

Subject	Start Date	Lesson Title
AC Theory Level III	8/20/2018	Power Factor
AC Theory Level III	8/20/2018	Power Factor Correction
AC Theory Level III	8/20/2018	General Use Test Instruments
AC Theory Level III	8/22/2018	Introduction to Generators
AC Theory Level III	8/22/2018	Understanding How the DC Generator Works
AC Theory Level III	8/22/2018	Understanding the design & function of AC generators
AC Theory Level III	8/27/2018	An Introduction to 3-Phase Systems
AC Theory Level III	8/27/2018	AC Theory Review Quiz
AC Theory Level III	8/29/2018	AC Theory Level III Test
Holiday	9/3/2018	Labor Day - Holiday
Union Meeting	9/4/2018	Mandatory Union Meeting
Code & Practices 3 Level I	9/5/2018	Purpose of Overcurrent Protection & Types
Code & Practices 3 Level I	9/5/2018	OCPD Categories
Code & Practices 3 Level I	9/5/2018	OCPD Ratings
Code & Practices 3 Level I	9/10/2018	Types of OCPD's - Circuit Breakers
Code & Practices 3 Level I	9/10/2018	Types of OCPD's - Fuses
Code & Practices 3 Level I	9/10/2018	Practical Guidelines for OCPD ampacity sizing
Code & Practices 3 Level I	9/12/2018	Conductor Tap Rule
Code & Practices 3 Level I	9/12/2018	Calculations of fault current
Code & Practices 3 Level I	9/12/2018	Ground Fault protection of equipment
Code & Practices 3 Level I	9/17/2018	Code & Practices 3 Review Quiz
Code & Practices 3 Level I	9/19/2018	Code & Practices 3 Level I Test
Fire Alarm Systems Level I	9/24/2018	Intorduction to fire alarm systems
Fire Alarm Systems Level I	9/24/2018	Fundamentals & System Requirements
Fire Alarm Systems Level I	9/24/2018	Initiating Devices
Fire Alarm Systems Level I	9/26/2018	Notification Appliances
Fire Alarm Systems Level I	9/26/2018	Wiring and Wiring Methods
Fire Alarm Systems Level I	9/26/2018	System interfaces & safety control
Fire Alarm Systems Level I	10/1/2018	Emergency comm system & voice alarm system
Fire Alarm Systems Level I	10/1/2018	Plans & specifications
Fire Alarm Systems Level I	10/1/2018	Fire Alarm Systems Level I Review Quiz
Fire Alarm Systems Level I	10/3/2018	Fire Alarm Systems Level I Test
Fire Alarm Systems Level II	10/8/2018	Advanced detection topics
Fire Alarm Systems Level II	10/8/2018	Public EM alarm reporting system/supervising
Fire Alarm Systems Level II	10/8/2018	Single & multiple station alarms/household systems
Fire Alarm Systems Level II	10/10/2018	Inspection testing & maintenance
Fire Alarm Systems Level II	10/10/2018	Fire Alarm Systems II Review Quiz
Fire Alarm Systems Level II	10/15/2018	Fire Alarm Systems Level II Test

Grounding & Bonding Level I	10/17/2018	Introduction
Grounding & Bonding Level I	10/17/2018	Circuit basics and overcurrent protection
Grounding & Bonding Level I	10/17/2018	Code arrangement and application
Grounding & Bonding Level I	10/17/2018	Grounding electrodes and grounding system
Grounding & Bonding Level I	10/22/2018	Requirements for services and grounding cond
Grounding & Bonding Level I	10/22/2018	Grounding electrode conductors
Grounding & Bonding Level I	10/22/2018	Bonding requirements
Grounding & Bonding Level I	10/22/2018	Equip grounding conductors EGC
Grounding & Bonding Level I	10/24/2018	Grounding electrical equipment
Grounding & Bonding Level I	10/24/2018	Isolated/ insulated grounding circuits
Grounding & Bonding Level I	10/24/2018	Grounding and Bonding Level I Quiz
