

Subject	Start Date	Lesson Title	Notes
AC Theory Level III	8/19/2019	Power Factor	In Class
AC Theory Level III	8/19/2019	Power Factor Correction	In Class
AC Theory Level III	8/21/2019	General Use Test Instruments	
AC Theory Level III	8/21/2019	Introduction to Generators	
AC Theory Level III	8/21/2019	Understanding How the DC Generator Works	
AC Theory Level III	8/26/2019	Understanding the design & function of AC generators	
AC Theory Level III	8/26/2019	An Introduction to 3-Phase Systems	
AC Theory Level III	8/26/2019	AC Theory Review Quiz	In Class
AC Theory Level III	8/28/2019	AC Theory III Test	
	9/2/2019	Labor day no school	Holiday
	9/3/2019	Mandatory Union meeting at the Hall	
Code & Practices 3 Level I	9/4/2019	Purpose of Overcurrent Protection & Types	
Code & Practices 3 Level I	9/4/2019	OCPD Categories	
Code & Practices 3 Level I	9/4/2019	OCPD Ratings	
Code & Practices 3 Level I	9/9/2019	Types of OCPD's - Circuit Breakers	
Code & Practices 3 Level I	9/9/2019	Types of OCPD's - Fuses	
Code & Practices 3 Level I	9/9/2019	Practical Guidelines for OCPD ampacity sizing	
Code & Practices 3 Level I	9/11/2019	Conductor Tap Rule	
Code & Practices 3 Level I	9/11/2019	Calculations of fault current	
Code & Practices 3 Level I	9/16/2019	Ground Fault protection of equipment	
Code & Practices 3 Level I	9/16/2019	Code & Practices 3 Review Quiz	In Class
Code & Practices 3 Level I	9/18/2019	Code & Practices 3 Test	
Fire Alarm Systems Level I	9/23/2019	Introduction to fire alarm systems	
Fire Alarm Systems Level I	9/23/2019	Fundamentals & System Requirements	
Fire Alarm Systems Level I	9/23/2019	Initiating Devices	
Fire Alarm Systems Level I	9/25/2019	Notification Appliances	
Fire Alarm Systems Level I	9/25/2019	Wiring and Wiring Methods	
Fire Alarm Systems Level I	9/25/2019	System interfaces & Safety control	
Fire Alarm Systems Level I	9/30/2019	Emergency comm system & voice alarm system	
Fire Alarm Systems Level I	9/30/2019	Plans & Specifications	
Fire Alarm Systems Level I	9/30/2019	Fire Alarm Systems Level I Review Quiz	In Class
Fire Alarm Systems Level I	10/2/2019	Fire Alarm Systems Level I Test	
Fire Alarm Systems Level II	10/7/2019	Advanced detection topics	
Fire Alarm Systems Level II	10/7/2019	Public EM alarm reporting system/supervising	
Fire Alarm Systems Level II	10/7/2019	Single & multiple station alarms/household systems	
Fire Alarm Systems Level II	10/9/2019	Inspection testing & maintenance	
Fire Alarm Systems Level II	10/9/2019	Fire Alarm Systems II Review Quiz	In Class
Fire Alarm Systems Level II	10/14/2019	Fire Alarm Systems II Test	
Grounding & Bonding Level I	10/16/2019	Introduction	In Class
Grounding & Bonding Level I	10/16/2019	Circuit basics and overcurrent protection	In Class
Grounding & Bonding Level I	10/16/2019	Code arrangement and application	In Class
Grounding & Bonding Level I	10/21/2019	Grounding electrodes and grounding system	

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Grounding & Bonding Level I	10/21/2019	Requirements for services and grounding cond	
Grounding & Bonding Level I	10/21/2019	Grounding electrode conductors	
Grounding & Bonding Level I	10/21/2019	Bonding requirements	In Class
Grounding & Bonding Level I	10/23/2019	Equip grounding conductors EGC	
Grounding & Bonding Level I	10/23/2019	Grounding electrical equipment	
