

COVERED MATERIAL FOR MID-TERM AND FINAL EXAMS

Power Supply Documents

1. Introduction to Power Supplies

Everything until Flyback regulator (Fig. 7)

2. Switching Regulator Circuit Samples

Just select one example for the applications in your assignment #1

3. Power Conversion in Line Powered Equipment

Mainly the parts up to and including linear voltage regulators (page 4)

4. Optically Isolated Phase Control

Just understand the concept – no circuit details

Ultrasound Documents

1. Ultrasound front-end design

Everything + examples in the lecture presentation

Hemodialysis Documents

1. Dialysis control components #1

2. Dialysis control components #2

3. Dialysis control components #3

4. Dialysis control components #4

5. Dialysis control components #5

6. Dialysis control components #6

Only what was included in the lecture presentation will be in your exam. These documents were only for your assignments.

Hardcopy Handouts

1. Hemodialysis and ultrasound chapters

Only what was included in the lecture presentation will be in your exam – you can use these for your assignment only.