

2nd YEAR SYLLABUS Semester 2

Syllabus number	Title	Book Number	Lesson
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Section 4

30	Semiconductors	J 215.H	1
31	Semiconductor Diode	J 215.H	2
32	Zener Diodes and Other Special Purpose Diodes	J 215.H	3
33	Understanding the Basic Functions of Diodes & Rectifiers	J 215.H	4
34	Power Supplies	J 215.H	5
35	Filters, Chokes, Voltage Regulators, Dividers and Doublers	J 215.H	6
36	Transistors	J 215.H	7
37	JFETs, MOSFETs, and Other Transistor Types	J 215.H	8

Section 5

38	Review and Introduction	J 244.H	16
39	Industrial Specifications	J 244.H	17
40	Industrial Prints I	J 244.H	18
41	Industrial Prints II	J 244.H	19
42	Industrial Prints III	J 244.H	20

Section 6

43	Magnetism and Electromagnetism	J 205.H	1
44	Transformers Operation Principles	J 205.H	2
45	Transformer Connections	J 205.H	4
46	Real World Transformer Connection	J 205.H	5
47	Power Generation and Distribution	J 205.H	7

Week 4 Books

