marked (i.e. boxed, underlined, highlighted, etc.).
- Work is clearly presented to show how the solution was derived.
- Work was performed by the student who submitted the homework assignment.
- Working together is encouraged, but you must present unique work. Keep this in mind in the case where you are using software simulations, Matlab code, etc.

### **Partial Credit**

Partial credit shall be given for problems if the process undertaken is largely or partially correct even when the solution is wrong. However, partial credit will only be awarded if the following conditions are met.

- The work is legible and easy to follow.
- Steps performed are presented linearly, progressing down the page and immediately preceding the clearly marked solution.
- When applicable, all source code is provided and is commented such that it can be easily understood.
- All simulation values are shown in the simulation results with an explanation of how the values used were derived.

### **Professionalism**

A modifier will be multiplied to each homework or individual problem score as appropriate, which may deduct a percentage of the credit received based on the professionalism of the work presented. For example, a modifier of 1 is 100% and will mean that no credit is lost. However, the modifier may be as low as 0.25 for poorly presented work, meaning that up to 75% of credit may be lost based on the criteria outlined below. Please note that no credit will be given for work that is illegible.

- Order and presentation of the complete assignment (15%)
  - Staple homework assignments
  - Label problem numbers
  - Provide homework problems in the numerical order in which they were assigned

- Give each problem its own page or clearly denote where one problem ends and another begins
- Legibility (10%)
  - Write clearly
  - Fully erase incorrect work
  - If your handwriting is difficult to read or sloppy, use software. Mathcad and LaTeX are both great options here.
  - The grader is not obliged to grade work that does not meet these expectations.
- Presentation of results (50%)
  - Always, always make your process clear and provide context for your results
  - When presenting simulation or software results, do not simply provide screen shots. Some explanation of the work performed and an interpretation of results are both required for full credit.
  - The process and analysis should be provided clearly and professionally. Do not simply make notes on a software screen shot. Use tables, provide equations and write a coherent explanation of the work completed as appropriate. Consider doing this digitally to integrate all work neatly.
  - Imagine that you are presenting this work to a supervisor and you would like to be taken seriously.