



## RF Academy – RF Technology 101

RF Academy is the Broadcast Electronics resource for learning broadcast related RF topics. This course, RF Technology 101, covers the RF basics that new-hires, new electronics graduates, and people new to maintaining broadcast RF equipment should know.

Attendees should have a solid electronics background prior to attending.

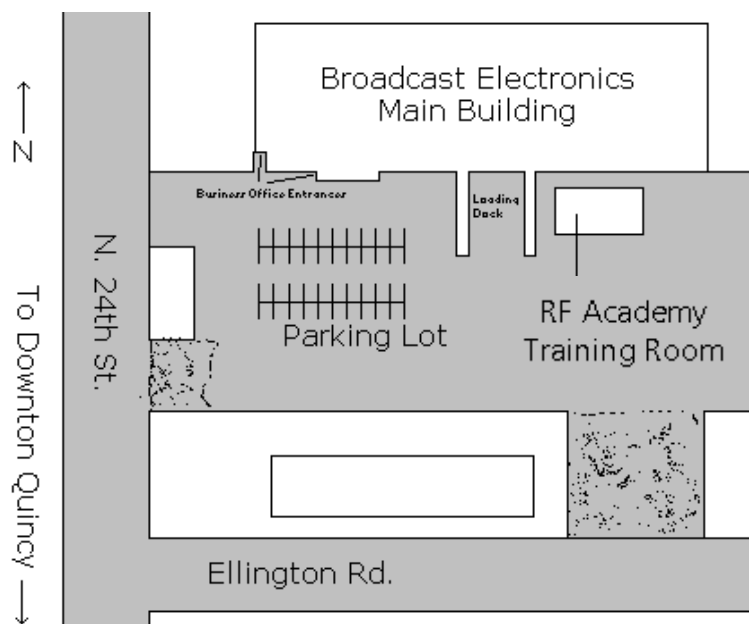
Pens, notepads and training materials will be provided. If you have special circumstances, issues or questions, these will be address as time allows, or during non-class time.

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. 24<sup>th</sup> 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.



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## Topic Outline

Classes of Amplification Review

Basics of Vacuum Tubes

Analysis of Power Amplifiers

Analysis of Resonant Circuits

RF Impedance Matching

Transmission Lines

Cavity Amplifiers

Coupling and Loading

Hybrids

Microstrip

FM Antenna

