## **Study Sections**

- Introduction to Ham Radio
- Properties of Waves
  - Wave Modulation Math (optional)
  - Digital Concepts (optional)
- Math Basics
- Operation and Procedures (B-002)
  - Ham Codes
  - VHF/UHF Operation and Procedures
  - HF Operation and Procedures
  - Emergency Operation and Procedures
- Radio Wave Propagation (B-007)
  - Polarization
  - Refraction, Reflection, Scattering, Diffraction, Interference
  - Propagation
- Station Assembly, Practice and Safety (B-003)
  - Station Assembly
  - Practice Under Construction: VA7FI
- Basic Electronics and Theory (B-005)
- Circuit Components (B-004)
- Feedlines and Antenna Systems (B-006)
- Interference and Suppression (B-008)
- Regulations and Policies (B-001) Under Construction: VA7FI