

1st Year Lesson Plan School Year 2025 - 2026

Ses.	Dates	Test	Instruc.	Sub.	Lesson # / Lesson Description
1	9/8 - 9/11	No Test			LMS Registration , How-to's of LMS/CML Rules & Pol. Review, JW Evals and Work Reports An Introduction to the COMET Program
				Comet	
				HOMEWORK	Harassment Prevention - CML
2	9/22 - 9/25	No Test	A A	Cons. Your Future Cons. Your Future Cons. Your Future	1. What to Expect 2. Opportunities Abound 3. Personal Resp. & Expectations
			M M	Intro. To Appren. Intro. To Appren. Intro. To Appren.	1. Welcome to the Beginning of Your Elect. Career 2. Preparing for your Apprenticeship 3. The Economics of Working in Construction
			J J	IBEW Orientation IBEW Orientation	1. Becoming Familiar with the IBEW Constitution 2. Understanding Your Local Union By-Laws
			M J	Lab	Milwaukee
3	10/6 - 10/9	Test #1 A.A.	A A	Cons. Your Future Cons. Your Future	4. Safety Never Takes a Break 5. What it Takes to Succeed
			M M	Intro. To Appren. Intro. To Appren.	4. The Organized Electrical Industry 5. Reaping the Rewards of the IBEW/NECA Partn.
			J J	IBEW Orientation IBEW Orientation	3. Parliamentary Procedure and How it Works 4. An Introduction to the Comet Program
			M J	Lab	Applications Manual Chapter 1, 2, 3
4	10/20 - 10/23	Test #2 J.J.	A A	Elect. Job Info 1	1. Safety and Awareness in the Workplace
			M M	OSHA 10 OSHA 10 OSHA 10	1. OSHA Policies and Procedures 2. Record Keeping Basics, Inspections, Penalties, Citations 3. General Safety and Health Provisions (Subpart C)
			J J	Conduit Sys. Fab. 1 Conduit Sys. Fab. 1	1. Raceways and Conduit Systems 2. Cutting and Threading Conduit
			M J	Lab	Conduit Threading
5	11/3- 11/6	TEST #3 M.M.	A A	Elect. Job Info 1 Elect. Job Info 1	2. Identifying Basic Tools and Materials 3. Basics of Insulated Conductors
			M M	OSHA 10	5. Fall Protection (Subpart M)
			J J	Conduit Sys. Fab. 1 Conduit Sys. Fab. 1	3. Hand Bending 90 Degree Bends 4. Hand Bending Offsets and Kicks
			M J	Lab	Hole Cutting, Drilling and Knockout Tool Use

Ses.	Dates	Test	Period	Sub.	Lesson # / Lesson Description
6	11/17- 11/20	TEST #4 M.J.	A A	Elect. Job Info 1	4. Choosing and Installing Anchors and Fasteners
				Elect. Job Info 1	5. Types of Building Construction
			M M	OSHA 10	4. Value of Safety and Health
				OSHA 10	6. Electrical Safety (Subpart K)
			J J	Conduit Sys. Fab. 1	5. Hand Bending Saddles and Corner Offsets
			Conduit Sys. Fab. 1	6. Underground Conduit Installation	
			M J	Lab	TESTING *** BRING GLOVES AND SAFETY GLASSES ***
7	12/8- 12/11	TEST #5 A.A.	A A	Elect. Job Info 1	6. Conductor Installation
			M M	OSHA 10	7. General Construction Hazards
				OSHA 10	8. Personal Protection and Life Saving Equipment
			J J	Conduit Sys. Fab. 2	1. Mechanical and Electric Benders
				Conduit Sys. Fab. 2	2. Hydraulic Benders
			M J	Lab	Conduit Bending 90's, Back-to-back, kicks
8	1/5 - 1/8	Test #6 J.J.	A A	Elect. Job Info 1	7. Devices and Switches
				Elect. Job Info 1	8. Intro to Firestopping
			M M	OSHA 10	9. Health Hazards in Construction (Subpart D)
				OSHA 10	10. Materials Handling, Storage, Use, & Disposal
			J J	Conduit Sys. Fab. 2	3. Advanced Bending Techniques
			M J	Lab	Conduit Bending (continued)
9	1/20 - 1/22	Test #7 M.M.	A A	Elect. Job Info 1	9. Sizing Building Wire
				Elect. Job Info 1	10. Topic Review
			M M	OSHA 10	11. Tools, Hand and Power (Subpart I)
				OSHA 10	12. Scaffolds, (Subpart L)
			J J	C. S. & P. 1 - 2023	1. Introduction to the NEC
			M J	Lab	Knot Tying
10	2/2 - 2/5	Test #8 M.J.	A A		MENTEE TRAINING
					MENTEE TRAINING
			M M	OSHA 10	13. Cranes, Derricks, Hoists, Elevator, & Coveyers
				OSHA 10	14. Excavations (Subpart P)
			J J	C. S. & P. 1 - 2023	2. Interpreting Language of the NEC
			M J	Lab	TESTING

