

electrical training

*Welcome to the 29th Annual
National Training Institute
(NTI)*

Virgil Melton

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EICA

- Working committee was formed
- The first meeting was in January 2014
- Work group met every 6 weeks
- Started training in September 2016
- Accreditation on September 22, 2017
- Stationary Control
- Rotating Control
- Digger Derrick
- All certifications are valid for 5 years



The screenshot shows the EICA website with the following content:

- Accreditation:** EICA is a nationally accredited training organization by the Commission on Technical Education (CTE).
- Candidate Application:** Includes sections for License/Certificate Requirements, Candidate Handbook, and a phone number: 1-800-289-4444.
- Electrical Industry Certifications Association:**
 - Scope of Certification – Stationary Control Crane
 - Scope of Certification – Rotating Control Crane
 - Scope of Certification – Digger Derrick
- Text at the bottom:** EICA's Crane and Digger Derrick certifications program is allowed to all individuals who meets the eligibility requirements below.

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EICA does a work shop for the **practical part** of the test

www.eica-us.org

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The class that the electrical training ALLIANCE puts on is a prep class for the written part of the test **ONLY**



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CRANE CERTIFICATION

for the ELECTRICAL INDUSTRY

- Course is a 16 hour class
- Course is suited for both the beginner and the more experienced
- There has been over 120 instructors enrolled in the LMS course
- The LMS course has – 8 lessons and questions at the end of each lessons
- Instructors manual, PPT's, handouts and other resources
- Student review manual and additional resources

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Crane Certification Prep Course for the Electrical Industry - 2nd Ed.

LAST ACCESS: 07/06/2018

The Crane Certification Prep Course for the Electrical Industry - 2nd Ed. training program is focused on the safe operation and setup of cranes and how to properly use load charts and attachments. It covers different types of cranes, booms, and carriers in addition to the standards and regulations of cranes. This program is suited for both the beginner and the experienced operator. This course is also an outstanding resource for the electrical industry crane operation certification.

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The New CRANE Book



CRANE CERTIFICATION FOR THE ELECTRICAL INDUSTRY

ATP

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Level 1

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Course Syllabus

- Lesson 1: Introduction to Cranes [Open](#)
- Lesson 2: Federal Regulations and Industry Standards for Cranes [Open](#)
- Lesson 3: Transporting Cranes [Open](#)
- Lesson 4: Safety Practices for Cranes [Open](#)
- Lesson 5: Setting Up and Preparing Cranes for Lifts [Open](#)
- Lesson 6: Making Lifts [Open](#)
- Lesson 7: Shutting Down and Securing Cranes [Open](#)
- Lesson 8: Special Operations, Precautions, and Tools [Open](#)

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BLENDED LEARNING ADMINISTRATIVE ACCESS

Home Crane Certification Prep Course for the Electrical Industry - 2nd Ed. [Home](#)

Home [Home](#) [My Courses](#) [Course Catalog](#) [Results](#) [Instructor Portal](#)

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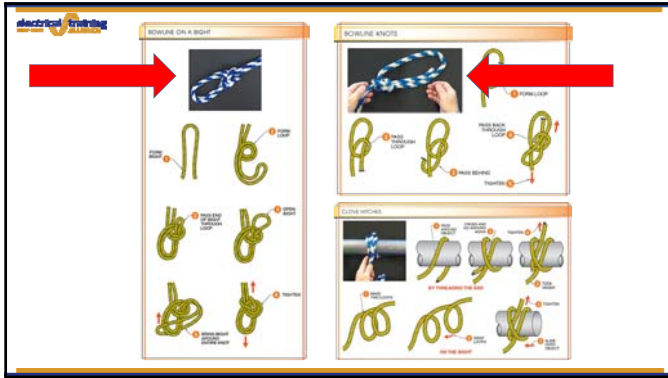
RESOURCES

[Crane Certification Prep Course for the Electrical Industry - 2nd Ed.](#)

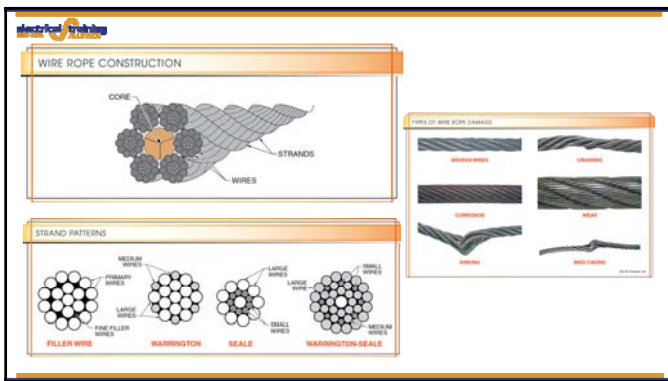
[Instructor Resources](#)

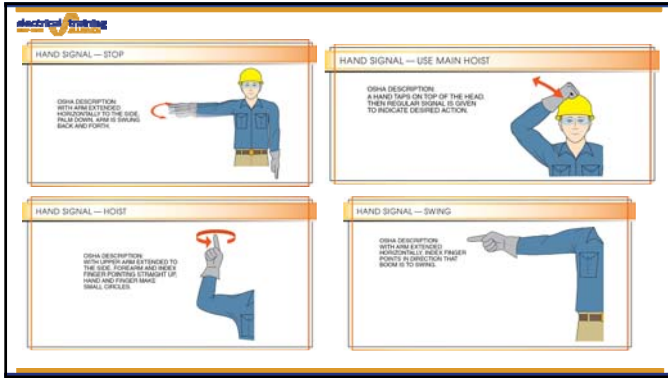
[CourseWare Study Plan & Enhanced Materials](#)

