

Controls Class With Hands-On Training

June 23 – July 7, 2025

**Taught by: Edward Del Toro
IECGSA Director of Education/Training**

Schedule (20 hours of hand's on and classroom):

Monday:	June 23, 2025	5:00 – 9:00 p.m.
Wednesday:	June 25, 2025	5:00 – 9:00 p.m.
Monday:	June 30, 2025	5:00 – 9:00 p.m.
Wednesday:	July 2, 2025	5:00 – 9:00 p.m.
Monday:	July 7, 2025	5:00 – 9:00 p.m.

What you'll learn:

- Motor control symbols and ladder diagrams.
- Mechanical switching devices (PB's; limit switches, selector switches, etc.).
- Solid state switches (photoelectric and proximity).
- Mechanical and solid state relays.
- Common magnetic motor starter circuits.
- VFD's (connect, test).
- Control transformers.
- Timers (On, Off, One-Shot, Recycle, etc.) and timing circuits.
- Reversing circuits.
- PLC applications (connect, test).
- Troubleshooting with use of meters.

Limited to 20 students working at 10 lab stations

Take advantage of this opportunity for hands on electrical training.

Each student will use at least 10 different meters and attachments and much more electrical equipment.

IECGSA Member Price: \$500 per attendee

Non-IECGSA Member Price: \$600 per attendee

See following page for registration form

REGISTRATION FORM

(Each student attends all 5 days - maximum of 20 students)

Schedule (20 hours of hand's on and classroom):

Monday:	June 23, 2025	5:00 – 9:00 p.m.
Wednesday:	June 25, 2025	5:00 – 9:00 p.m.
Monday:	June 30, 2025	5:00 – 9:00 p.m.
Wednesday:	July 2, 2025	5:00 – 9:00 p.m.
Monday:	July 7, 2025	5:00 – 9:00 p.m.

IECGSA Member Price: \$500 per attendee
Non-IECGSA Member Price: \$600 per attendee

Company Name: _____ Contact Name: _____

Contact Phone Number: _____

Name of attendee: _____

Name of attendee: _____

Name of attendee: _____

Payment Method (please check one): \$ _____ Total owed to IEC

_____ I am an IEC Greater San Antonio member, please invoice me (we do not invoice non-IEC members).

_____ Check and/or Money Order – Must accompany the registration form (no personal checks).

_____ Credit Card- Please call with payment

To sign up for class, please complete this form and fax it to 210.434.2510 or email it to edward@iecsanantonio.com or joeyh@iecsanantonio.com.

Class held at the IEC Greater San Antonio Training Center,
5511 Ingram Road, San Antonio, TX 78228.
For more information, please call the IEC Training Center at 210.431.9861.

A registration constitutes a financial obligation to the IECGSA.
Cancellations must be received by June 19, 2025. Cancellations received after this date, will be billed.
Substitutions are allowed. Non-IECGSA members must provide payment with the registration form.

For Office Use Only: Date Paid: _____ Amount Paid: _____ Type of Payment: _____