Grounding & Bonding Level I	10/29/2018	Grounding and Bonding Level I Test
Halloween	10/31/2018	No School
Grounding & Bonding Level II	11/5/2018	Grounding at separate buildings or structures
Grounding & Bonding Level II	11/5/2018	Grounding electrical systems
Grounding & Bonding Level II	11/5/2018	Grounding requirements for Separately derived sys
Grounding & Bonding Level II	11/7/2018	Special Occupancies & Conditions
Grounding & Bonding Level II	11/7/2018	Grounding Special Equipment
Grounding & Bonding Level II	11/7/2018	Grounding & Bonding for Comm Systems & Equipment
Grounding & Bonding Level II	11/12/2018	GFCI & GFPE
Grounding & Bonding Level II	11/12/2018	Grounding Rules for Medium & High Voltage Systems
Grounding & Bonding Level II	11/12/2018	Grounding Systems & Earth Ground Test Instruments
Grounding & Bonding Level II	11/12/2018	Grounding and Bonding Level II Quiz
Grounding & Bonding Level II	11/14/2018	Grounding and Bonding Level II Test
Thanksgiving	11/19 - 11/23	No School
Hazardous Locations Level 1	11/26/2018	Hazardous classified location concepts
Hazardous Locations Level 1	11/26/2018	Article 500 understanding class 1,2,3 locations
Hazardous Locations Level 1	11/26/2018	Requirements for class 1 installations
Hazardous Locations Level 1	11/28/2018	Requirements for class 2 installations
Hazardous Locations Level 1	11/28/2018	Requirements for class 3 installations
Hazardous Locations Level 1	11/28/2018	Article 505
Hazardous Locations Level 1	12/3/2018	Article 506
Hazardous Locations Level 1	12/3/2018	Specific locations article 511 thru 516
Hazardous Locations Level 1	12/3/2018	Hazardous Location applications
Hazardous Locations Level 1	12/5/2018	Hazardous Locations Level I Test
Healthcare Facility Systems	12/10/2018	Introduction
Healthcare Facility Systems	12/10/2018	Utility Power
Healthcare Facility Systems	12/10/2018	Distribution
Healthcare Facility Systems	12/10/2018	Patient Care Spaces
Healthcare Facility Systems	12/12/2018	Healthcare Facility Systems Test
Winter Break	12/17 -1/4	No School

Lighting Essentials Level I	1/7/2019	Basic Concepts in lighting
Lighting Essentials Level I	1/7/2019	The Science of Lighting
Lighting Essentials Level I	1/7/2019	Qualities of Light Sources
Lighting Essentials Level I	1/9/2019	Daylighting
Lighting Essentials Level I	1/9/2019	Lamps
Lighting Essentials Level I	1/9/2019	Luminaire
Lighting Essentials Level I	1/14/2019	Lighting Controls
Lighting Essentials Level I	1/14/2019	Quantity & Quality of Light
Lighting Essentials Level I	1/14/2019	Lighting Essentials Level I Review Quiz
Lighting Essentials Level I	1/16/2019	Lighting Essentials Level I Test
Lighting Essentials Level II	1/21/2019	Basic lighting retrofit
Lighting Essentials Level II	1/21/2019	Understanding fluorescent & HID terminology
Lighting Essentials Level II	1/21/2019	ABCs of electronic fluorescent ballasts
Lighting Essentials Level II	1/23/2019	ABCs of HID ballasts I
Lighting Essentials Level II	1/23/2019	ABCs of HID ballasts II
Lighting Essentials Level II	1/23/2019	Intro to LED lighting and technology
Lighting Essentials Level II	1/28/2019	LED lighting in detail
Lighting Essentials Level II	1/28/2019	LED lighting application/Quiz
Lighting Essentials Level II	1/30/2019	Lighting Essentials Level II Test