Ses.	Dates	Test	Period	Sub.	Lesson # / Lesson Description
11	2/16 - 2/19	Test #9 A.A.	A A	Elect. Theory 1-DC	1. Intro to DC Theory: Terminology and the Basics
			M M	OSHA 10 OSHA 10	15. Strairways and Ladders (Subpart X) Overall Review
			J J	C. S. & P. 1 - 2023	3. Understanding and Applying Article 110
			M J	Lab	Skills USA 3 & 4-way switches
12	3/2 - 3/5	Test #10 J.J.	A A	Elect. Theory 1-DC	2. Series Circuits
			M M	Elect. Safety W P	1. Electrical Safety Culture
			J J	Applied Codeo. '23 Applied Codeo. '23	1. Overview, Organization and Chapter 1 2. Planning the Installation
			M J	Lab	Skills USA
13	3/16 - 3/19	Test #11 M.M.	A A	Elect. Theory 1-DC	2. Series Circuits
			M M	Elect. Safety W P	2. Electrical Hazard Awareness
			J J	Applied Codeo. '23 Applied Codeo. '23	3. Building the Installation 4. Using the Electricity
			M J	Lab	DC Theory Lab (Blue Boxes)
14	3/30 - 4/2	Test #12 M.J.	A A	Elect. Theory 1-DC Elect. Theory 1-DC	2. Series Circuits 3. Parallel Circuits
			M M	Elect. Safety W P	3. Intro to OSHA and Control of Hazardous Energy
			J J	Applied Codeo. '23 Applied Codeo. '23	5. Special Occupancies 6. Special Equipment
			M J	Lab	DC Theory Lab - series circuits
15	4/13 - 4/16	Test #13 A.A.	A A	Elect. Theory 1-DC	3. Parallel Circuits
			M M	Elect. Safety W P	4. Intro to NFPA 70E
			J J	Applied Codeo. '23 Applied Codeo. '23	7. Special Conditions 8. Communications
			M J	Lab	DC Theory Lab - parallel circuits

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16	4/27 - 4/30	Test #14 J.J.	A A	Elect. Theory 1-DC	3. Parallel Circuits
			M M	Elect. Safety W P	5. Work Involving Electrical Hazards
			J J	Applied Codeo. '23	9. Tables and Info Annexes 10. The Codeology Method
			M J	Lab	11. Post Course Assessment ***** Conduit Bending
17	5/11 - 5/14	Test #15 M.M.	A A	Elect. Theory 1-DC	4. Combination Circuits
			M M	Elect. Safety W P	6. Fault Current Fundamentals
			J J	C. S. & P. 2 - 2023	1. An Intro to Branch Circuits 2. Feeders and Outside Branch Circuits
			M J	Lab	DC Theory Lab - combo circuits
18	5/26 - 5/28	Test #16 M.J.	A A	Elect. Theory 1-DC	4. Combination Circuits
			M M	Elect. Safety W P	7. Identifying Overcurrent Protective Device Types
			J J	C. S. & P. 2 - 2023	3. Services
			M J	Lab	TESTING
19	6/8 - 6/11	Test #17 A.A.	A A	Elect. Theory 1-DC	4. Combination Circuits
			M M	Elect. Safety W P	8. Methods to Select Arc Flash PPE
			J J	C. S. & P. 2 - 2023	4. Conduit Raceway Basics 5. NEC Requirements for Cable Assemblies
			M J	Lab	Skills Wall
20	6/22 - 6/25	Test #18 J.J.	A A	Elect. Theory 1-DC	5. DC Circuit Analysis
			M M	Elect. Safety W P	9. Maintenance Considerations
			J J	C. S. & P. 2 - 2023	6. General Requirements for Wiring Methods 7. Conductors for General Wiring
			M J	Lab	DC Theory Lab & Neutral 3-Wire Systems

Monday's class split
for Memorial Day

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21	7/6- 7/9	Test #19 M.M.	A A	Elect. Theory 1-DC	5. DC Circuit Analysis
			M M	Elect. Safety W P	10. Eliminating or Reducing Hazards
			J J	Test Instruments Test Instruments	1. VDV Test Instruments 2. Power Quality Test Instruments
			M J	Lab	Test Instruments #1 - CAT 5 / Testing
22	7/20 - 7/23	Test #20 M.J.	A A	Elect. Theory 1-DC	6. Switches and Conductors
			M M	Const. Drawings Const. Drawings	1. Intro to Blueprints and the Design Process 2. Scaling and Dimensions
			J J	Test Instruments Test Instruments	3. Medium (and High) Voltage & Insul. Test Instrum. 4. Instrumentation and Process Control
			M J	Lab	TESTING
23	8/10 - 8/13	Test #21 A.A.	A A	Elect. Theory 1-DC Elect. Theory 1-DC	7. Magnetism and Electromagnetism 10. Post Course Assessment *****
			M M	Const. Drawings Const. Drawings	3. Plan Views 4. Elevations
			J J	Test Instruments Test Instruments	5. Special Maintenance Test Instruments 6. Troubleshooting
			M J	Lab	Conduit Bending with Powered Benders
24	8/24 - 8/27	Test #22 J.J.	A A	Torque for Elect. Torque for Elect. Torque for Elect.	1. Torque Theory 2. Hardware - Threaded Fasteners, Bolts, etc. 3. Torque Wrenches and Their Uses
			M M	Const. Drawings Const. Drawings	5. Details and Sections 6. Schedules and Specifications
			J J	Torque for Elect. Torque for Elect. Torque for Elect.	4. Torque Tightening 5. Electrical Torque Applied 8. Final Torque Assessment *****
			M J	Lab	Torque

