

2020-2021 Third Year Schedule

Class #	Date	Subject	Lesson Title
First Semester - Jimmy Lynch			
<u>INSTRUCTOR NOTE - JIMMY LYNCH</u>			
All dates listed for lessons are the date we will review them in class			
Please have all homework for that weeks lessons completed by			
6 PM Sunday prior to the lesson due dates			
August 2020			
1	8/17/2020	Fire Alarm Systems Level I	Introduction to fire alarm systems
	8/17/2020	Fire Alarm Systems Level I	Fundamentals & System Requirements
	8/17/2020	Fire Alarm Systems Level I	Initiating Devices
2	8/19/2020	Fire Alarm Systems Level I	Notification Appliances
	8/19/2020	Fire Alarm Systems Level I	Wiring and Wiring Methods
3	8/24/2020	Fire Alarm Systems Level I	System interfaces & safety control
	8/24/2020	Fire Alarm Systems Level I	Emergency comm system & voice alarm system
	8/24/2020	Fire Alarm Systems Level I	Plans & specifications
	8/24/2020	Fire Alarm Systems Level I	Fire Alarm Systems Level I Review Quiz
4	8/26/2020	Fire Alarm Systems Level I	Fire Alarm Systems Level I Test
5	8/31/2020	Fire Alarm Systems Level II	Advanced detection topics
	8/31/2020	Fire Alarm Systems Level II	Public EM alarm reporting system/supervising
	8/31/2020	Fire Alarm Systems Level II	Single & multiple station alarms/household systems

September 2020			
6	9/2/2020	Fire Alarm Systems Level II	Inspection testing & maintenance
	9/2/2020	Fire Alarm Systems Level II	Fire Alarm Systems II Review Quiz
	9/7/2020		Labor Day
	9/8/2020		Mandatory Meeting @ Union Hall
7	9/9/2020	Fire Alarm Systems Level II	Fire Alarm Systems II Test
8	9/14/2020	Lighting Essentials Level I	Basic Concepts in lighting
	9/14/2020	Lighting Essentials Level I	The Science of Lighting
	9/14/2020	Lighting Essentials Level I	Qualities of Light Sources
9	9/16/2020	Lighting Essentials Level I	Daylighting
	9/16/2020	Lighting Essentials Level I	Lamps
10	9/21/2020	Lighting Essentials Level I	Luminaire
	9/21/2020	Lighting Essentials Level I	Lighting Controls
	9/21/2020	Lighting Essentials Level I	Quantity & Quality of Light
	9/21/2020	Lighting Essentials Level I	Lighting Essentials Level I Review Quiz
11	9/23/2020	Lighting Essentials Level I	Lighting Essentials Level I Test
12	9/28/2020	Lightning Protection Level I	Introduction
	9/28/2020	Lightning Protection Level I	LPS ground work
	9/28/2020	Lightning Protection Level I	Down conductor and bonding
13	9/30/2020	Lightning Protection Level I	Rooftops
	9/30/2020	Lightning Protection Level I	Concealed and structural steel systems

October 2020			
14	10/5/2020	Lightning Protection Level I	Bonding requirements and potential equaliz
	10/5/2020	Lightning Protection Level I	Surge protection devices/ quiz
15	10/7/2020	Lightning Protection Level I	Lightning Protection Test
16	10/12/2020	Electrical Code Calcs Level II	Calculating voltage drop on feeders and branch circuits
	10/12/2020	Electrical Code Calcs Level II	introduction to electrical load calculations
17	10/14/2020	Electrical Code Calcs Level II	range and appliance calculations
	10/14/2020	Electrical Code Calcs Level II	calculating parameters of residential loads
18	10/19/2020	Electrical Code Calcs Level II	calculating parameters of multifamily dwelling loads
	10/19/2020	Electrical Code Calcs Level II	calculating parameters of commercial loads
	10.19.2020	Electrical Code Calcs Level II	Electrical Code calculations Quiz
19	10/21/2020	Electrical Code Calcs Level II	Electrical Code calculations Test
20	10/26/2020	Rigging Hoisting & Signaling	Hoisting safety
	10/26/2020	Rigging Hoisting & Signaling	Cranes

