

2021	FIFTH Year			2020-2021	
				SPRING	SEMESTER
FIFTH YEAR				SPRING SEMESTER 2021	
DATE	TEXT	TITLE	L	H	Q
January 8, 2021					
	Instrumentation (S600)	Fundamentals of Pneumatics and Control View		4	
	Instrumentation (S600)	Fundamentals of Controllers			
	Instrumentation (J297)	Fundamentals of A Smart Instrument Communicator	15		26
	Instrumentation (J297)	Fundamentals of Smart Instrument Calibration	16		37
January 22, 2021				4	
	Instrumentation (J297)	Fundamentals of Instrument Installation (Part 1)	17		40
	Instrumentation (J297)	Fundamentals of Instrument Installation (Part 2)	18		19
	Instrumentation (J297)	Fundamentals of Instrument Maintenance	19		33
	Instrumentation (J297)	Fundamentals of Control Valve Maintenance	20		59
February 3, 2021				8	
CODE #8 _____	Instrumentation (J297)	Fundamentals of Instrument Tubing	21		16
instru test 2	Instrumentation (J297)	Application of the Fundamentals	24		50
	Instrumentation (J297)	Elements of a Control and Process Systems	25		44
	Instrumentation (J297)	Loop Checking Process Control System	26		48
		The Role of the Foreman			
February 18, 2021	Thursday			8	
CODE #9 _____	Instrumentation (J297)	Troubleshooting a Process Control System	27		29
	Instrumentation (J297)	Start-up and Loop Tuning Process Control System	28		23
	Instrumentation (J297)	Distributed Control System I	30		33
		Project Start-up			

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<b>March 3, 2021</b>	<b>Epry Exam</b>		SPRING	SEMESTER <b>8</b>
I.O. #6 _____		Material Management		
<b>March 17, 2021</b>				<b>8</b>
	Fiber Optics	Introduction to Fiber Optics	1	14
	Fiber Optics	Understanding Fiber-Optic Terminology	2	11
CODE #10 _____	Fiber Optics	Fiber Optic Communications	3	8
	Fiber Optics	Fiber Optics Transmission Systems and Components	4	9
		Labor Relations		
<b>March 31, 2021</b>				<b>8</b>
	Fiber Optics	Optical Fiber	5	10
Instru test 2	Fiber Optics	Fiber-Optic Cable	6	15
	Fiber Optics	Connectors and Splices	7	11
CODE #11 _____	Fiber Optics	Fiber Optics Testing	8	15
		Understanding the Estimate		
<b>April 14, 2021</b>				<b>8</b>
	Fiber Optics	Fiber Optics Network Design	9	13
CODE #12 _____	Fiber Optics	Fiber Optic Network Installation	10	14
	Structured Cabling (J271.I)	The Need for Structured Cabling Systems	1	25
	Structured Cabling (J271.I)	Introduction TIA/EIA Standards and Codes	2	24
	Structured Cabling (J271.I)	Structured Cabling System Overview	3	27
		Man-loading and Scheduling		
<b>April 28, 2021</b>				<b>8</b>
I.O. #7 _____	Structured Cabling (J271.I)	Safety Codes	4	30
CODE #13 _____	Structured Cabling (J271.I)	Cabling System Performance	5	26
	Structured Cabling (J271.I)	Unshielded Twisted Pair Cables	6	33
	Structured Cabling (J271.I)	Unshielded Twist Pair Connecting Hardware	7	30
		Page 2 of 5		2/1/2021

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<b>April 28, 2021</b>	Structured Cabling (J271.I)	Telecommunications Pathways and Spaces	8	49
	Structured Cabling (J271.I)	Telecommunications Grounding And Bonding	10	7
<b>May 12, 2021</b>				
I.O. #8 _____	Cable splicing	Introduction to Cable splicing	1	
CODE #14 _____	Cable splicing	Materials and tools	2	
	Cable splicing	Cable Preparation	3	
	Cable splicing	5KV Straight Splice	4	
<b>May 26, 2021</b>	Cable splicing	Medium Voltage Insulation		
		15 Kv Straight Splice		
		REVIEW		8
	<b>WEDNESDAY</b>			
<b>June 2, 2021</b>	FINAL TEST	4:30 TO 7:30PM		
	<b>THURSDAY</b>			
<b>June 3, 2021</b>	FINAL TEST	8:00 TO 5:00PM		4
	Section 1	Code Calculation		
Final TEST	Section 2	Computer 200 questions		8
	Section 3	Calculations		
	Section 4	This year material, fiber optics, instrumentation, cable splice, and Photovoltaics		
	Section 5	Motors, transformers and Controls		
			84	2/1/2021

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