

2022 Remote Training First Year Schedule

| Course Name | Section / Location | Due Date |
|---|--------------------|------------------|
| January 1, 2022 | | |
| Program Prerequisites | | |
| Rules and Policies | | January 3, 2022 |
| CPR/1st Aid | | January 8, 2022 |
| OSHA 10 | | January 14, 2022 |
| Code of Excellence | | January 29, 2022 |
| LMS PTSI Online Learning System Review | | |
| Online Learning System Layout | 1 | January 14, 2022 |
| My Records | 2 | January 14, 2022 |
| PTSI Mobile App | 3 | January 14, 2022 |
| LMS Harassment Prevention | | |
| Prohibited Harassment | 1 | January 14, 2022 |
| Sexual Harassment | 2 | January 14, 2022 |
| Reporting Harassment | 3 | January 14, 2022 |
| CML Constructing Your Future | | |
| What to Expect | 1 | January 27, 2022 |
| Opportunities Abound | 2 | January 27, 2022 |
| Personal Responsibilities and Expectations | 3 | January 27, 2022 |
| Safety Never Takes a Break | 4 | January 27, 2022 |
| What it Takes to Succeed | 5 | January 27, 2022 |
| Exam 1 (In-Class) | | January 28, 2022 |
| CML Reading Comprehension | | |
| Pre-Assessment | 1 | March 3, 2022 |
| Reading Strategies | 2 | March 3, 2022 |
| Text Comprehension | 3 | March 3, 2022 |
| Paragraph Organization | 4 | March 3, 2022 |
| Drawing Connections | 5 | March 3, 2022 |
| Applying Reading Comprehension to Math | 6 | March 3, 2022 |
| Reading Comprehension Practice Quizzes | 7 | March 3, 2022 |
| Reading Comprehension Final Exam | 8 | March 3, 2022 |
| Completion Certificate | 9 | March 3, 2022 |
| In-Class Tutoring/Practical Session(s) | | |
| Orientation Review with Instructor | 8AM RM 2 | January 15, 2022 |
| CML Constructing Your Future - Review - Exam 1 | 5PM RM 1 | January 28, 2022 |

| February 2022 | | |
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| CML Job Information and Applications | | |
| Introduction | 1 | February 11, 2022 |
| Absenteeism, Productivity, and Challenges of the Workplace | 2 | February 11, 2022 |
| Workplace of an Electrical Worker | 3 | February 11, 2022 |
| Tools of the Trade | 4 | February 11, 2022 |
| Use and Care of Ladders | 5 | February 11, 2022 |
| Masonry and Fasteners | 6 | February 11, 2022 |
| Twist-On Connectors | 7 | February 24, 2022 |
| Commonly Used Items | 8 | February 24, 2022 |
| Sizing Building Wire | 9 | February 24, 2022 |
| Aluminum Conductors | 10 | February 24, 2022 |
| Metric System | 11 | February 24, 2022 |
| Alignment and Measures | 12 | February 24, 2022 |
| EXAM 2 (In-Class) | | February 25, 2022 |
| In-Class Tutoring/Practical Session(s) | | |
| Job Information and Applications Review with Instructor | 5PM RM 1 | February 11, 2022 |
| Job Information and Applications Review with Instructor & Exam 2 | 5PM RM 1 | February 25, 2022 |

| March 2022 | | |
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| CML Reading Comprehension | | |
| Completion Certificate | 9 | March 3, 2022 |
| CML Introduction to Apprenticeship | | |
| Welcome to the beginning of Your Electrical Career! | 1 | March 3, 2022 |
| Preparing for Your Apprenticeship | 2 | March 3, 2022 |
| The Economics of Working in Construction | 3 | March 3, 2022 |
| The Organized Electrical Industry | 4 | March 3, 2022 |
| Reaping the Rewards of the IBEW-NECA Partnership | 5 | March 3, 2022 |
| EXAM 3 (In-Class) | | March 4, 2022 |
| CML Applied Codeology, Navigating the 2020 NEC | | |
| Overview, Organization and Chapter 1 of the National Electrical Code | 1 | March 18, 2022 |
| Planning the Installation | 2 | March 18, 2022 |
| Building the Installation | 3 | March 18, 2022 |
| Using the Electricity | 4 | March 18, 2022 |
| Special Occupancies | 5 | March 18, 2022 |
| In-Class Tutoring/Practical Session(s) | | |
| Introduction to Apprenticeship Review with Instructor & Exam 3 | 5PM RM 1 | March 4, 2022 |
| Applied Codeology, Navigating the 2020 NEC Review with Instructor | 8AM RM 1 | March 18, 2022 |

