

## **Newcomers and Elmers Net: Dayton Hamvention 4-13-14**

Dayton Hamvention <http://www.hamvention.org>

Flea Market

Exhibitors

Door Prizes

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### One-Day Technician Class Amateur Radio License Course At Hamvention®

Full day course to get your Technician Class Amateur Radio License right at Hamvention®, the same day!

When: Saturday 9:00 AM until 4:00 PM; Exam 4:00-5:00 PM.

Where: In the Hallway behind the Main Arena. See the Inside Exhibits booth map.

This is a full day training class for the Technician Class Amateur Radio License. STUDENTS MUST PRE-ENROLL PRIOR TO CLASS. Upon enrollment, students will receive a workbook and access to on-line pre-study materials. Everything will be taught in class, along with several exciting demonstrations of amateur radio. Exams will be conducted at the conclusion of class.

This leaves time on Sunday to do some last minute radio shopping!

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Want to see the balloon launch this year? Be sure to attend the balloon launch forum!

This year's balloon will carry a slow-scan video transmitter using Scotty-2 format on 144.360. Received video will be displayed in the Midwest VHF/UHF Society booth, SA-332 during the flight. Come watch!

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### 2014 Hamvention® Tickets

Tickets are good for all three days.

Orders received after May 5th will be held in will call at the Hara Arena box office.

Advance Admission Ticket \$20.00

Admission Ticket (at door) \$25.00

Purchase Tickets Online

Ordering Tickets By Mail - 2014 Ticket Order Form

Buy Tickets In Person After February 1, 2014

Student Tickets - 2014 Student Tickets can be requested at "Will Call" at Hara Arena

Thanks to the following vendors for making tickets available at their locations.

Tickets will be available at the advanced price until Thursday before Hamvention® unless the vendor sells out or leaves for Hamvention®.

Advance tickets are also available at Hara Arena box office during regular 9-5 sales hours through Wednesday and from 8 a.m. to 6 p.m. Thursday before Hamvention®. Regular price tickets will be on sale at the box office from 7 a.m. to 6 p.m. Friday, 7 a.m. to 5 p.m. Saturday and from 7 a.m. to 1 p.m. Sunday.

Debco Electronics & Computers Inc, Cincinnati, OH  
Mendelson's Liquidation Outlet, Dayton, OH  
Midwest Surplus, Fairborn, OH  
R & L Electronics, Hamilton, OH  
Universal Radio, Columbus, OH

All persons over 12 years of age attending Hamvention® are required to have an admission ticket. Age 12 years and under are admitted free without a ticket if accompanied by a valid ticket holder. Jr. High through High School students can obtain a free ticket at the Will Call window in Hara Arena.

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#### License Exams

Testing this year is at Basore Road Grace Brethren Church for Technician, General and Extra Class Amateur licenses. Friday May 16 testing starting at 10 AM to noon is available to anyone that does not already have an Amateur License. Testing from noon until 5 PM on Friday is for all classes of licenses. Saturday May 17 starting at 10 AM until 4 PM testing is for all classes of licenses.

Shuttle Vans will be at main entrance door #14 to the Arena. Signs will be at the area where the shuttle vans will load and unload. They will have signs in their windows. They will run every half an hour starting at 8:30 both Friday and Saturday. It is a very short ride.

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#### Events

Thursday, May 15

7:00am Contest University - Don't miss this rare opportunity to gain knowledge that may take you years of practice, trial and error or lost time to learn otherwise. Get the edge to improve your scores and put your station in the winners circle today!

8:00am FDIM - Seminars Harold Smith, KE6TI Many Ways To Homebrew  
Chris Testa, KD2BMH Battery Powered Software Radios: Having your cake  
and eating it, too George Dobbs, G3RJV The Classic World of the  
Regenerative Receiver Gary Breed, K9AY Why Does My Rig Have a Receive  
Antenna Jack? Craig Behrens, NM4T The Great Arduino, JT65 and Rebels  
Caper High adventure with new radio paradigms Dave Cripe, NM0S PoW QRP  
FDIM is the annual conference of QRP ARCI ([www.qrparci.org](http://www.qrparci.org)) but it is open  
to everyone and has activities of interest to QRPers, homebrewers,  
backpackers, contest enthusiasts . . . just about everyone will find  
something !

4:30pm FDIM - Buildathon

6:00pm 2014 Dayton RTTY Contest Dinner

6:00pm AMSAT - Dinner @ Tickets

7:00pm 2014 Contest Super Suite

7:00pm Pre-Hamvention D-Star Meet Greet and Eyeball QSO

7:00pm FDIM - Ten-Tec Presentation

8:00pm FDIM - Vendor Evening

Friday, May 16

» 2:00am 2014 Contest Super Suite

8:00am AMSAT - Amateur Satellite Demonstrations

Amateur Satellite operation demonstrations will be held outside the  
Ball Arena entrance. AMSAT will be demonstrating actual contacts with the  
operational amateur satellites every day.

