

Besides everything that has gone before...

- Chapter 29
 - Induced EMF, Faraday's Law and Lenz's Law, moving loops, loops changing size
 - Generators - general principles
 - Transformers, the transformer eqn
 - Electric Field produced by changing Magnetic Flux
- Chapter 30
 - Mutual inductance, solenoids
 - Energy
 - LR Circuits, LC Circuits (+ Energy), LRC
- Chapter 31
 - LRC Circuits, AC Circuits
 - Resonance

Chapter 29: End of chapter problems for section 29-1,2,3,4,6,7,
general problems 63, 65 (hard), 71 (hard)

Chapter 30: End of chapter problems for section 29-1, 2, 3, 4, 5, 6
and general problems 43, 45, 47, 51, 53 (tricky, but not hard)

Chapter 31: (There won't be much on the exam on this chapter).
End of chapter problems for section 31-1,2,3,4,5 (but no
phasors),6 and general problems 35, 37, 39, 41, 43