

## **TRANSFORMERS (TRX)**

### Course Description –

The course starts by first learning the purpose of a transformer and its components. Then single phase and three phase transformers are described, along with Delta and Wye hookups of 3 phase bank primary and secondary transformers. Safety, especially regarding back feed situations, is strongly emphasized. Proper grounding and fusing of transformers is taught, and the student gets an opportunity to hook up different transformer circuits on a mock 110 volt distribution system set up on a board in the classroom.