8:00am D-STAR InfoCon - an all new class for those just getting started in  
D-STAR and those looking to add to their D-STAR experience. The class will  
be given by the experienced instructors of the Georgia D-STAR group

5:30pm SWODXA - DX Dinner

6:00pm TopBand Dinner - 25th Annual event

6:30pm AMSAT/TAPR Banquet

6:30pm Friday Night D-STAR

7:00pm 2014 Contest Super Suite

7:00pm Collegiate/Young Adult Ham Radio Dinner

8:00pm FDIM - QRP Club Night

Saturday, May 17

» 2:00am 2014 Contest Super Suite

8:00am AMSAT - Amateur Satellite Demonstrations

5:30pm 22nd Annual Dayton Contest Dinner

7:00pm 2014 Contest Super Suite

7:30pm FDIM - Grand banquet

Sunday, May 18

8:00am AMSAT - Amateur Satellite Demonstrations

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## Forums

9:15am TAPR Digital Forum (Room 1)

9:15am Homeland Security (Room 2)

9:15am YLRL (Room 5)

9:15am Heathkit-Test Equipment (Room 3)

10:15am Instructors Forum (Room 3)

10:30am IOS & Android (Room 5) - Investigating Bluetooth Low Energy for Rig Control from Smartphones and Tablets This forum will take a look at controlling amateur radios from portable devices like smartphones and tablets using Bluetooth Low Energy (BLE / Bluetooth Smart). He will also detail the hardware and software that make it possible to control your radio from your phone with BLE enabling DIY'ers to do it themselves.

11:00am 10-10 International (Room 2)

11:30am APRS (Room 1)

11:45am Kit Building (Room 5) - Learn all about the best ways to build kits and have the best chance of success the first time! See what kinds of kits are available right now for beginners to advanced builders.

12:15pm Baloon SAT (Room 2)

12:15pm Ham Nation (Room 3)

12:45pm D-STAR (Room 1)

1:00pm Techniques of Best Operators (Room 5) - Speakers: Mitch Stern, W1SJ, and Tony Pazzola, W2BEJ, Why does everyone else work the DX but I can't? It's probably because they attended THIS FORUM in the past! A good station certainly helps, but knowing WHAT to do when you get on the air is even more important. Our forum today will certainly help. We'll start off with some of the basics of good repeater operating, move on to the more serious matter of emergency operation, dabble with DX and finally learn how to use contests to become better operators. You won't be same operator by the end the day and will be a force to be reckoned with on the bands! Why is it such a struggle to work the W1AW portable stations? How come I can't work the juicy DXpeditions? Why is it every time I get into a QSO, it ends up getting swallowed up in a sea of QRM? Now that you've bought up all the great stuff from the Flea Market and got home and set it all up, now what do you do after you turn it on? How do you go about making contacts with others? You will be treated to lots of data, on-the-air war stories, super suggestions and then, you'll get to participate in the dreaded Hamvention QSO Party. Don't miss it!

2:00pm Collins Radio (Room 3)

2:30pm Antennas (Room 1)

2:30pm Hams in Space (Room 2) - Get on the Air with the FM Amateur Radio Satellites Often this can be achieved with equipment you might already possess, or by obtaining a few specialized, inexpensive items. While

explaining these techniques, an emphasis of Keep it Simple and Have Fun is stressed throughout!

2:30pm ARRL at 100 - A Century of Ham Radio (Room 5)

3:45pm Advances in Software Defined Radio (Room 3)

3:45pm Introduction to Digital Mobile Radio (Room 5)

4:00pm County Hunting (Room 2)

Saturday, May 17

9:15am Youth Forum (Room 1)

9:15am Getting Started with Antenna Modeling (Room 5)

9:15am Disappearing Ham Radio History... Hope for the Future. (Room 3)

9:15am Ham Radio Deluxe (Room 2)

10:30am ARRL at 100 -- A Century of Ham Radio (Room 3)

10:30am Drake Equipment (Room 2)

11:15am AMSAT Forum (Room 5)

11:45am Fast Scan ATV (Room 2)

12:00pm Ham Classroom Secrets , From Gordo! (Room 3)

12:30pm Contesting (Room 1)

1:15pm ARRL Member Forum (Room 3)

1:45pm Ham Radio Town Meeting: "The History of Ham Radio as told in Film and Video" (Room 5)

2:15pm Linux & Micro-Controllers/Projects--Intro to Embedded Linux Hardware and Software for Ham Radio Projects (Room 2)

2:30pm Impedance Matching 101 (Room 3)

2:45pm DX Forum-Sponsored by the SouthWest Ohio DX Association and Yaesu (Room 1)

3:15pm 2014 VHF/UHF Microwave Forum (Room 5)

3:30pm NTS/NTSD (Room 2)

3:45pm Joint Service Military Auxillary Radio System (MARS) Forum (Room 3)

Sunday, May 18

9:15am Happy Birthday ARRL! (Room 1)

9:15am Introduction to Smith Chart Software (Room 2)

9:15am Radio Restoration: Collecting and Restoring Ham Radios of the Past (Room 3)

9:30am Bicycle Mobile (Room 5)

10:30am ARES (Room 3)

10:30am Kenwood Legacy Hybrid Equipment (Room 2)

10:30am Tower Safety (Room 1)