

FIRST YEAR

	B	FIRST YEAR	Spring SEMESTER		HOURS	Questions
	DATE		TITLE		LESSON	
	1/12/2021	4:30 - 9:00PM	Policy		4	
	ALL CLASSES WILL BE HELD FROM 8:00AM TO 5:00PM UNLESS NOTED.					
1	January 25, 2021				8	
	CODE #1	Orientation (J200IG.I)	How to Study This Course & Achieve Your Personal Goals		1	0
	ART. 100 _____	Orientation (J200IG.I)	The Attributes of an IBEW/NECA Apprenticeship		2	0
	PGS 70-33 TO 37	Orientation (J200IG.I)	Knowing Your Apprenticeship & Your Responsibilities		3	0
	last word "EGC"	Orientation (J200IG.I)	The IBEW & Its History		4	0
	20 Code Questions	Orientation (J200IG.I)	NECA's Structure & Heritage		5	0
2	February 8, 2021				8	
		Orientation (J200IG.I)	Your Job & The future it Holds for you		6	0
	CODE #2	Orientation (J200IG.I)	Sexual Harassment		7	0
	ART. 100 _____	Orientation (J200IG.I)	The Economics of Unemployment		8	0
	PGS. 70-37 TO 43	Orientation (J200IG.I)	Safely Never Takes a Break		9	0
		Job Information -1 (J221.IG.I)	Identifying Some Basic Tools of the Trade		1	0
		Job Information -1 (J221.IG.I)	The Workplace of an Electrical Worker		2	0
3	February 22, 2021				8	
	I.O. #1 _____	Job Information -1 (J221.IG.I)	The proper Care & Use of Ladders		3	0
	CODE #3	Job Information -1 (J221.IG.I)	Choosing and Installing the Correct Masonry Fastener		4	0
	ART. 100 _____	Job Information -1 (J221.IG.I)	Alignment and Measurement		5	0

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		Job Information -1 (J221.IG.I)	The Reality of Electrical Shock	6			O
	February 22, 2021	Job Information -1 (J221.IG.I)	Electrical Safety	7			O
		Conduit Fabrication (J204.G)	Introduction to Conduit Bending	1		28	T
		Conduit Fabrication (J204.G)	Conduit Types	2		46	T
		Conduit Fabrication (J204.G)	Conduit Threading Techniques	3		22	T
4	March 8, 2021					8	
	CODE #4	Job Information -1 (J221.IG.I)	CAUTION: Overhead work in Progress	9			O
	ART. 110 _____	Job Information -1 (J221.IG.I)	Fault Circuit Interrupters	8			O
		Job Information -1 (J221.IG.I)	Using and installing Twist-on wire Connectors	10			O
		Conduit Fabrication (J204.G)	Hand Fabrication of 90° Stubs	4		47	T
		Conduit Fabrication (J204.G)	Hand Fabrication of Back-to-Back Bends	5		14	T
	March 12, 2021	Friday	TUITION IS DUE				
5	March 22, 2021					8	
	<u>I.O.#2 _____</u>	Conduit Fabrication (J204.G)	Hand Bending Offsets and kirks	6		39	T
		Conduit Fabrication (J204.G)	Hand Bending - Three & four Bend Saddles	7		38	T
		Conduit Fabrication (J204.G)	Push - through Bending: 90 degree bends	8		40	T
		Conduit Fabrication (J204.G)	Bending Kicks, offsetd and Saddles using the push-Through Method	9		43	T
6	April 5, 2021					8	
		Conduit Fabrication (J204.G)	Segment Bends	10		20	
	CODE #5	Job Information -1 (J221.IG.I)	Building Wire Construction & Insulation Properties	1			O
	ART. 300 _____	Job Information -1 (J221.IG.I)	How building Wire is Sized	2			O
		Job Information -1 (J221.IG.I)	Working Properly With Aluminum Conductors	3			O
		Job Information -1 (J221.IG.I)	Identifying Commonly used Electrical Materials	4			O
		Job Information -1 (J221.IG.I)	Working with Prefixes & Powers of 10	5			O
		Job Information -1 (J221.IG.I)	Using the Metric System & Metrication Changes	6			O

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7	April 19, 2021	Wednesday			8		
	I.O.#3 _____	Job Information -1 (J221.IG.I)	How to solve Basic Algebraic equations	7			0
		Job Information -1 (J221.IG.I)	Introduction to Firestopping	8			0
		Job Information -1 (J221.IG.I)	Fire-resistant Wall and Floor Assembly Penetrations	9			0
		Job Information -1 (J221.IG.I)	Fire stop Applications	10			0
		Job Information -1 (J221.IG.I)	Wire-pulling Techniques	11			0
		Code, Standards and Practices	An Introduction To The National Electrical Code	1			0
		Code, Standards and Practices	Interpeting the language of the NEC- Art 100	2			0
8	May 3, 2021				8		
		Code, Standards and Practices	Understanding and Applying Article 110- NEC	3			0
		Code, Standards and Practices	Understanding and Applying Article 110- NEC 2	4			0
	I.O.#4 _____	Code, Standards and Practices	General building Wire Properties and the NEC	5			0
		Code, Standards and Practices	Understanding Conductor Insulation and NEC Specification	6			0
		Code, Standards and Practices	Introduction to Wiring devices	7			0
		Code, Standards and Practices	General Requirements Related to Installing Wiring Devices	8			0
	May 8, 2021	SATURDAY	CPR/AED/FIRSTAID		6		
9	May 17, 2021				8		
	CODE #6	Code, Standards and Practices	General Requirements Related to Installing Industrial Wiring Devices	9			0
	ART. 310, 312 _____	Code, Standards and Practices	Specific Receptacle Installation Requirements	10			0
		Code, Standards and Practices	Specific Switch Installation Requirements	11			0
		Blueprints (J244.I)	The Fundamentals of Blueprint Drawing & How to Make Proper Sketches	1		18	T
		Blueprints (J244.I)	Understanding Architectural views & How to Draw Them	2		14	T

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10	June 1, 2021					
	I.O.#5 _____	Blueprints (J244.I)	Recognizing & Understanding Common Scales Used on Blueprints	3		13 T
	CODE #7	Blueprints (J244.I)	Using Blueprints Specifications, Elevations & Schedules Properly	4		27 T
	ART. 314 _____	Blueprints (J244.I)	Understanding & Drawing Electrical Symbols Used on Blueprints	5		20 T
11	June 7, 2021				8	
		Blueprints (J244.H)	Understanding & Drawing Mechanical symbols Used on Blueprints	6		14 T
		Blueprints (J244.H)	Understand How to properly use a residential Blueprint	7		23 T
		Blueprints (J244.H)	Reading and Analyzing a Residential Blueprint	8		20 T
12	June 14, 2021	THURSDAY			8	
	I.O.#6 _____	SEMESTER EXAM	Silicosis/lift training/lead awareness			
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