| April 2022 | | |
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| CML Applied Codeology, Navigating the 2020 NEC Continued... | | |
| Special Equipment | 6 | April 1, 2022 |
| Special Conditions | 7 | April 1, 2022 |
| Communications | 8 | April 1, 2022 |
| Tables and the Informative Annexes | 9 | April 1, 2022 |
| The Codeology Method | 10 | April 1, 2022 |
| EXAM 4 (In-Class) | | April 2, 2022 |
| LMS Conduit Fabrication 2nd Ed | | |
| How to Work with Fractions | 1 | April 15, 2022 |
| Using Basic Trigonometric Functions | 2 | April 15, 2022 |
| Introduction to Conduit Bending | 3 | April 15, 2022 |
| Conduit Types | 4 | April 15, 2022 |
| Hand Fabrication of 90° Stubs | 5 | April 22, 2022 |
| Hand Fabrication of Back-to-Back Bends | 6 | April 22, 2022 |
| Hand Bending Offsets and Kicks | 7 | April 22, 2022 |
| Hand Bending - Three-and Four-Bend Saddles | 8 | April 22, 2022 |
| EXAM 5 (In-Class) | | April 23, 2022 |
| In-Class Tutoring/Practical Session(s) | | |
| Applied Codeology, Navigating the 2020 NEC Review with Instructor & EXAM 4 | 8AM RM 1 | April 2, 2022 |
| Practical Application Labs Conduit System Fabrication | 8AM RM 1 | April 16, 2022 |
| Practical Application Labs Conduit System Fabrication & EXAM 5 | 8AM RM 1 | April 23, 2022 |

| May 2022 | | |
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| CML Construction Drawings | | |
| Introduction to Blueprints and the Design Process | 1 | May 8, 2022 |
| Scaling and Dimensions | 2 | May 8, 2022 |
| Plan views | 3 | May 24, 2022 |
| Elevations | 4 | May 24, 2022 |
| Details and Sections | 5 | May 31, 2022 |
| Schedules and Specifications | 6 | May 31, 2022 |
| In-Class Tutoring/Practical Session(s) | | |
| Construction Drawings Review with Instructor | 5PM RM 2 | May 4, 2022 |

| June 2022 | | |
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| CML Construction Drawings Continued... | | |
| EXAM 6 (In-Class) | 5PM RM 2 | June 1, 2022 |
| LMS DC Theory 1 | | |
| What is Electricity? | 1 | June 17, 2022 |
| Electrical Energy Sources | 2 | June 17, 2022 |
| Electrical Switches | 3 | June 17, 2022 |
| Conductors, Conductor Resistance, and Wattage Loss | 4 | June 17, 2022 |
| Introduction to Electrical Devices | 5 | June 17, 2022 |
| Current, Voltage, and Resistance in a Circuit | 6 | June 22, 2022 |
| The Electrical Circuit and Ohm's Law | 7 | June 22, 2022 |
| Power in a Circuit | 8 | June 22, 2022 |
| DC Theory 1 Review & EXAM 7 (In-Class) | 5PM RM 2 | June 22, 2022 |
| LMS DC Theory 2 | | |
| The Series Circuit | 1 | June 29, 2022 |
| Understanding and Calculating Resistance in DC Series Circuits | 2 | June 29, 2022 |
| How Current Reacts in DC Series Circuits | 3 | June 29, 2022 |
| How Voltage Functions in DC Series Circuits | 4 | June 29, 2022 |
| In-Class Tutoring/Practical Session(s) | | |
| DC Theory - Switches and Conductors Practical Application Lab | 5PM RM 1 | June 15, 2022 |
| DC Theory - Series Q&A, Intro to Parallel CKT | 5PM RM 1 | June 29, 2022 |