Lightning Protection Level I	2/4/2019	Introduction
Lightning Protection Level I	2/4/2019	LPS ground work
Lightning Protection Level I	2/4/2019	Down conductor and bonding
Lightning Protection Level I	2/6/2019	Rooftops
Lightning Protection Level I	2/6/2019	Concealed and structural steel systems
Lightning Protection Level I	2/6/2019	Bonding requirements and potential equalizer
Lightning Protection Level I	2/11/2019	Surge protection devices/ quiz
Lightning Protection Level I	2/11/2019	Lightning Protection Level I Test
Preparing for Leadership	2/13/2019	The contracting business
Preparing for Leadership	2/13/2019	Personal Qualities: Professionalism & Respect
Preparing for Leadership	2/13/2019	Personal Qualities: Credibility & Character
Preparing for Leadership	2/18/2019	Personal Qualities: Ethics & Integrity
Preparing for Leadership	2/18/2019	Personal Qualities: Teaching & Learning
Preparing for Leadership	2/18/2019	Planning: the importance of planning
Preparing for Leadership	2/20/2019	Planning: planning challenges
Preparing for Leadership	2/20/2019	Communications: Effective Communication
Preparing for Leadership	2/20/2019	Communications: Crew support & Morale
Preparing for Leadership	2/25/2019	Communications: Disruptive Behaviors
Preparing for Leadership	2/25/2019	Communications: Addressing Conflict
Preparing for Leadership	2/27/2019	Preparing for Leadership Test

Rigging Hoisting & Signaling	3/4/2019	Hoisting safety
Rigging Hoisting & Signaling	3/4/2019	Cranes
Rigging Hoisting & Signaling	3/6/2019	Lift planning
Rigging Hoisting & Signaling	3/6/2019	Signaling
Rigging Hoisting & Signaling	3/6/2019	Load Weight & Balance
Rigging Hoisting & Signaling	3/11/2019	Slings & sling hitches
Rigging Hoisting & Signaling	3/11/2019	Rigging equipment maintenance
Rigging Hoisting & Signaling	3/11/2019	Rigging hardware
Rigging Hoisting & Signaling	3/13/2019	Chains & Chain Slings
Rigging Hoisting & Signaling	3/13/2019	Synthetic Slings
Rigging Hoisting & Signaling	3/13/2019	Wire Rope & Wire Rope Slings
Rigging Hoisting & Signaling	3/18/2019	Fiber Ropes & Knots
Rigging Hoisting & Signaling	3/18/2019	Block & Tackle
Rigging Hoisting & Signaling	3/18/2019	Hoists
Rigging Hoisting & Signaling	3/20/2019	Rigging, Hoisting & Signaling Review Quiz
Rigging Hoisting & Signaling	3/25/2019	Crane operation practical
Rigging Hoisting & Signaling	3/27/2019	Rigging, Hoisting & Signaling Test
Survey and Grade stakes	4/1/2019	units of measure
Survey and Grade stakes	4/1/2019	common terms and symbols
Survey and Grade stakes	4/3/2019	layout and use of grade stakes
Survey and Grade stakes	4/3/2019	practical read surveyed site
Labs	4/8/2019	TBD
labs	4/8/2019	TBD
Labs	4/10/2019	TBD
Labs	4/10/2019	TBD
Labs	4/15/2019	TBD
Last Class	4/17/2018	IBEW Meeting Hall - Mandatory
Installer Tech/Nurse Call Systems		Nurse Call Fundamentals
Installer Tech/Nurse Call Systems		Nurse Call System Components
Installer Tech/Nurse Call Systems		Ancillary Systems
Installer Tech/Nurse Call Systems		Nurse Call System Design & Planning
Installer Tech/Nurse Call Systems		Nurse Call System Installation & Troubleshooting
Installer Tech/Nurse Call Systems		Future Expansion Considerations
Installer Tech/Nurse Call Systems		Nurse Call Review Quiz
Installer Tech/Nurse Call Systems		Nurse Call Test