

Technician Licensing Class

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Special thanks to K3DIO

The Plano Amateur Radio Klub (TX)

Much of this material is from them



Background: About WS6Z

- Davis, CA CERT member
- Yolo ARES AEC
- M.S. In Electrical Engineering
- Geek

Class Format

- The test(s) questions are “grouped”
- Many Classes center on questions
- But the topics overlap
- This class will teach understanding
 - Not answering the questions directly
- End-of-day goal:
 - Have the knowledge to take the test
 - Have study sheets for memorization
 - Know what to do next

Test Background: Technicians

- 392 questions in the “pool”
 - You'll be asked 35
 - Need 75% correct to pass
 - These questions will change July 2010
 - 400 questions in the new pool
- 2010 Fee is \$15
- Can usually try again the same day
 - But must pay another fee

Example Question: T8B07

What could be used as an alternate source of power to operate radio equipment during emergencies?

- A. The battery in a car or truck
- B. A bicycle generator
- C. A portable solar panel
- D. All of these answers are correct

Good News / Bad News

- Good News!
 - Nearly everyone passes
 - Get a copy of the questions/answers
 - Many of the questions are common sense
 - Many are easy if you know the theories
 - Tons of resources online
 - Tons of places to take the test
 - It's fun!
- Bad News...
 - You need to memorize some answers

Test Sections

T1 - FCC Rules, station license responsibilities

T2 - Control operator duties

T3 - Operating practices

T4 - Radio and electronic fundamentals

T5 - Station setup and operation

T6 - Communications modes and methods

T7 - Special operations

T8 - Emergency and Public Service Communications

T9 - Radio waves, propagation, and antennas

T0 - Electrical and RF Safety

Today's Information Overload

- How-To: operate and use a HAM Radio
- Rules you must follow
- Electronics and Antenna Theory
- Safety
- Communication Modes
- Special Operation
- Next Steps!

Questions?