| July 2022 | | |
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| LMS DC Theory 2 Continued... | | |
| How to Calculate Power in DC Series Circuits | 5 | July 6, 2022 |
| Energized Circuits and the Potential Hazards They Possess | 6 | July 6, 2022 |
| How to Draw Basic Electrical Circuits Correctly | 7 | July 6, 2022 |
| Introduction to Test Instruments | 8 | July 6, 2022 |
| DC Theory Review & Exam 8 + Parallel CKT Q&A (In-Class) | 5PM RM 2 | July 6, 2022 |
| LMS DC Theory 3 | | |
| How Current Reacts in DC Parallel Circuits | 1 | July 13, 2022 |
| Understanding Resistance in DC Parallel Circuits | 2 | July 13, 2022 |
| Working with Ratios and Proportion | 3 | July 13, 2022 |
| How Voltage Functions in DC Parallel Circuits | 4 | July 13, 2022 |
| How to Calculate Power in DC Parallel Circuits | 5 | July 13, 2022 |
| DC Theory Review & Exam 9 + Combo CKT Q&A (In-Class) | 5PM RM 2 | July 13, 2022 |
| LMS DC Theory 4 | | |
| Understanding Resistance in DC Combination Circuits | 1 | July 20, 2022 |
| How Current Reacts in DC Combination Circuits | 2 | July 20, 2022 |
| How Voltage Functions in DC Combination Circuits | 3 | July 20, 2022 |
| How to Calculate Power in DC Combination Circuits | 4 | July 27, 2022 |
| How Voltage and Current Dividers Work | 5 | July 27, 2022 |
| The Design and Operation of the 3-Wire, Single-Phase System | 6 | July 27, 2022 |
| DC Theory Review & Exam 10 (In-Class) | 5PM RM 2 | July 27, 2022 |

| August 2022 | | |
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| LMS AC Systems | | |
| Reviewing the Applications of DC Theory | 1 | August 3, 2022 |
| Understanding Vectors and How to Use Them Effectively | 2 | August 3, 2022 |
| Comparing Direct Current to Alternating Current | 3 | August 3, 2022 |
| Making Circuit Calculations for Basic Systems | 4 | August 13, 2022 |
| Becoming Familiar with AC Resistive Circuits | 5 | August 13, 2022 |
| Understanding the Basic Characteristics of AC Circuits | 6 | August 13, 2022 |
| Exam 11 (In-Class) | TBD | August 13, 2022 |
| LMS Code, Standards & Practices 1 | | |
| An Introduction to the National Electrical Code | 1 | August 20, 2022 |
| Interpreting the Language of the NEC - Article 100 | 2 | August 20, 2022 |
| Understanding and Applying Articles 110 of the NEC | 3 | August 20, 2022 |
| Understanding and Applying Article 110 of the NEC II | 4 | August 20, 2022 |
| General Building Wire Properties and the NEC | 5 | August 20, 2022 |
| Understanding Conductor Insulation and NEC Specifications | 6 | August 20, 2022 |
| Introduction to Wiring Devices | 7 | August 20, 2022 |
| General Requirements Related to Installing Wiring Devices | 8 | August 20, 2022 |
| General Requirements Related to Installing Industrial Wiring Devices | 9 | August 20, 2022 |
| Specific Receptacle Installation Requirements | 10 | August 20, 2022 |
| Specific Switch Installation Requirements | 11 | August 20, 2022 |
| Exam 12 (In-Class) | TBD | August 20, 2022 |
| LMS Code, Standards & Practices 2 Level 1 | | |
| Understanding the Principles Involved in the Sizing of Building Wire | 1 | August 27, 2022 |
| Branch Circuits 1 | 2 | August 27, 2022 |
| Branch Circuits 2 | 3 | August 27, 2022 |
| Feeders and Outside Branch Circuits and Feeders | 4 | August 27, 2022 |
| Services | 5 | August 27, 2022 |
| Switches, Receptacles, and Luminaires | 6 | August 27, 2022 |
| Exam 13 (In-Class) | TBD | August 27, 2022 |
| In-Class Tutoring/Practical Session(s) | | |
| AC Systems Review | 5PM RM 2 | August 10, 2022 |

| September 2022 | | |
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| LMS Code, Standards & Practices 2 Level 2 | | |
| Conduit and Raceway Basics | 1 | September 3, 2022 |
| NEC Requirements for Cable Assemblies | 2 | September 3, 2022 |
| General Requirements for Wiring Methods and Materials | 3 | September 3, 2022 |
| Conductors for General Wiring | 4 | September 3, 2022 |
| Electrical Nonmetallic Tubing (ENT) | 5 | September 3, 2022 |
| Liquid tight Flexible Conduit: Types LFMC and LFNC | 6 | September 3, 2022 |
| Exam 14 (In-Person) | TBD | September 3, 2022 |