

Final Exam

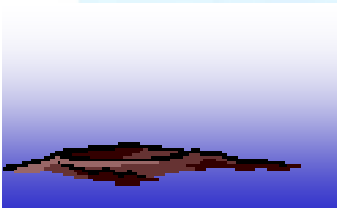
Date: Sunday August 22 at noon

Place: Biology B-280A



NO Graphic Calculators Allowed!

*Only an 8½ x 11" page with
everything you want to write*



What's in?

Let's start with problems related to:

- Exam 1:
 - Magnetic properties of materials
 - Volume and density of crystalline solids including phases present in steels.
- Exam 2:
 - Analysis of a tensile test
 - Diffusion (applied to carburizing and doping of semiconductors)

What's in? (cont.)

Corrosion

Fracture (creep and fatigue)

Phase Transformations

Metal Alloys and Thermal Processing

Phase Diagrams

- One-component phase diagrams and theory of phase diagrams.
- Eutectic and peritectic transformations
- Phase diagrams covered in the ferrous alloys & aluminum alloys sections. **EVERYTHING** about them must be known!!



Enough?



Tip:

Study first from the presentations and your notes, and then from clarify concepts from the textbook

