

# Get Your License in One Day!

Here is what to do to prepare for the licensing test. This will take very little of your time but if you follow the instructions carefully, you will pass the Technician level exam.

## Get the Question Pool

1. Download the question pool:
  - a. <http://www.ncvec.org/downloads/2006tech.pdf>
  - b. <http://www.ncvec.org/page.php?id=349>
  - c. <http://www.arrl.org/arrlvec/pools.html>
2. Print out the question pool.
3. Study the question pool as described below

## How to Study the Question Pools

We've isolated the **KEYS to success**. If you'll master them, you'll achieve maximum efficiency in your test. They maximize your short-term memory.

1. **Do not think, or try to understand.** Your **ONLY** objective is to match questions to answers in a session. Feeling that you **MUST** understand the question is a serious hindrance. You will answer fewer questions by insisting that you understand. Trust your short-term memory, it is very good. Our success rate proves that it works.
2. **Read ONLY the question, then ONLY the RIGHT answer.** If you read the wrong answers it will confuse your short-term memory. You'll have more chance of recognizing the correct answer if it is the only one you have read. The correct answer is shown clearly on the question pool printout.
3. **Use a highlighter pen.** Highlighting answers is an efficient use of time.
4. **Go over each section several times if possible.** Read rapidly enough to be able to go back over each section more than once. Rapid repetition improves short-term memory. Remember, don't think or try to understand. Federal law expects you to learn what the questions mean by the active experience of being a ham, not before you get your license. What the law requires (and tests) is that you have thoroughly read the rules.
5. **Test yourself** with the online exams until you consistently score 88% – 90%. Remember, you only need 70% on the actual exam to pass. The online exams are located at:

<http://aa9pw.com/> (highly recommended site)

<http://www.eham.net/exams/> (another very good site)

The online tests that are generated at the websites above are **identical** to actual FCC tests. The generated tests sample the question pool in exactly the same manner as the FCC test generation program. They are exactly as long as a real exam (35 Multiple choice questions). Each particular FCC test is different, but they all have the same number of questions from each section. If you can pass the generated tests, you will pass the FCC exam!

It is also possible to study for the higher level licenses (General and Extra) in exactly the same manner. True learning about amateur radio will take place once you have your license in hand. "Practice makes perfect."

To learn more about what amateurs do: <http://www.hello-radio.org/>  
**ARCND Website:** [www.nd.edu/~arcnd](http://www.nd.edu/~arcnd)

# Amateur Radio Club of Notre Dame (ARCND)...

## What Can You Do With Your First Amateur License?

- **Talk around campus** - With small portable VHF and UHF handheld transceivers amateurs enjoy extremely reliable communications within their local community. We have more than a dozen excellent repeaters in the South Bend/Mishawaka/Elkhart area. One is the Notre Dame repeater: ND1U! These repeaters extend your handheld's signal so that you can speak with other amateurs throughout Northern Indiana and Southern Michigan. There are over 15,000 repeaters in the United States alone (and many more abroad that you can access legally with your United States Amateur Radio license).



- **Order pizzas** - It used to be a long standing joke around amateur radio operators about *what you can not do* over ham radio ... It's perfectly legal! You can call your favorite pizzeria on your ham radio and order take-out dinner on the way home from work using a repeater [autopatch](#) (an autopatch connects a repeater to the phone lines allowing you to place local telephone calls much like using a cell phone). You may use your radio for calling your friends, the police, emergency road-side assistance, 911 and other telephone-linked services.

- **Talk around the world** - Even with your handheld transceiver you are able to access repeaters throughout the world using [IRLP](#) (Internet Radio Linking Project) or [Echolink](#). Sitting in your dorm room you could speak directly with another amateur in London, Sydney, or Buenos Aires! The Notre Dame ND1U repeater has IRLP capability!

- **Communicate with the [International Space Station \(ISS\)](#)**. Many of

the amateurs in the Michiana Amateur Radio Club have already completed contacts with our astronauts. One 16 year-old club member accomplished this with just his handheld transceiver and the short "rubber duck" antenna. All American astronauts hold amateur licenses; American Astronaut Peggy Whitson visited with MARC club members two years ago after the club arranged a school contact while she was aboard the ISS.

- **Packet radio** - The internet over ham radio? Not really ... but ham radio operators enjoy [a digital network of their own](#), all without wires! The ISS has a packet station and you can leave "mail" for the astronauts; it's easier than it sounds! ARCND members can teach you how it's done!
- **International Morse Code** - **Forget it** ... You can get a license without knowing one dit or dah of [Morse code](#). If you want to, though, it's not only allowed but some ARCND members are quite expert at sending and receiving Morse; they would be happy to demonstrate Morse or teach it to you.
- **Emergency and other volunteer services** - Floods, hurricanes, mud slides, earthquakes, ice storms ... Whenever 'normal' communications go out, amateurs are ready to use their radios to provide emergency communication services to their communities. Local amateurs aid the National Weather Service as "weather spotters," other amateurs help with parades and marathon communications like the South Bend Tribune's Sunburst Marathon, amateurs provide communication assistance to the Red Cross, and some local amateurs help in the hunt for downed aircraft (downed aircraft have emergency transponders).
- **Foxhunting** - "[Foxhunting](#)" is also called "radio direction finding" or "transmitter hunting." One amateur is the fox and transmits from a hidden location; other amateurs see who can locate the "fox" first! ARCND holds frequent foxhunts. Foxhunts on campus are an exciting way to see previously "unseen" parts of the campus!
- **Slow Scan TV** - [Send pictures](#) around the world for little or no cost.
- **Contests** - You can put your radio operating skills up against other hams and teams of hams. There is a special University Club contest each year sponsored by the ARRL.
- **Satellite communications** - Amateurs have [their own satellites](#) ... really! Amateur satellites are easy to use too. ARCND club members conduct a satellite contact each semester.
- **Traffic handling** - "Amateur telegrams" are used to send messages to people around the world at no cost to the sender or the recipient; all done by ham radio operators volunteering their time and resources.



**More Information about ARCND:** [arcnd@nd.edu](mailto:arcnd@nd.edu) or [keating.1@nd.edu](mailto:keating.1@nd.edu)