

## 2<sup>nd</sup> YEAR SYLLABUS

Syllabus number	Title	Book Number	Lesson
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### Section 14

59	Semiconductors	J 215.H	1
60	Semiconductor Diode	J 215.H	2
61	Zener Diodes and Other Special Purpose Diodes	J 215.H	3
62	Understanding the Basic Functions of Diodes & Rectifiers	J 215.H	4
63	Power Supplies	J 215.H	5
64	Filters, Chokes, Voltage Regulators, Dividers and Doublers	J 215.H	6

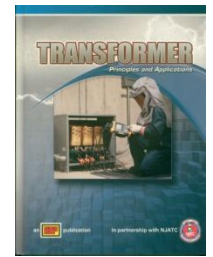
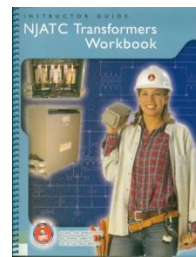
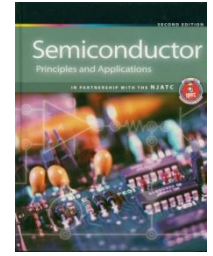
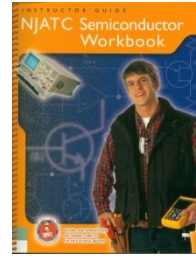
### Section 15

65	Magnetism and Electromagnetism	J 205.H	1
66	Transformers Operation Principles	J 205.H	2
67	Transformer Connections	J 205.H	4
68	Real World Transformer Connection	J 205.H	5
69	Power Generation and Distribution	J 205.H	7

### Section 16

70	Autotransformers	J 205.H	9
71	Buck-Boost Transformers	J 205.H	10
72	Special Transformers	J 205.H	11
73	Selection and Installation	J 205.H	13
74	Maintenance and Troubleshooting	J 205.H	14

## Week 4 Books



## Semester Test Books

