APTI 452: Principles and Practice of Air Pollution Control

This introductory 3-day course is an overview of the entire federal/state air pollution program including discussion effects and sources of air pollutants and the technology, engineering controls and management systems developed to minimize emissions.

Topics will include:

- History of Air Pollution Control
- Effects of Air Pollutants
- Transport and Dispersion of Air Pollutions
- Air Quality Management
- Laws and Regulations
- Air Sampling and Analysis
- Source Sampling and Analysis
- Control Strategy Development
- Emission Inventories
- Pollution Prevention
- Mobile Source Controls
- Control Technology Review for Particulate Matter and Gaseous Constituents
- Compliance Monitoring and Enforcement

Target Audience:

A valuable introductory course for those responsible for air compliance inspecting and sampling and persons in environmental program management and legal positions who are responsible for meeting the requirements of the Clean Air Act. In that the course covers all aspects of the federal/state air pollution program, individuals will gain an understanding of how their duties and responsibilities support the other aspects of the great air pollution program.