

2026 EDUCATION COURSE CATALOG

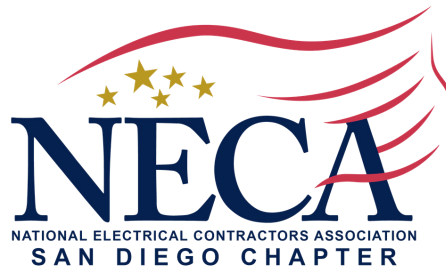


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Additional Resources

NECA San Diego Education

NECA San Diego On-Demand Education Library

Electrical Training Institute San Diego - Continuing Education

NECA National Education

ETA Catalog

For more information on courses and upcoming events, please visit the Chapter's website at necasandiego.org/education.

Please note that course topics, dates, and times are subject to change.

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San Diego, CA 92123

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2026 Course Schedule

Bluebeam Tips & Tricks

April 9, 2026 from 1:00pm - 4:00pm

Take your Revu Markup activities to the next level with Tips & Tricks on customizing standard Revu markups, sharing several ways you can change and organize markups in your project documents, and did you know that you can leave a reply on a Markup and even design your own custom line styles? Learn how to create and edit markups of various shapes, add control points and leaders, reorder and group markups, snapshot regular and non-rectangular markups, label them, create custom line styles, and apply markups to various pages.

New features to include: Multiply Markups, Customize Captions with Markup List Data, and Expanded Markups for Guest Collaborators.

Continuing Education Hours: 3 Hours

Format: Virtual

Instructor: April McCall; AMAC Digital Solutions

Introduction to AI (101)

April 15-16, 2026 from 8:00am - 2:00pm

Unlock the Power of AI to Transform Your Electrical Contracting Business

This dynamic 3 day workshop is tailored specifically for electrical contractors, project managers, estimators, dispatchers, and office professionals seeking to stay ahead of the curve with artificial intelligence. "Introduction to AI" provides a hands-on, practical exploration of how today's cutting-edge AI tools—like ChatGPT, Google's Notebook LM, Gamma, and more—can streamline operations, increase productivity, and enhance everyday workflows in the electrical industry.

Through a mix of lectures, live demonstrations, and interactive exercises, participants will:

- Learn how AI is revolutionizing the electrical contracting industry.
- Build a personalized AI assistant using ChatGPT to manage tasks, emails, and documentation.
- Transform handwritten notes into dynamic, digital action plans.
- Design AI-generated presentations and images to elevate communication and branding.
- Master the ChatGPT Projects interface for organized, collaborative workspaces.
- Explore safe, ethical, and effective AI implementation practices.
- Build and customize GPTs tailored to specific roles and departments.

Capstone exercises and deep research projects give attendees the opportunity to apply their new skills in real-world scenarios, helping to turn AI potential into real business value. Whether you're a seasoned pro or new to AI, this immersive training equips you with the knowledge and tools to confidently integrate artificial intelligence into your daily operations.

Cost: \$250 per person

Continuing Education Hours: 12 Hours

Format: In-Person at ETI (4675 Viewridge Ave. San Diego, CA 92123)

Instructor: Chris Carr; Dynamix



2026 Course Schedule

Maximize Financial Success with the NECA Subcontractor Contract & Collections Handbook

April 23, 2026 from 1:00pm - 3:00pm

The NECA California Chapters' Subcontractor Contract & Collections Handbook is a powerful resource, but its depth and detail can make it challenging to fully utilize. This class breaks the Handbook down into practical, easy-to-apply guidance to help you maximize success with collections, change orders, and claims. Attendees will learn key timelines, requirements, and best practices—along with the important differences and similarities among private, public, and federal projects. The course will also demonstrate how to integrate the Handbook's sample forms into your company's everyday processes to efficiently protect payment rights and provide proper notice for changes in cost and time.

Format: In-Person at ETI (4675 Viewridge Ave. San Diego, CA 92123)

Instructor: Pam Scholefield; Onsite Pro Development

Basic Estimating of Electrical Construction

April 27-29, 2026 from 7:30am - 3:30pm

Small mistakes in an estimate can have a huge impact on your bid's bottom line and this course provides the tools needed to be both comprehensive and competitive. This course will discuss the process for assembling an estimate including: developing material lists, applying labor unit data, material takeoff, and application of direct job costs, overhead, and profit.

