



Year 1	<u>1st Quarter</u> <ul style="list-style-type: none"> SAFETY – 100 BREADBOARDING BASIC CONCEPTS, CIRCUITS ELECTRICAL QUANTITIES - 200 BASIC CIRCUITS, LAWS, AND INSTRUMENT MEASUREMENTS – 300,400 CIRCUIT COMPONENTS – 200 <p>124 HOURS</p>	<u>2nd Quarter</u> <ul style="list-style-type: none"> MULTIPLE LOAD CIRCUITS – 500/600 COMPLEX CIRCUITS – 700 TROUBLESHOOTING - 2800 MAGNETS AND MAGNETISM MOTORS – 3000 <p>124 HOURS</p>	<u>3rd Quarter</u> <ul style="list-style-type: none"> ALTERNATING CURRENT – 900 OSCILLOSCOPE – 1000 SOLDERING/DESOLDERING - 2000 CAPACITANCE - 1500 INDUCTANCE – 1100 REACTANCE – 1200, 1600 <p>124 HOURS</p>	<u>4th Quarter</u> <ul style="list-style-type: none"> TRANSFORMERS - 1400 POWER IN AC CIRCUITS R-C-L CIRCUITS – 1300, 1700, 1800 RESONANCE – 1900 HISTORY OF ELECTRONICS – 3100 <p>124 HOURS</p>
Year 2	<u>1st Quarter</u> <ul style="list-style-type: none"> SAFETY - 100 INTRODUCTION TO ANALOG ELECTRONICS SEMICONDUCTORS - 200 DIODES – 2100 <p>124 HOURS</p>	<u>2nd Quarter</u> <ul style="list-style-type: none"> POWER SUPPLIES - 2200 TRANSISTOR CHARACTERISTICS - 2300 SMALL SIGNAL AMPLIFIERS – 2400 <p>124 HOURS</p>	<u>3rd Quarter</u> <ul style="list-style-type: none"> POWER SUPPLIES - 2200 TRANSISTOR CHARACTERISTICS - 2300 SMALL SIGNAL AMPLIFIERS – 2400 <p>124 HOURS</p>	<u>4th Quarter</u> <ul style="list-style-type: none"> COMMUNICATIONS - 2900 INTEGRATED CIRCUITS AND THE 555 TIMER IC ELECTRONIC CONTROL DEVICES REGULATORS AND REGULATED SUPPLIES HISTORY OF ELECTRONICS – 3100 <p>124 HOURS</p>
Year 3	<u>1st Quarter</u> <ul style="list-style-type: none"> SAFETY - 100 INTRODUCTION TO DIGITAL ELECTRONICS - 2600 NUMERIC SYSTEMS IN DIGITAL ELECTRONICS - 2600 LOGIC GATES – 200, 2600 <p>124 HOURS</p>	<u>2nd Quarter</u> <ul style="list-style-type: none"> COMBINING LOGIC GATES – 2600 BOOLEAN SIMPLIFICATION – 2600 KARNAUGH MAPPING - 2600 INTEGRATED CIRCUIT SPECIFICATIONS AND INTERFACING ENCODING, DECODING, AND 7-SEGMENT DISPLAYS <p>124 HOURS</p>	<u>3rd Quarter</u> <ul style="list-style-type: none"> FLIP FLOPS COUNTERS SHIFT REGISTERS <p>124 HOURS</p>	<u>4th Quarter</u> <ul style="list-style-type: none"> ARITHMETIC CIRCUITS MEMORIES CONNECTING WITH ANALOG DEVICES SOLDERING/DESOLDERING – 2000 HISTORY OF ELECTRONICS – 3100 <p>124 HOURS</p>