

In this lab you will work in groups of 3 on Chapter 1 Project C (The Phase Line). If you have not assembled a group by Monday, September 19, I will help you form a group in class. All members of your group will receive the same grade on the project.

Note that the week the Project is due, there will also be regular homework. Therefore you need to get started on the Project now.

Answer each of the questions a) through h) of the Project. If a question asks you to describe or explain something, you need to use full sentences. The grading will take into account the clarity of your answers.

Your project must be typed up and then printed out. Using Word is fine. Math and physics students might be interested in trying out LaTeX. It is acceptable to hand draw your figures.

As you work on the project, you'll need to be aware of the following convention for drawing phase lines. Phase lines are typically drawn as a horizontal line with values of y increasing from left to right on the line. At each equilibrium you put a dot, and between the dots you put an arrow – the arrow points left for decreasing solutions and it points right for increasing solutions.