	10/26/2020	Rigging Hoisting & Signaling	Lift planning
	10/26/2020	Rigging Hoisting & Signaling	Signaling
21	10/28/2020	Rigging Hoisting & Signaling	Load Weight & Balance
	10/28/2020	Rigging Hoisting & Signaling	Slings & sling hitches
	10/30/2020	HALLOWEEN BREAK	

November 2020			
22	11/2/2020	Rigging Hoisting & Signaling	Rigging equipment maintenance
	11/2/2020	Rigging Hoisting & Signaling	Rigging hardware
	11/2/2020	Rigging Hoisting & Signaling	Chains & Chain Slings
24	11/4/2020	Rigging Hoisting & Signaling	Synthetic Slings
	11/4/2020	Rigging Hoisting & Signaling	Wire Rope & Wire Rope Slings
25	11/9/2020	Rigging Hoisting & Signaling	Fiber Ropes & Knots
	11/9/2020	Rigging Hoisting & Signaling	Block & Tackle
	11/9/2020	Rigging Hoisting & Signaling	Hoists
	11/9/2020	Rigging Hoisting & Signaling	Rigging Hoisting & Signaling Review Quiz
26	11/11/2020	Rigging Hoisting & Signaling	Rigging Hoisting & Signaling Review Test
27	11/16/2020	Hazardous Locations Level I	Hazardous classified location concepts
	11/16/2020	Hazardous Locations Level I	Article 500 understanding class 1,2,3 locations
	11/16/2020	Hazardous Locations Level I	Requirements for class 1 installations
28	11/18/2020	Hazardous Locations Level I	Requirements for class 2 installations
	11/18/2020	Hazardous Locations Level I	Requirements for class 3 installations
29	11/23/2020	Hazardous Locations Level I	Article 505 Zone 0,1,2 locations
	11/23/2020	Hazardous Locations Level I	Article 506 Zone 20,21,22 Combustible dust / fibers
	11/23/2020	Hazardous Locations Level I	Specific Locations Article 511 through 516
	11/25/2020	THANKSGIVING BREAK	
30	11/30/2020	Hazardous Locations Level I	Hazardous Locations Level I Applications
	11/30/2020	Hazardous Locations Level I	Hazardous Locations Level I Quiz

December 2020			
31	12/2/2020	Hazardous Locations Level I	Hazardous Locations Level I Test
32	12/7/2020	Preparing for Leadership	The contracting business
	12/7/2020	Preparing for Leadership	Personal Qualities: Professionalism & Respect
	12/7/2020	Preparing for Leadership	Personal Qualities: Credibility & Character
33	12/9/2020	Preparing for Leadership	Personal Qualities: Ethics & Integrity
	12/9/2020	Preparing for Leadership	Personal Qualities: Teaching & Learning
34	12/14/2020	Preparing for Leadership	Planning: the importance of planning
	12/14/2020	Preparing for Leadership	Planning: planning challenges
	12/14/2020	Preparing for Leadership	Communications: Effective Communication
35	12/16/2020	Preparing for Leadership	Communications: Crew support & Morale
	12/16/2020	Preparing for Leadership	Communications: Disruptive Behaviors
	12/16/2020	Preparing for Leadership	Communications: Addressing Conflict
	12/25 - 1/3	WINTER BREAK	

January 2021			
36	1/4/2021	Preparing for Leadership	Preparing for Leadership Test
37	1/6/2020	healthcare facilities system I	Introduction
	1/6/2020	healthcare facilities system I	Utility Power
	1/6/2020	healthcare facilities system I	Distribution
	1/6/2020	healthcare facilities system I	Patient care Spaces
	1/6/2020	healthcare facilities system I	Health care facility systems test (Open Book)

