



RF Academy – IBOC Technology 101

RF Academy is the Broadcast Electronics resource for learning broadcast related RF topics. This course, IBOC Technology 101, covers the basics of IBOC Digital radio for new-hires, new electronics graduates, and people new to implementing HD Radio technology.

Attendees should have a solid electronics background prior to attending.

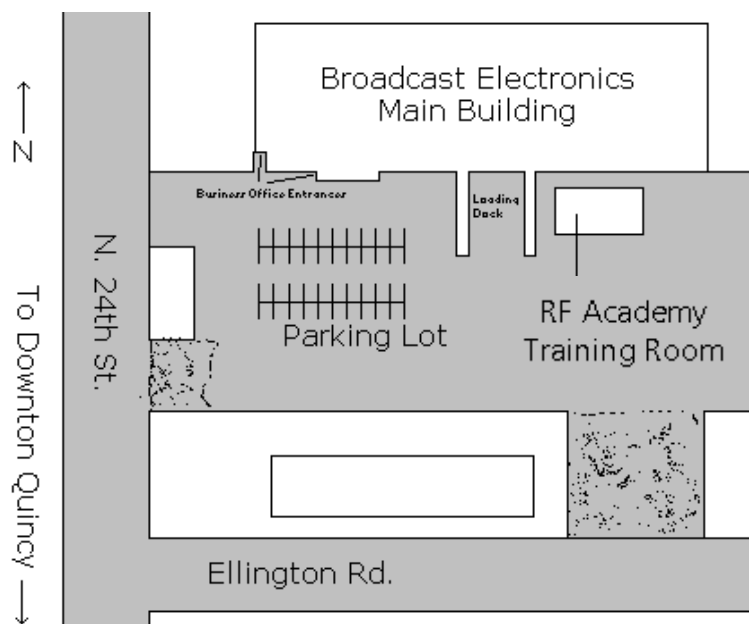
Pens, notepads, and training materials will be provided. If you have special circumstances, issues, or questions, these will be address as time allows, or during non-class time.

Classes held in Quincy, IL at the training facility of our main factory. If you need to be reached while attending RF Academy classes, our contact information is:

Broadcast Electronics
4100 N. 24th Street
Quincy, IL 62305
Phone; 217-224-4700
Fax: 217-224-6258

Broadcast Electronics will provide a phone for making local and toll-free calls. BE does not provide Internet access.

Classes are weekdays,
approximately 8:30a – 4:30p
with a mid day lunch break.
Dress is casual.



RF Academy – IBOC Technology 101

Topic Outline

Introduction to HD Radio Technology
Modulation Methods Overview
Spectrum Comparison; Analog vs. Digital
AM Implementation
FM Implementation Choices
Classes of Amplification
 $\frac{1}{4}$ Wave Hybrids Used In Digital Radio
Implications of -10dB Injection
STL Demands
Current Rollout Status

