

Lecture 7

Friday, April 11, 2008
12:15 PM

<http://courses.washington.edu/mse170/index.shtml>

Course Notes

1. Rules of "The Game":
 - I am going to make 3 mistakes in my lecture notes by the end of lecture Friday
 - Those mistakes will be written on the board -- they will not be in my jumbled wording -- if I mispeak because I haven't had my morning coffee.
 - To win you must:
 - 1) Document all 3 mistakes on paper
 - 2) Provide corrections for all 3 mistakes on paper
 - 3) Be the first person in your lab section to turn in the written solutions to your lab section TA
 - You will win 2 extra credit points on your homework grade (which is a 20% kicker on any given homework)
2. First Exam is scheduled for 1 week from Today -- Cover all material up through Diffusion
3. Second Homework is due at the end of this week -- remember it must be submitted on engineering paper
4. The second lab starts this week and will last for 2 weeks

Review:

- Last time we talked about crystallographic directions -- how to determine them and how to interpret them
- We talked about crystallographic planes and miller indices -- how to determine them and how to interpret them
- We finished (a little rushed) on calculation of interatomic spacings

Rest of Lecture is on PowerPoint presentation that goes with Lecture 7