

Hands-On

# RF - Radio Frequency Awareness



## Course Description

This course, as prescribed by industry and OSHA standards, provides a basic awareness level understanding that allows the towerhand to recognize and identify RF safety hazards that may be present, and how to minimize the risk of exposure.

## Students Will Learn

- Requirements for a Written RF Safety Plan
- Understanding RF Energy
- Categories of risk
- Content of written program
- Definition of Electromagnetic (RF) Energy
- How RF energy works
- Safety Issues with RF energy
- Dangers associated with RF energy
- Avoiding the hazards
- Signage Requirements
- Referenced Standards
- OSHA 1910.1200 Hazard Communication
- OSHA 1910.1201 DOT Markings Placards and Labels
- OSHA 1910.144 Marking Physical Hazards
- OSHA 1910.147 Lockout Tagout
- DOT 49 CFR Hazmat Regulations

## Target Audience

Anyone interested in and or working with or around RF systems and towers.

## Prerequisites

None

## **Delivery Method**

Instructor-Led with Numerous Hands-On Exercises.

## **Equipment Requirements**

**(This apply's to our hands-on courses only)**

BTS always provides equipment to have a very successful Hands-On course. BTS also encourages all attendees to bring their own equipment to the course. This will provide attendees the opportunity to incorporate their own gear into the labs and gain valuable training using their specific equipment.

## **Course Length**

1 Day