

# EARN YOUR RADIO LICENSE IN ONE DAY!

Sunday, April 16, 2006

8:45 am - 3:00 pm

San Francisco County Fair Building Hall of Flowers - Rec Room  
9th Avenue and Lincoln Way

Ample free parking. Great lunch restaurants nearby.

Bring 2 IDs (one with picture), a pencil and

\$20 in cash for study materials and test **OR**

\$14 for test only (general, extra, Morse tests available too).

Questions to [dave1@wcf.com](mailto:dave1@wcf.com). Drop-ins OK. Don't be late!

Beginners' self-study starts 9:00AM. Exams at 11AM, 2PM, 3PM.

No need for advance preparation, our method does it in 6 hours.

**NEW!** General exam class at 9:15AM (if you are already licensed) **NEW!**

Next test not until June, 2006. Latest info: [wcf.com/sfares/exams](http://wcf.com/sfares/exams)

Passing this test will get you a ham radio license from the FCC good for 10 years. You will be able to use:

- local repeaters for Bay Area communication,
- Echolink for Internet-based radio,
- satellite and moon-bounce,

and if license restructuring goes through, you may be grandfathered to use international shortwave frequencies for global communication!

Come and join the great world-wide community of ham radio.

Sponsors/supporters:

SF Neighborhood Emergency Response Team

San Francisco Fire Department

SF Amateur Radio Emergency Service

SF Amateur Radio Club

Bay Area Red Cross

Salvation Army

more info follows

W5YI-VEC

How our system works:

Ross Patterson learned that short term memory was a fantastic aid for retaining answers to test questions for an hour or two. From this he devised his famous "ham cram", which consists of rapid scanning of questions and answers for just a few hours, then sitting down and taking the test. His method has consistently achieved pass rates of 70-95%.

This method does NOT teach you how to be a radio operator, or even the material which underlies the test questions.

This method focuses on your **PASSING** the test. This is step one in becoming a ham radio operator.

Step 2 is to buy a radio, and Step 3 is to learn how to use it. We sell an inexpensive book to help with Step 3 right after the exam.

Step 4 is to get on the air, and get experience checking into nets that are used for preparedness and drill. As you progress in Step 4, you may wish to act as net control for a net some evening.

But first things first-get your license. And that is what this day's activities are all about.

Because the test focuses on **SHORT TERM** memory, there is little purpose in getting the test materials in advance. If you want to do some advance preparation, get hold of a high-school physics book and read the part about the relationship between wavelength and frequency. Or:

Wavelength x Frequency = Velocity

For radio waves, we use the velocity of light, 300 million meters per second. If we measure frequency in Megahertz (1 million cycles per second), then the formula becomes meters x megahertz= 300. So if I ask you what is the wavelength of a 150 Megahertz signal, the answer is 2m. If you need to convert meters to feet, multiply by 3 and add 10%. A half-wave antenna has one-half wavelength elements. A conventional dipole has 1/4 wavelength elements.