[Web Resources](#)













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Home My Content Course Catalog Reports Substation Portal

Substation 1st Year, Level I

Welcome to Substation 1st Year, Level I Online Materials

The course begins with a lesson that introduces the student on how to study this course and gives helpful pointers on navigating the course materials. The next three lessons provide the overview of an IAWQEC's Apprenticeship and the responsibilities of an apprentice. Other lessons give the student a thorough understanding of the history of the IEEE and IAWQEC. The course also covers helpful tips on how to effectively study, such as creating the layout of study use, visual feedback, collaboration, and how to address a range of professional personal conduct.

Course Outline

- Lesson 1: How to Study This Course and Achieve Your Personal Goals [View](#)
- Lesson 2: Knowing Your Apprenticeship and Your Responsibilities [View](#)
- Lesson 3: The Attributes of an IAWQEC Apprenticeship [View](#)
- Lesson 4: Your Job and the Future & Skills for You [View](#)
- Lesson 5: Sexual Harassment [View](#)
- Lesson 6: The IEEE and Its History [View](#)
- Lesson 7: IEEE's Structure and Heritage [View](#)
- Lesson 8: Building the History of IEEE [View](#)
- Lesson 9: This is a National Program [View](#)
- Lesson 10: Becoming Familiar with the IEEE Constitution [View](#)
- Lesson 11: Professional Personal Conduct [View](#)
- Lesson 12: Appendices [View](#)

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Home My Content Course Catalog Reports Substation Portal

Substation 2nd Year, Level I

Welcome to Substation 2nd Year, Level I Online Materials

Level I course will review that introduce the student to instruments and specifications. Electrical drawings and diagrams, along with unit drawings, also are reviewed. Other lessons discuss and illustrate various meter and how drawings are made and interpreted. This course also contains a lesson showing cell installation, one involving one method and a lesson that illustrates measuring and leveling devices. The course concludes with a lesson on measuring and drawing angles and another on right triangles.

Course Outline


- Lesson 1: Symbols, Conventions, and Abbreviations [View](#)
- Lesson 2: Noting and Dimensioning Drawings [View](#)
- Lesson 3: Single Line Drawings [View](#)
- Lesson 4: Schematic Diagrams [View](#)
- Lesson 5: Electrical Drawings and Diagrams [View](#)
- Lesson 6: Introduction to Blueprints and Specifications [View](#)
- Lesson 7: Civil Drawings [View](#)
- Lesson 8: Steel Erector Drawings [View](#)
- Lesson 9: Introduction to Measuring and Leveling Devices [View](#)
- Lesson 10: Measuring and Drawing Angles [View](#)
- Lesson 11: Right Triangles [View](#)

DURA-BASE
ADVANCED COMPOSITE MAT SYSTEM

PROVIDING GREAT ACCESS TO THE
POWER TRANSMISSION
INDUSTRY


DURA-BASE®
is engineered
to provide a
stable work
platform or
access road
regardless of
difficult terrain.

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DURA-BASE® EPZ Applications

- Overhead Line Stringing
- Mobile Sub-stations
- Transformers
- Portable Generators



NEW

Enhanced Continuity Assurance Across the EPZ Platform - Electrical continuity from mat to mat is provided by bolted cables, offering a visual inspection of positive mechanical connections.

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TTT Genie Lift Class

The training kits includes all of the materials required to train an unlimited number of students.




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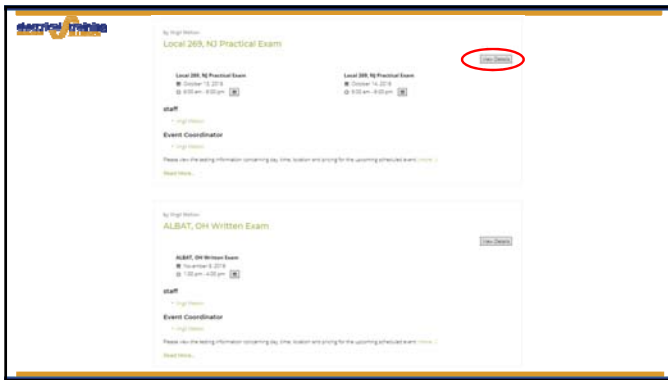


Mod I - Proper Cable Preparation

Mod II - Hand Applied Tape Test

Mod IV - Manufactured Kits Test





- ➡ NCSCB in Medway, OH @ ALBAT August 10th – 12th
- ➡ Mod II TTT in Trenton, NJ @ LU 269 August 27th – 31st
- ➡ Mod I TTT in San Bernardino, CA @ LU477 September 10th – 14th
- ➡ NCSCB in Carrollton, GA @ Southwire September 21st – 23rd
- ➡ NCSCB in Trenton, NJ @ LU 269 October 12th – 14th
- ➡ MOD III TTT in Medway, OH @ ALBAT October 22nd – 26th
- ➡ NCSCB in Medway, OH @ ALBAT November 9th – 11th
- ➡ MOD VI TTT in Medway, OH @ ALBAT November 26th – 30th
- ➡ Mod IV TTT in San Bernardino, CA @ LU477 December 3rd – 6th
- ➡ NCSCB in San Bernardino, CA @ LU477 December 7th – 9th



