



## **ESTW302 Installing Telephone Systems, Infrastructure and Equipment**

This course is for the technician who designs, installs, and maintains telecommunications equipment and systems. Topics covered include FCC regulations, industry standards, cabling types, termination procedures, and proper testing. Participants will learn when to consider proposing a communication system. This course also covers the benefits, basic options, and points of caution regarding phone systems, VoIP, DSL, and CATV.

Upon completion of this course, participants should be able to:

- List applicable FCC regulations and industry standards
- Explain key points from TIA-570-B residential standard
- Describe and demonstrate proper termination procedures
- Determine minimum testing requirements
- Analyze interference and connectivity issues
- Add value to projects