



Free FCC Technician License Class

The BNL Amateur Radio Club will be holding a multi-week course where you can learn everything you need to earn your **Technician** (Entry Level) **FCC Amateur Radio License**.

The FCC Amateur Technician license is your gateway to the world-wide excitement of Amateur Radio. ... and no you do NOT need to learn Morse Code!

Classes begin on September 9th, 2015 at noon in the Building 515, ITD Seminar Room. Classes will meet on Monday and Wednesday during the lunch time. Brown bag lunches are welcome but avoid crunchy foods if possible.

Registration is required so call now to reserve your spot. We only have room for 30 students.

What You Will Learn

- Why Amateur Radios work when all other communication systems fail.
- Why Emergency Management offices around the country use Amateur Radio as a backup system.
- About the exciting world of Amateur Radio
- Radio and Signal Fundamentals
- Electricity, components and circuits
- Antennas and Radio Propagation
- The different types of Amateur Radio Equipment
- FCC Amateur Licensing Regulations
- Amateur Operating Regulations
- Electrical Safety
- and much more!

For Information Contact : Gary Stevens (KE2GS) at extension 7779 or email gstevens@bnl.gov



When it comes to reliable communications, nothing comes close to Amateur Radio (Ham Radio). The bands allocated for amateur operators span across HF, VHF and UHF. This makes it possible to talk to others around the globe and even beyond. There are amateur satellites orbiting the earth, and there is even an amateur station onboard the International Space Station. You can make new friends that are literally out of this world!

Indeed, what other hobby can boast that you can actually talk to astronauts as they orbit the earth or bounce a signal off the moon and talk to someone else 12,000 miles away?

Until recently many would be HAMS shunned away from the hobby because of the Morse Code requirements and the high

cost of equipment. The good news is that this has all changed.

Morse code is now optional and not a requirement for any license class. A new generation of low cost transceivers facilitate beginners to enjoy communications for as little as \$30 including tax and shipping.

So for less than \$50, and an FCC Amateur License with Technician privileges and you could actually talk to the International Space Station Crew, have emergency communications even when the cell towers are down, and make many new friends. What can be better than that?

Register Today!

The class is offered free for all lab employees and family members both on and off site. It will be held during Lunch in Building 515 on the second floor ITD Seminar

Room. It will run from September 9th until November 18th. During the last class, the FCC exam will be administrated. A passing grade of 74% is required to be awarded a license. There is no limit as to the number of times you can take the exam but each exam is derived from a pool of questions and therefore different.

We will be using "The ARRL Ham Radio License Manual" (Third Edition) as a textbook for this course. Although it is not a requirement for the course, it is highly recommended. It is available online as well as in local bookstores.

We can also make special arrangements for handicapped students that are unable to physically attend class..

To Register Contact : Gary Stevens (KE2GS) at extension 7779 or email gstevens@bnl.gov