

**2019 CARA Technician License Class Schedule**  
**March 16, 2019**

Charles Campbell, K4AFN

**1 Welcome to Amateur Radio**

- 1.1 What is Amateur Radio
- 1.2 The FCC and Licensing
- 1.3 Amateur Radio Activities
- 1.4 Getting Your Ham Radio License

**2 Radio and Signals Fundamentals**

- 2.1 Radio Signals and Waves
- 2.2 Radio Equipment Basics

**3 Electricity, Components, and Circuits**

- 3.1 Electricity
- 3.2 Components and Units
- 3.3 Components and Units

**March 23, 2019**

**5 Amateur Radio Equipment**

- 5.1 Modulation
- 5.2 Transmitters and Receivers
- 5.3 Digital Communications
- 5.4 Power Supplies and Batteries

**6 Communicating With Other Hams**

- 6.1 Band Plans
- 6.2 Making Contacts
- 6.3 Using Repeaters
- 6.4 Nets

**March 30, 2019** (Combined with General License Class)

**7 Licensing Regulations**

- 7.1 Licensing Terms
- 7.2 Bands and Regulations
- 7.3 International Rules
- 7.4 Call Signs

**9 Safety**

- 9.1 Electrical Safety
- 9.2 Managing RF in Your Station
- 9.3 RF Interference (RFI)
- 9.4 RF Exposure
- 9.5 Mechanical Safety

**April 6, 2019** (Combined with General License Class)

**4 Propagation, Antennas, and Feed Lines**

- 4.1 Propagation
- 4.2 Antenna and Radio Wave Basics
- 4.3 Feed Lines and SWR
- 4.4 Practical Antenna Systems

**April 13, 2019**

**8 Operating Regulations**

- 8.1 Control Operators
- 8.2 Identification
- 8.3 Interference
- 8.4 Third-party Communications
- 8.5 Remote and Automatic Operation
- 8.6 Prohibited Transmissions

**Review and practice exams**

**10 Glossary**  
Sessions)

(Reference for all

**11 Technician Class Exam Question Pool**  
Sessions)

(Reference for all