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Ham Radio Education

1 message

Ron <azrjoe@gmail.com>

Wed, Mar 17, 2021 at 9:30 PM

To: Michael Hanks <michael_hanks@hotmail.com>, Jack Lunsford <j.lunsford@q.com>, Phil Brunner <phil.brunner@gmail.com>, Peter Belanus <petebelanus@yahoo.com>

Hello Board of Education,

My Soapbox

Here is a draft proposal for a Ham Radio Education plan that could be used as a starter. The organization defined below will keep the program focused on the subject matter you have selected and still allow it to expand as much as the effort the group would like it to. It could start off great and grow into something spectacular. I am not up to the task of taking on major role but would be willing to be a contributor. The first thing that needs to happen, after some discussion, is the confirming of the board. All of the topics, contributors, times and dates on the attachment are factious and put there to show as examples. Real information should be determined by The Board after it is confirmed.

The structure provided is intended to be a starting point for an improved version that the Board comes up with but I do suggest that the presentations stay focused on educating the viewers. There are lots of podcasts on line that offer conversational information & news and many of them are very successful at what they are doing but I did not find any that really stayed focused on a structured ham radio educational process. Presenting the topics in small modules will allow anyone to select information they can use without listening to a bunch of interesting but not necessarily educational stuff.

It sounded like the group's goal is the education of ham radio enthusiasts.

Organization

Focused on education and learning

Goal

The Goal is to increase the knowledge of ham radio enthusiasts. This program can be used to educate potential hams but is not intended as a licensing class. It is intended to educate current or future hams in the overall knowledge of ham radio. It is intended to be a focused educational tool to expand the knowledge of potential and existing hams so the hobby will be ever more enjoyable. Fundamental topics and antennas are a great starting point.

Board of Directors

Five members including a President

President (votes only as a tie-breaker)

Vice President/Secretary, Treasurer, Operations and Marketing,

Advisors as needed - Temporary non board member.

Directors as needed - May or may not be board members.

Contributors

Anyone can be a contributor

Presentations

Prerecorded Topic sessions

Reviewed by and voted on by the board

May be voted in or out of the program by a majority vote

Our material must be accurate without infringing on anyone's copyrighted material

Live Q & A sessions scheduled

Hosted by one or more of the Contributors

Could be Zoom or podcasts

Advertising and Marketing

We should market and advertise the program

We should include paying advertisers when the program becomes popular

Dedicated website

Ham Radio Education hamradioeducation.com (I suggest this name and believe it is available)

Our index page will show the module presentation Title, Presenter, Length, Date Added

The only limitation on topics is: Must be ham radio related.

Other Ham Radio Podcasts:

Ham Nation <https://www.youtube.com/c/hamnation/videos>

RRL Audio News <http://www.arrl.org/arrl-audio-news>

Amateur Radio Newsline <https://www.arnewsline.org/>

SolderSmoke Podcast <https://soldersmoke.blogspot.com/>

ICQ Amateur Radio Podcast <https://www.icqpodcast.com/>

Hap Holidays Rain Report <https://therainreport.com/rainreport.shtml>

Lenix in the Ham Shack

QSO Today www.qsotoday.com

100 Wassts and a Wire <https://100wattsandawire.com/>

ARRL On The Air

<https://player.fm/podcasts/Amateur-Radio>

Ham Radio Crash Course

<https://www.youtube.com/channel/UChAu6Cof9KlFxFxSbL9ytosQ>

100's more

Index Page Topics First Draft in black - future topics in gray (Draft)

Think of it in terms of Wikipedia recorded ham radio presentations

FUNDAMENTALS

The Rules (FCC Part 97), KG7YDJ, 39 Minutes, 8/21

Ohms Law, AE7OH, 37 minutes, 4/21

Propagation, NT7MM, 42 Minutes, 4/21

Radio Waves and Ground Effects, AG7XQ, 67 Minutes, 3/21

Components, KI7XXX, 68 Minutes, 5/21

Circuits, AE7OH, 49 Minutes, 5/21

Modulation

Band Plans

Grounding and Bonding

ANTENNA SYSTEMS

Dipoles and Monopoles, KG7OH, 41 Minutes, 5/21

Feed lines

Yagis

Antenna Modeling Software

Beverage Antenna

Vertical Antennas

Arrays

Colinniers

Zepp

EQUIPMENT

Radio Transceiver Basics

Emergency Communications

Amplifiers

Tuners

SDR

Antique Equipment

Baofeng UV Series

Flex 6800

Kenwood 590S

Icom 2900

Icom 2980

Icom 7300

Yaesu TD3000/5000/9000

HANDS ON

Soldering

Soldering Coax

Crimping Coax

OPERATIONS

Contesting

MESH Network

Moon Bounce

DXing

FT8

Morse Code/CW 35 WPM, AG7XQ, 47 Minutes, 3/21

Satellite Communications

APRS

DMR Radio

Fusion Radio

Logging

SOFTWARE

N1MM

N3FJP

LoTW

FLDigi

Ham Radio Deluxe

WSJTx

RT Systems Programming

CHIRP Programming

Other potential topics could come from the index of other published ham radio books

And On and on and on

Ron - KG7OH