Grounding & Bonding Level I	10/23/2019	Isolated/ insulated grounding circuits	
Grounding & Bonding Level I	10/23/2019	Grounding and Bonding Level I Quiz	In Class
Grounding & Bonding Level I	10/28/2019	Grounding and Bonding level I Test	
	10/30/2019	Halloween	No class
Grounding & Bonding Level II	11/4/2019	Grounding at separate buildings or structures	
Grounding & Bonding Level II	11/4/2019	Grounding electrical systems	
Grounding & Bonding Level II	11/4/2019	Grounding requirements for Separately derived sys	
Grounding & Bonding Level II	11/6/2019	Special Occupancies & Conditions	
Grounding & Bonding Level II	11/6/2019	Grounding Special Equipment	
Grounding & Bonding Level II	11/6/2019	Grounding & Bonding for Comm Systems & Equipment	
Grounding & Bonding Level II	11/11/2019	GFCI & GFPE	
Grounding & Bonding Level II	11/11/2019	Grounding Rules for Medium & High Voltage Systems	
Grounding & Bonding Level II	11/11/2019	Grounding Systems & Earth Ground Test Instruments	
Grounding & Bonding Level II	11/11/2019	Grounding and Bonding Level II Quiz	In Class
Grounding & Bonding Level II	11/13/2019	Grounding and Bonding level II Test	
Hazardous Locations Level 1	11/18/2019	Hazardous classified location concepts	
Hazardous Locations Level 1	11/18/2019	Article 500 understanding class 1,2,3 locations	
Hazardous Locations Level 1	11/18/2019	Requirements for class 1 installations	
Hazardous Locations Level 1	11/20/2019	Requirements for class 2 installations	
Hazardous Locations Level 1	11/20/2019	Requirements for class 3 installations	
Hazardous Locations Level 1	11/20/2019	Article 505	
11/25 to 11/29/2019		Thanksgiving break	No school
Hazardous Locations Level 1	12/2/2019	Article 506	
Hazardous Locations Level 1	12/2/2019	Specific locations article 511 thru 516	
Hazardous Locations Level 1	12/2/2019	Hazardous Location applications	
Hazardous Locations Level 1	12/4/2019	Hazardous Location Test	
Healthcare Facility Systems	12/9/2019	Introduction	
Healthcare Facility Systems	12/9/2019	Utility Power	
Healthcare Facility Systems	12/9/2019	Distribution	
Healthcare Facility Systems	12/11/2019	Patient Care Spaces	
Healthcare Facility Systems	12/11/2019	Healthcare Systems Test	
12/16/2019 to 1/5/2019		Winter Break	No school
Lighting Essentials Level I	1/6/2020	Basic Concepts in lighting	
Lighting Essentials Level I	1/6/2020	The Science of Lighting	
Lighting Essentials Level I	1/6/2020	Qualities of Light Sources	
Lighting Essentials Level I	1/8/2020	Daylighting	

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Lighting Essentials Level I	1/8/2020	Lamps	
Lighting Essentials Level I	1/13/2020	Luminaire	
Lighting Essentials Level I	1/13/2020	Lighting Controls	
Lighting Essentials Level I	1/13/2020	Quantity & Quality of Light	
Lighting Essentials Level I	1/13/2020	Lighting Essentials Level I Review Quiz	In Class
Lighting Essentials Level I	1/15/2020	Lighting Essentials Level I Test	
Lighting Essentials Level II	1/20/2020	Basic lighting retrofit	
Lighting Essentials Level II	1/20/2020	Understanding fluorescent & HID terminology	
Lighting Essentials Level II	1/20/2020	ABCs of electronic fluorescent ballasts	
Lighting Essentials Level II	1/22/2020	ABCs of HID ballasts I	
Lighting Essentials Level II	1/22/2020	ABCs of HID ballasts II	
