The following chapters and sections will be covered:

**Chapter 2 - DC Networks**
2.5 Resistance and Ohm’s Law
2.8 Series DC Networks

**Chapter 3 - Series / Parallel DC Networks, Theorems and Storage Elements**
3.2 Series/Parallel Networks
3.3 Current Sources
3.5 Multisource Networks
3.7 Network Theorems

**Chapter 4 - AC Networks**
4.2 Sinusoidal (AC) Waveform
4.4 Effective (RMS) Values
4.5 Average Values
4.7 The R, L, C Elements
4.8 Phasors and Complex Numbers
4.9 Series (AC) Networks
4.10 Parallel (AC) Networks

**Chapter 5 - AC Network Theorems, Polyphase Systems and Resonance**
5.2 Series/Parallel (AC) Networks
5.3 Multisource (AC) Networks
5.4 Network Theorems
5.8 Power (AC)
5.9 Polyphase Systems

**Chapter 6 - Electromagnetism**
6.4 Transformers

**Chapter 7 - Generators and Motors**
7.2 DC Generators
7.3 DC Motors
7.4 AC Generators

**Grading**
- Attendance: 10
- Two midterm exams: 30
- Homeworks + Quizzes: 20

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**Notes:**

- If the student misses an exam, they must make it up within 25% of the time. If the student misses class, they must make up the missed work within 25% of the time.