FIRST YEAR SECOND SEMESTER 2021

	DATE	TEXT	TITLE	LESSON	Hours	Questions
	January 11, 2021	Monday			4	
		Blueprints (J244.H)	Understanding How to properly use a residential Blueprint	7		23
		Blueprints (J244.H)	Reading and Analyzing a Residential BluePrint	8		20
	January 19, 2021	**Tuesday**	**I.O. #6_____ 4:30 to 6:30PM**		2	
1	**February 1, 2021**				8	
	CODE #8	DC Theory (J202.sw.I)	Current Voltage and Resistance in a Circuit	1		33
	ART. 320-330 _____	DC Theory (J202.sw.I)	The Electrical Circuit and Ohm's Law	2		30
		DC Theory (J202.sw.I)	Power in DC Circuit	3		25
		DC Theory (J202.sw.I)	What is Electricity?	5		25
2	**February 15, 2021**				8	
		DC Theory (J202.sw.I)	Electrical Energy Sources	6		25
	CODE #9	DC Theory (J202.sw.I)	Electrical Switches	7		15
	ART. 330-340 _____	DC Theory (J202.sw.I)	Conductors, conductor resistance, Wattage Loss	8		25
		DC Theory (J202.sw.I)	Introduction to Electrical Devices	9		20
		Blueprints (J244.H)	Understanding, Interpreting and Evaluating Blueprint Specifications	12		24
3	**March 1, 2021**				8	
	I.O. #7 _____	Blueprints (J244.H)	Interpreting Blueprint Schedules and Locating Components on the Print	13		16
		Blueprints (J244.H)	Becoming Familiar with Blueprint Systems Integration	14		18
		Blueprints (J244.H)	Learning How to Effectively Use Blueprints	15		17

4	**March 15, 2021**				8	
	ART. 342-352 _____	DC Theory (J202.sw.I)	The Series Circuit	10		10
	CODE #10					
	I.O.#8 _____	DC Theory (J202.sw.I)	Understanding and Calculating Resistance in a DC Series	11		18
		DC Theory (J202.sw.I)	How Current Reacts in DC Series Circuit	12		17
5	**March 29, 2021**				8	
		DC Theory (J202.sw.I)	How voltage Functions in a DC Series circuit	13		21
		DC Theory (J202.sw.I)	How to Calculate Power in a DC Series Circuit	14		17
	CODE #11	Test Instruments (J285.H)	Introduction to Test Instruments	1		
	ART. 353 - 362 _____	DC Theory (J202.sw.I)	How Current Reacts in a DC Parallel Circuit	15		19
		DC Theory (J202.sw.I)	Understanding Resistance in a DC Parallel Circuit	16		15
6	**April 12, 2021**				8	
	I.O.#9 _____	DC Theory (J202.sw.I)	How voltage Functions in a DC Parallel Circuit	17		18
		DC Theory (J202.sw.I)	How to Calculate Power in a DC Parallel Circuit	18		16
	CODE #12	DC Theory (J202.sw.I)	Understand Resistance in a DC Combination Circuit	19		16
	ART. 366 - 374 _____	DC Theory (J202.sw.I)	How Current Reacts in a DC Combination Circuit	20		15
		DC Theory (J202.sw.I)	How Voltage functions in a DC Combination Circuit	21		16
7	**April 26, 2021**				8	
	I.O.#10 _____	DC Theory (J202.sw.I)	How to Calculate Power in a DC Combination Circuit	22		8
	CODE #13	DC Theory (J202.IG.I)	How Voltage and Current Dividers Work	23		20
	ART. 376 - 388 _____	HAND OUT	The Design and Operation of the Three-Wire, Single-Phase System			
		DC Theory (J202.sw.I)	Applying the principle of superposition to Circuit Calculations	24		16

2025		FIRST YEAR		2020-2021 Spring Semester		
8	**May 10, 2021**				8	
	I.O.#11 _____	DC Theory (J202.sw.I)	Understanding the Principles of Magnetism	27		25
	CODE #14	DC Theory (J202.sw.I)	Understanding the Principles of Electromagnetism	28		20
	ART. 390-399	DC Theory (J202.sw.I)	DC Generators and Motors	29		28
		DC Theory (J202.sw.I)	Using DC Theory Principles to solve Real World Problems	30		31
9	**May 24, 2021**				8	
	I.O.#12 _____	Blueprints (J244.H)	Review and Introduction	16		19
	Code #15	Blueprints (J244.H)	Industrial Specifications	17		34
	110,300,310,312,314,	Blueprints (J244.H)	Industrial Prints 1	18		18
		Blueprints (J244.H)	Industrial Prints 2	19		18
		Blueprints (J244.H)	Industrial Prints 3	20		20
10	**June 10, 2021**		**4:00 PM to 9:30PM**		5	
	I.O.#13 _____		**REVIEW**			
11	**June 17, 2021**	**Wednesday**	**Final Exam**		8	
			8:00AM TO 4:30PM			
	FINAL CODE GRADE _____		FINAL I.O. TEST GRADES _____		91	