Following this class, participants will be able to:

- List types of mistakes when estimating electrical construction projects and how to avoid them
- Describe the parts of an estimate
- Explain the importance of establishing the true cost of a project
- Develop an estimate to provide job management information

Continuing Education Hours: 24 Hours

Format: In-Person at ETI (4675 Viewridge Ave. San Diego, CA 92123)

Instructor: Matthew Firestone; Firestone Consulting Group



2026 Course Schedule

VitalCog Suicide Prevention

May 5, 2026 from 8:00am - 9:00am

This interactive one-hour training is specifically designed for the construction industry, which faces one of the highest suicide rates across all sectors. Acknowledging the unique pressures of construction work, the session emphasizes the importance of mental health awareness and equips participants to take an active role in suicide prevention.

By the end of this session through impactful videos, group discussions, and practical exercises, attendees will be able to :

- Gain awareness of mental health challenges in construction
- Recognize suicide warning signs and risk factors
- Build confidence in engaging in supportive conversations
- Be equipped to help create a safer, more open workplace culture

Format: Virtual

Instructor: David Manderson; NECA National

Applied Grounding and Bonding

May 13, 2026 from 7:30am - 3:30pm

Understanding grounding and bonding concepts, as outlined in the National Electrical Code (NEC), is crucial for professionals in the electrical industry. These concepts ensure safe electrical systems. This class reviews the basics of grounding and bonding, including definitions, functions, and applicable NEC rules. Topics covered will include grounding electrodes, grounding electrode conductors, equipment grounding conductors, bonding, bonding jumpers, and sizing rules. The course is based on the Applied Electrical Grounding and Bonding textbook and curriculum from the Electrical Training Alliance.

What you will learn:

- Understand grounding and bonding concepts and techniques
- Have knowledge and understanding of safety circuit elements & NEC requirements
- Grounding and bonding components
- Sizing and installation rules

Continuing Education Hours: 8 Hours

Format: In-Person at ETI (4675 Viewridge Ave. San Diego, CA 92123)

Instructor: Michael Johnston; Roadrunner Technical Services LLC



2026 Course Schedule

Bluebeam Takeoffs and Estimations

June 3-4, 2026 from 1:00pm - 4:00pm

Master Takeoffs and Estimations with this comprehensive course to boost your workflow efficiency and accuracy. Learn to use the Quantity Takeoff Profile in Revu, calibrate documents for precise measurements, and utilize advanced measurement tools. Discover how to track data in the Markups List, create custom columns for material and labor costs, and export data for analysis. Use visual search for counting and organize Summary Reports effectively. Apply industry-specific techniques to optimize your workflows and enhance project management.

Cost: \$125 per person

Continuing Education Hours: 6 Hours

Format: Virtual

Instructor: April McCall; AMAC Digital Solutions

Building Blocks of the Successful Contractor

June 10, 2026 from 7:30am - 11:30pm

During this session, we will discuss the foundational pieces of best-in-class contractors that allow organizations to grow profitably while deploying the proper tools to minimize the risk associated with growth. Attendees will learn the basics of strategy development, business development, leadership development, business process re-engineering, project execution, prefabrication, and technology strategy providing a holistic view of the elements of “best in class” contractors. The “Building Blocks” model will be reviewed in detail and will be built upon throughout the entire program. **This education class is intended only for NECA Contractors/Executive Members.**

What you will learn:

- Discuss the definition of strategy in setting the future path of an organization
- Outline effective structure by depicting current organizational structure contrasted with tomorrow’s needs for success of strategy
- Clarify the need for strong, defined systems and processes along with employee engagement principles to allow staff to learn and grow appropriately in order to fill both the current and future needs of the organization

Cost: \$75 per person

Format: In-Person at ETI (4675 Viewridge Ave. San Diego, CA 92123)

Instructor: Stephane McShane; Maxim Consulting Group



2026 Course Schedule

Project Engineering Part 2

June 23 - August 11, 2026 (8-week class) Tuesdays, from 1:00pm - 4:00pm

Project Engineers are technical leaders who ensure site work meets plans, contracts, budgets, and deadlines—overseeing RFIs, daily reports, and submittals. The course helps bridge the gap for those advancing toward Project Management or seeking a deeper understanding of Project Engineering.

