

Much of the required material is covered in the notes on the net

Chapter 1. Mechanics

All except 1.6. Quantitative.

Chapter 2. Atomic Structure.

All, but not in great detail nor quantitative

Chapter 3. Elasticity.

All, quantitative.

Chapter 4. Plasticity.

All, but not in great detail nor quantitative

Chapter 5. Brittle Fracture.

Only qualitative

Chapter 6. Viscosity.

Not required

Chapter 7. Surface energies

Quantitative only for liquids

Chapter 8. Thermal properties

All, quantitative