Second Semester - Josh DeSpain

INSTRUCTOR NOTE - JOSH DESPAIN

**All dates listed for lessons are the date we will review them in class
Please have all homework completed by the date and time specified**

January 2021

38	1/12/2021	Instrumentation Introduction, Module 1	1,2
39	1/14/2021	Instrumentation Introduction, Module 1	3,4
	1/17/2021	Homework due 3:00 pm	
40	1/19/2021	Instrumentation Introduction, Module 1	5,6
41	1/21/2021	Instrumentation Introduction, Module 1	7,8
	1/24/2021	Homework due 3:00 pm	
42	1/26/2021	Instrumentation Introduction, Module 1	9,10
43	1/28/2021	Instrumentation Introduction, Module 1	11,12
	1/31/2021	Homework due 3:00 pm	

February 2021

44	2/2/2021	Instrumentation Introduction Module 1 TEST	
45	2/4/2021	Instrumentation Introduction, Module 2	1,2
	2/7/2021	Homework due 3:00 pm	
46	2/9/2021	Instrumentation Introduction, Module 2	3,4
47	2/11/2021	Instrumentation Introduction, Module 2	5,6
	2/14/2021	Homework due 3:00 pm	
48	2/16/2021	Instrumentation Introduction, Module 2	7,8
49	2/18/2021	Instrumentation Introduction, Module 2	9,10
	2/21/2021	Homework due 3:00 pm	
50	2/23/2021	Instrumentation Introduction, Module 2	11
51	2/25/2021	Instrumentation Introduction Module 2 TEST	

March 2021

52	3/2/2021	Instrumentation Introduction, Module 3	1,2,3
53	3/4/2021	Instrumentation Introduction, Module 3	4,5
	3/7/2021	Homework due 3:00 pm	
54	3/9/2021	Instrumentation Introduction Module 3 TEST	
55	3/11/2021	Motors, Level 1	1,2
	3/14/2021	Homework due 3:00 pm	
56	3/16/2021	Motors, Level 1	3,4,5
57	3/18/2021	Motors Level 1 TEST	
	3/21/2021	Homework due 3:00 pm	
58	3/23/2021	Motors, Level 2	1,2
59	3/25/2021	Motors, Level 2	3,4
	3/28/2021	Homework due 3:00 pm	
60	3/30/2021	Motors, Level 2	5,6

April 2021

61	4/1/2021	Motors, Level 2	7,8
	4/4/2021	Homework due 3:00 pm	
62	4/6/2021	Motors, Level 2	9
63	4/8/2021	Motors Level 2 TEST	
	4/11/2021	Homework due 3:00 pm	
64	4/13/2021	Test Instruments, Level 1	1,2
65	4/15/2021	Test Instruments, Level 1	3,4
	4/18/2021	Homework due 3:00 pm	
66	4/20/2021	Test Instruments, Level 1	5,6
67	4/22/2021	Test Instruments Level 1 TEST	
	4/25/2021	Homework due 3:00 pm	
68	4/27/2021	Transformers, Level 2	1,2
69	4/29/2021	Transformers, Level 2	3

May 2021

	5/2/2021	Homework due 3:00 pm	
70	5/4/2021	Transformers, Level 2	4
71	5/6/2021	Transformers, Level 2	5
	5/9/2021	Homework due 3:00 pm	
72	5/11/2021	Transformers Level 2 TEST	
73	5/13/2021	Healthcare Facilities Electrical Systems, Level 2	1,2
	5/16/2021	Homework due 3:00 pm	
74	5/18/2021	Healthcare Facilities Electrical Systems, Level 2	3
	5/19/2021	Homework due 7:00 pm	
75	5/20/2021	Healthcare Facilities Electrical Systems Level 2 TEST	
	5/25/2021	BBQ POTLUCK	
	6/2/2021	MANDATORY MEETING - UNION HALL, LAST CLASS	