



# TEC

DEVELOP TALENT. HONE SKILLS.

# 2020

**LOSS CONTROL**

## Transformer


**March 17-20**  
**Taylor EC, Merkel**  
Register by: March 9

Four-Day Training School  
Classroom and Field Exercises

To register online, go to [texas-ec.org](https://texas-ec.org).



**Texas Electric Cooperatives**

A Touchstone Energy® Cooperative 



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#### COURSE INFORMATION

##### Course Description

This course covers the basic principles of electricity and applying Ohm's Law and the power formula through classroom instruction and hands-on experience. Students learn turns ratio, polarity, impedance, nameplate, induction, A/C current, Wye/Delta, fault current values, transformer fusing, transformer lightning protection, single-phase and three-phase connections, troubleshooting, and safe work procedures.

##### Each participant should bring

- Hardhat
- Rubber gloves
- Voltmeter
- Long-sleeved ARC-rated shirts
- Hand tools
- Safety glasses

##### Course Prerequisites

Participants should have one year or more of line crew construction and/or maintenance experience or one year or more experience as a serviceman or meter technician.

##### Course Schedule

8 a.m., Tuesday, March 17–noon, Friday, March 20

##### Class Limit

25 students

##### Continuing Education Units

**32 hours** (3.20 CEUs)

A South Plains College certificate will be mailed to participants who complete this course and pay the \$10 fee.



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### REGISTRATION FORM

Register by: March 9, 2020. [Click here to register online.](#)

#### Please print clearly.

One registration form per attendee. Duplicate as necessary.

Name \_\_\_\_\_

Title \_\_\_\_\_

Cooperative/Company \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_

Phone \_\_\_\_\_ Email \_\_\_\_\_

Supervisor's Email \_\_\_\_\_

Registration Fees	By March 9	After March 9
<input type="radio"/> <b>Member Registration</b> (lunch not included)	\$650/person	\$700/person
<input type="radio"/> <b>Nonmember Registration</b> (lunch not included)	\$950/person	\$1000/person
<input type="radio"/> <b>CEU Certificate from South Plains College</b> (optional)	\$10/person	\$10/person
<input type="radio"/> <b>Transformer Handbook</b> (mandatory)	\$0/person	\$0/person

**Registration cancelation policy:** All changes or cancelations must be made by email to [tknipstein@texas-ec.org](mailto:tknipstein@texas-ec.org). No refunds will be issued for cancelations made fewer than 15 days before the event. Cancelations made more than 15 days before the event will receive a full refund, minus a \$50 charge per student or substitution.

Signature \_\_\_\_\_

**Fax completed form to: (512) 763-3390. Questions:** Tami Knipstein, (512) 486-6271 or [tknipstein@texas-ec.org](mailto:tknipstein@texas-ec.org)

**Training Location: Taylor EC, 226 CR 287, Merkel 79536**

**Suggested Places To Stay:** Attendees are responsible for making their own hotel room reservations.

**Best Western  
Abilene Inn and Suites**  
350 East Overland Trail  
Abilene 79601  
(325) 672-5501

**Holiday Inn Express**  
1802 East Overland Trail  
Abilene 79601  
(325) 675-9800

**La Quinta Inn  
Abilene**  
3501 West Lake Road  
Abilene 79601  
(325) 676-1676

**MCM Eleganté Suites Abilene**  
4250 Ridgemoor Drive  
Abilene 79606  
(325) 698-1234