

## Video practice with test question for that topic

Here's a clickable, topic-matched study guide that pairs YouTube videos with specific Technician exam topics/sub-elements (based on the FCC question pool structure and common Crash Course videos). You can use this to watch the video then immediately review related practice test questions from the official Technician question pool. [hamradioschool+1](#)

 Technician License Video → Practice Question Map

### T1 – FCC Rules & Regulations

Topics Covered:

- Purpose of Amateur Radio
- FCC licensing rules
- Operator responsibilities
- Call signs

 Video:

 Ham Radio Technician License Prep: Sub-Element 1 (2022–2026) — covers FCC rules, license basics, call signs, privileges. [YouTube+1](#)

 Practice Topics to Study After Watching:

- T1A: Purpose, allowed use, amateur service basics
- T1B: Frequency allocations, modes, sharing
- T1C: Licensing rules (call signs, renewal, grace period)
- T1D: Control operator duties and responsibilities  
(Use your question bank/flashcards for T1A01–T1D11 in the FCC pool.) [hamradioschool](#)

### T2 – Operating Procedures

Topics Covered:

- Control operator duties
- Operating practices
- Repeater usage
- Phonetics & CQ calling

 Video:

 Crash Course Playlist (watch sections on repeaters/operating etiquette) — the general Crash Course playlist includes T2 material. [YouTube](#)

 Practice Topics to Study After Watching:

- T2A & T2B question groups in the pool → Operating basics & control operator duties. [hamradioschool](#)

### T3 – Radio Waves & Propagation

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Topics Covered:

- How radio waves behave
- Frequency vs wavelength
- Propagation basics

 Video:

 Parts of the Crash Course playlist that discuss frequency, wavelength, propagation.

[YouTube](#)

 Practice Topics to Study After Watching:

- Sub-element T3 (radio wave characteristics & propagation) from the exam pool. [hamradioschool](#)

 T4–T5 – Electronic Fundamentals

Topics Covered:

- Voltage, current, resistance
- Ohm's Law basics
- Circuit components

 Video:

 Crash Course playlist sections on electrical and circuit basics. [YouTube](#)

(These often aren't single videos — watch the Crash Course parts that explain circuits, voltage, and resistance.)

 Practice Topics to Study After Watching:

- Sub-element T4 & T5 items in the question pool (basic electronics). [hamradioschool](#)

 T6 – Signals & Modes

Topics Covered:

- SSB, FM, digital modes
- Bandwidth, modulation

 Video:

 Ham Radio Technician License Prep: Sub-Element 8 (2022–2026) — focuses on modes like FM, SSB, and digital. [YouTube](#)

 Practice Topics to Study After Watching:

- Sub-element T6 items in the question pool (signals & modes). [hamradioschool](#)

 T7/T8 – Antennas & Practical Operation

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Topics Covered:

- Antenna basics
- Feed lines & SWR
- Practical operating topics

 Video:

 Crash Course Playlist sections on antennas and repeaters — covers T7 topics like SWR and coax. [YouTube](#)

 Practice Topics to Study After Watching:

- Sub-element T7 & T8 from the question pool (antenna fundamentals). [hamradioschool](#)

 How to Use This Map Effectively

1. Watch the video for a sub-element topic (e.g., T1). [YouTube](#)
2. Immediately drill practice questions from that same sub-element in your study app or flashcard tool (e.g., HamStudy or ARRL PDFs). [Ham Village](#)
3. Review explanations for why each answer is correct/incorrect.
4. Repeat for the next sub-element.

 The FCC Technician question pool is publicly available and organized by sub-element (e.g., T1A, T2A, etc.), so you can specifically match questions to what you watched. [hamradioschool](#)

 Recommended Practice Resources (Pair With Videos)

- HamStudy.org — flashcards & practice tests exactly from the current pool. [Ham Village](#)
- ARRL Tech Question Pool PDF — official questions with answers and reference numbers. [ARRL](#)