Participants will learn:

- Intro to scheduling
- Duration and calendars
- Relationship types
- What is float and how is it calculated?
- What are costs?
- Tracking productivity with (or without) a schedule
- Estimating change orders
- The schedule and change orders

Cost: \$195 per person

Continuing Education Hours: 24 Hours

Format: In-Person at ETI (4675 Viewridge Ave. San Diego, CA 92123)

Instructor: Bob Riel; Riel Consulting LLC

Scaling Up

June 25, 2026 from 8:00am - 12:00pm

The keys to scale up your business are attracting and retaining the right people, creating a truly differentiated strategy, directing flawless execution, and keeping cash reserves to weather the storms. Many contractors struggle with growth and breaking the barriers of a \$10M, \$50M or \$100M Company. Fortunately, there are some very predictable barriers that companies will face. Having first-hand knowledge of these barriers, participants will be exposed to “what to expect” at various revenue sizes and “what to do” to overcome the challenges and remain profitable. The focus of the program will be in four critical areas of the business - namely People, Strategy, Execution, and Cash. **This education class is intended only for NECA Contractors/Executive Members.**

Learning Objectives

- Recruitment strategy and finding A Players
- Defining and executing a truly differentiated strategy
- How to drive flawless execution
- Finance mechanisms to weather the storm

Cost: \$75 per person

Format: Virtual

Instructor: Stephane McShane; Maxim Consulting Group



2026 Course Schedule

An Advanced Primer to Power Systems Study

July 16, 2026 from 1:00pm - 4:00pm

This class presents a general overview of the major components of a Power System Study:

- Short Circuit Analysis
- Selective Coordination
- Arc Flash Analysis

We will explore how they each contribute to a reliable electrical distribution system, the importance of each, and the safety aspects of each, and we will also take a deeper look into the Selective Coordination of OCPDs and how that relates to turning those circuit breaker dials in the field!

Following this course, participants will learn:

- Your part in the engineer performing a study
- How equipment selection takes place
- What to look for in a finished study
- How to read a TCC
- Implementing breaker settings
- Arc Flash Labels and PPE

Continuing Education Hours: 3 Hours

Format: In-Person at ETI (4675 Viewridge Ave. San Diego, CA 92123)

Instructor: Michael Rizza; Rizza Engineering

Bluebeam Revu Customizations & Advanced Workflows

August 12, 2026 from 1:00pm - 4:00pm

This intermediate course helps users advance their Bluebeam Revu skills by customizing tools and streamlining document workflows. Participants will learn to create reusable markups, automate tasks, and manage documents more efficiently. Through hands-on examples, the class covers customization features that improve collaboration, standardize markups, and save time when reviewing construction documents.

Topics include PDF editing, document management, hyperlinks, reporting, snapshots, document comparison, and other time-saving tools.

Ideal for: project managers, estimators, architects, engineers, and construction professionals with a basic understanding of Bluebeam Revu.

Continuing Education Hours: 3 Hours

Format: Virtual

Instructor: April McCall; AMAC Digital Solutions



2026 Course Schedule

Change Orders and Claims

August 26, 2026 from 8:00am - 12:00pm

This session leads participants through conventional change order and claims processes. Students will be encouraged to think through ways to manage their own change order systems better while considering common sense dispute resolution strategies. The workshop will focus on three important principles:

- Identifying, processing, and getting paid for change orders
- Avoiding disputes before they start
- Resolving disputes before they escalate

Continuing Education Hours: 4 Hours

Format: In-Person at ETI (4675 Viewridge Ave. San Diego, CA 92123)

Instructor: Paul Stout; Power Summit

NFPA 70E / B - Electrical Safety in the Workplace

September 10, 2026 from 7:30am - 3:30pm

This course covers electrical safety in the workplace as outlined in the NFPA 70E and 70B standards. It emphasizes the shared responsibility of employers and employees for compliance, focusing on recent revisions that prioritize hazard elimination. Topics include the hierarchy of risk controls, risk assessments, human performance factors, and determining when energized work is justified. The course also covers lockout/tagout procedures, Arc Flash PPE selection, and required training and documentation. Attendees will gain essential knowledge and confidence in applying NFPA 70E and 70 B standards to ensure workplace safety.

Continuing Education Hours: 8 Hours

Format: In-Person at ETI (4675 Viewridge Ave. San Diego, CA 92123)

Instructor: Michael Johnston; Roadrunner Technical Services LLC