

**THIRD YEAR**

	DATE	TEXT	TITLE	LESSON	HOURS	Questions
	<b>August 15, 2019</b>	<b>4:30 TO 9:00</b>	<b>POLICY AND BOOKS</b>		4	
	ALL CLASSES WILL BE HELD FROM 8:00AM TO 5:00PM UNLESS NOTED.					
1	<b>August 27, 2019</b>				8	
	CODE #1	Fire Alarm (J211.I)	Introduction to Fire Alarms Systems	1		0
	ART. 90,100,110 _____	Fire Alarm (J211.I)	Fundamentals and System Requirements	2		0
		Fire Alarm (J211.I)	Initiating Devices	3		0
		Fire Alarm (J211.I)	Notification Devices	4		0
	<b>September 20, 2019</b>	Friday	<b>TUITION IS DUE</b>			
			<b>Late fee starting September 21, 2019</b>			
2	<b>September 10, 2019</b>				8	
	CODE #2	Fire Alarm (J211.I)	Wiring and Wiring Methods	5		0
	ART. 300, 314 _____	Fire Alarm (J211.I)	System Interfaces and Emergency Control Functions	6		0
		Fire Alarm (J211.I)	Emergency Communications Systems and Emergency Voice/Alarm Systems	7		0
		Fire Alarm (J211.I)	Plans and Specifications	8		0
3	<b>September 24, 2019</b>				8	
	I.O. #1 _____	Becoming A Qualified Rigger,Rigging,Hoisting and Signaling Practices	Rigging Principles, Hoisting Safety	1,1		19
		Becoming A Qualified Rigger,Rigging,Hoisting and Signaling Practices	Fiber Rope, Wire Rope and Wire Rope slings.	2,11		19
		Rigger,Rigging,Hoisting and Signaling Practices	Knots, Fiber rope and Knots	3, 12		23

# THIRD YEAR

	<b>September 24, 2019</b>	Becoming A Qualified Rigger,Rigging,Hoisting and Signaling Practices	Blocks, Block and Tackle	4, 13		17
		Becoming A Qualified Rigger,Rigging,Hoisting and Signaling Practices	Slings and Chains, Chains and Chain Slings, Synthetic Slings.	5,9,10		16, 18
4	<b>October 4, 2019</b>	<b>Friday</b>			8	
		Becoming A Qualified Rigger,Rigging,Hoisting and Signaling Practices	Wire Rope, Slings and Sling Hitches	6, 6		17
	CODE #3	Becoming A Qualified Rigger,Rigging,Hoisting and	Rigging Hardware,	7, 8		20
	ART'S. 404,406,408,410	Becoming A Qualified Rigger,Rigging,Hoisting and	Hoist	8, 14		18
		Becoming A Qualified Rigger,Rigging,Hoisting and Signaling Practices	Working with Cranes, Cranes	9, 2		25
		Rigger,Rigging,Hoisting and	Hand Signals	10, 4		18
		Rigger,Rigging,Hoisting and	Load Charts, Load Weight and Balance	11,5		16
5	<b>October 22, 2019</b>				8	
	I.O.#2 _____	AC Theory (J203)	Reviewing the Applications of DC Theory	1		30
		AC Theory (J203)	AC Theory Review HandOut			
		Transformers (J205.H)	Harmonics	6		27
		Transformers (J205.H)	Reactors and Isolation Transformers	8		16
6	<b>November 1, 2019</b>	<b>Friday</b>			8	
		Transformers (J205.H)	Autotransformers	9		32
	CODE #4	Transformers (J205.H)	Buck-Boost Transformers	10		28
	ARTS. 440 TO 455	Transformers (J205.H)	Selection and Installation	13		31
		Transformers (J205.H)	Maintenance and Troubleshooting	14		22

**THIRD YEAR**

7	<b>November 19, 2019</b>				8	
	CODE #5	Semiconductors (J215.H)	Semiconductors	1		○
	ARTS. 460 TO 490	Semiconductors (J215.H)	Semiconductor Diodes	2		○
	I.O. #3 _____	Semiconductors (J215.H)	Zener Diodes and other Special Purpose Diodes	3		○
		Semiconductors (J215.H)	Understanding the Basic Functions of Diodes and Rectifiers	4		○
		Semiconductors (J215.H)	Power Supplies	5		○
8	<b>December 3, 2019</b>				8	
	I.O.#4 _____	Semiconductors (J215.H)	Filters, Chokes, Voltage Regulators, Dividers and Doublers	6		○
		Semiconductors (J215.H)	Transistors	7		○
	CODE #6	Semiconductors (J215.H)	Light Emitting Diodes(LEDs), Lasers and Phototransistors	8		○
	ARTS. 500 TO 504	Semiconductors (J215.H)	Electronic Applications	9		○
		Semiconductors (J215.H)	Optoelectronics and Fiber Optics	10		○
9	<b>December 7, 2019</b>	<b>SATURDAY LAB</b>	<b>RADIO LAB</b>		8	
		<b>7:30 AM Start</b>				
10	<b>December 17, 2019</b>				8	
	I.O.#5 _____	Intelligent Network Video	Evolution of Video Surveillance System	1		○
		Intelligent Network Video	Components of Network Video	2		○
		Intelligent Network Video	Network Cameras	3		○
		Intelligent Network Video	Lighting	4		○
11	<b>January 9, 2020</b>	<b>Thursday</b>			8	
		Intelligent Network Video	Lenses and Image Sensors	5		○
	CODE #7	Intelligent Network Video	Scanning, Image Processing and Resolution	6		○
	ARTS. 511 TO 516	Intelligent Network Video	Thermal Cameras	7		○

# THIRD YEAR

		Intelligent Network Video	Video Compression Technologies	8	○
	<b>January 9, 2020</b>	Intelligent Network Video	Audio Technologies and Video Encoders	9	○
12	<b>January 23, 2020</b>	<b>Thursday</b>	<b>SEMESTER EXAM</b>	8	
	I.O.#6 _____		Asbestos/lift training/Silca awareness		
				100	