

CMARC Fox Hunt Antenna and Attenuator Build Projects



The Central Michigan Amateur Radio Club will host two “you build it” classes for both club members and the public (up to 20 spots). This is a chance to explore the art of radio direction finding -and- building the proper equipment to participate in what we call a “FOX HUNT.” This is a fun project and you will wind up with some great equipment that you can show off to your friends.

In our first class, on December 3rd 2022 we will build a hand-held directional antenna called a Yagi. The exciting part of this is that the antenna is made up of some PVC tubing, some clamps, glue, coax, and a standard tape measure element.

The second part of this project is to build a small electronic circuit board that connects the antenna and your hand-held radio to reduce the signal for pinpointing the “Fox” (the hidden transmitter) you are very close to. This device is known as an offset attenuator.

You will build (solder) components to a circuit board, and our instructors will help guide you even if you have never soldered before.

We have had a great interest in this project build and want to make sure we can give every interested person the opportunity to sign up for this event.

The total cost for both classes will be \$30.00. Our first class (the antenna build) will commence on Saturday, December 3rd, 2022. 9am-2pm. This class will last about 2 hours but we have included extra time. Our second class (the offset attenuator build) will be held on January 21st.2023 and if we need to split the class, our second date will be January 28th 2023, times are all 9am -2pm. Classes will be held in the gymnasium at the West Lansing Church of Christ in Delta Township. The street address is 5505 West St. Joseph Highway, Lansing, Michigan 48917. This is the exact location we currently hold our monthly club meetings.

If you wish to take this class or desire further information on these classes, please contact Gordy Smith (KE8JKS) at (517) 749-5677 before sending money to reserve. This class is limited to 20 spots, so please check with Gordy to ensure there is still room.

To reserve your spot in these classes, send a check payable to CMARC for \$30.00. If you prefer, we accept PayPal as an alternative method of payment. Once you visit the link below, please click the link to “send” money to CMARC, and then leave a note with your name, Callsign, and the fact that you are paying for the “FOX HUNT” classes.

Please send checks to Central Michigan Amateur Radio Club, PO Box 54, Mason, MI 48854 or make your payment by check or PayPal no later than Friday, November 11th 2022 by the end of our club meeting.

For your convenience use this link to use our PayPal

<https://paypal.me/centralmiarc>

These classes should be a lot of fun for everyone. Don't miss out, classes will fill up fast so reserve your spot today!