

**1st YEAR SYLLABUS Semester 2**

Syllabus number	Title	Book Number	Lesson
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**Section 1**

22	Understanding Resistance in DC Combination Circuits	J 202.I	19
23	How Current Reacts in DC Combination Circuits	J 202.I	20
24	How Voltage Functions in DC Combination Circuits	J 202.I	21
25	How to Calculate Power in DC Combination Circuits	J 202.I	22
26	How Voltage and Current Dividers Work	J 202.I	23
27	The Design and Operation of the Three-Wire, Single-Phase System	J 221.I	21

**Section 2**

28	Hand Bending – Three and Four Bend Saddles	J 204.G	7
29	Push-Through bending: 90 Degree Bends	J 204.G	8
30	Bending Kicks, Offsets, and Saddles Using the Push-Through method	J 204.G	9
31	Segmented Bends	J 204.G	10

**Week 4 Books**