Lighting Essentials Level II	1/27/2020	Intro to LED lighting and technology	
Lighting Essentials Level II	1/27/2020	LED lighting in detail	
Lighting Essentials Level II	1/27/2020	LED lighting application/Quiz	In Class
Lighting Essentials Level II	1/29/2020	Lighting Essentials 2 test	
Lightning Protection Level I	2/3/2020	Introduction	
Lightning Protection Level I	2/3/2020	LPS ground work	
Lightning Protection Level I	2/3/2020	Down conductor and bonding	
Lightning Protection Level I	2/5/2020	Rooftops	
Lightning Protection Level I	2/5/2020	Concealed and structural steel systems	
Lightning Protection Level I	2/5/2020	Bonding requirements and potential equaliz	
Lightning Protection Level I	2/5/2020	Surge protection devices/ quiz	In Class
Lightning Protection Level I	2/10/2020	Lightning Protection Test	
Preparing for Leadership	2/12/2020	The contracting business	
Preparing for Leadership	2/12/2020	Personal Qualities: Professionalism & Respect	
Preparing for Leadership	2/12/2020	Personal Qualities: Credibility & Character	
Preparing for Leadership	2/17/2020	Personal Qualities: Ethics & Integrity	
Preparing for Leadership	2/17/2020	Personal Qualities: Teaching & Learning	
Preparing for Leadership	2/17/2020	Planning: the importance of planning	
Preparing for Leadership	2/19/2020	Planning: planning challenges	
Preparing for Leadership	2/19/2020	Communications: Effective Communication	
Preparing for Leadership	2/24/2020	Communications: Crew support & Morale	
Preparing for Leadership	2/24/2020	Communications: Disruptive Behaviors	
Preparing for Leadership	2/24/2020	Communications: Addressing Conflict	
Preparing for Leadership	2/26/2020	Preparing for Leadership Test	
Rigging Hoisting & Signaling	3/2/2020	Hoisting safety	
Rigging Hoisting & Signaling	3/2/2020	Cranes	
Rigging Hoisting & Signaling	3/2/2020	Lift planning	
Rigging Hoisting & Signaling	3/4/2020	Signaling	
Rigging Hoisting & Signaling	3/4/2020	Load Weight & Balance	In class lab
Rigging Hoisting & Signaling	3/9/2020	Slings & sling hitches	

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Rigging Hoisting & Signaling	3/9/2020	Rigging equipment maintenance	
Rigging Hoisting & Signaling	3/9/2020	Rigging hardware	
Rigging Hoisting & Signaling	3/11/2020	Chains & Chain Slings	
Rigging Hoisting & Signaling	3/11/2020	Synthetic Slings	
Rigging Hoisting & Signaling	3/11/2020	Wire Rope & Wire Rope Slings	
Rigging Hoisting & Signaling	3/16/2020	Fiber Ropes & Knots	In class lab
Rigging Hoisting & Signaling	3/16/2020	Block & Tackle	
Rigging Hoisting & Signaling	3/16/2020	Hoists	
Rigging Hoisting & Signaling	3/28/2020	Rigging, Hoisting & Signaling Review Quiz	
Rigging Hoisting & Signaling	3/23/2020	crane operation practical	Sturgeon yard
Rigging Hoisting & Signaling	3/25/2020	crane operation practical	Sturgeon yard
Rigging Hoisting & Signaling	3/30/2020	crane operation practical	Sturgeon yard
Rigging Hoisting & Signaling	4/1/2020	Rigging, Hoisting & Signaling Test	
Survey and Grade stakes	4/6/2020	units of measure	
Survey and Grade stakes	4/6/2020	common terms and symbols	
Survey and Grade stakes	4/6/2020	layout and use of grade stakes	
Survey and Grade stakes	4/6/2020	practical read surveyed site	
3rd year Jeaporady	4/8/2020	Jeopardy game with class	
Last day of school	4/13/2020	at the Hall	