

SFARC SPRING 2024 TECHNICIAN CLASS SCHEDULE



April 23 through May 28, 2024
 Tuesday Evenings
 7 PM - 9 PM via ZOOM



ZOOM Meeting Information

<https://us06web.zoom.us/j/87516546005?pwd=Qm9yb1pJazhjSUtqZE9uWW54dkdXdz09>

Meeting ID: 875 1654 6005

Passcode: GetLicense

Session	Date	Main Topic	Homework	KE0OG Video
1	4/23/24	Welcome & Course Overview Chapter 1 Introduction 1.1 What is Amateur Radio 1.2 The FCC and Licensing 1.3 Amateur Radio Activities 1.4 Getting Your Ham Radio License Chapter 2 Operating Practices 2.1 Radio Signals and Waves 2.2 Radio Equipment Basics	Read Chapter 3 - Electricity, Components, ... Apply for FRN number (If you haven't) Setup ARRL On-Line Practice Account Setup Hamstudy.org Account	Section 2.1 Radio Signals & Waves Section 2.2 Radio Equipment Basics
2	4/30/24	Chapter 3 Electricity, Components, & Circuits 3.1 Electricity 3.2 Components and Units 3.3 Radio Circuits	Read Chapter 4 - Propagation, Antennas, ... Read Chap. 5.1 Modulation Read Chap. 5.2 Transmitters & Receivers	Section 3.1 Electricity Section 3.2 Components & Units Section 3.3 Radio Circuits
3	5/7/24	Chapter 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 System Chapter 5 Amateur Radio Equipment 5.1 Modulation 5.2 Transmitters and Receivers	Read Chap. 5.3 Digital Communications Read Chap. 5.4 Power Supplies & Batteries Read Chap. 6.1 Band Plans Read Chap. 6.2 Making Contacts Read Chap. 6.3 Using Repeaters Read Chap. 6.4 Nest Read Chap. 6.5 Comm. for Public Service	4.1 Propagation 4.2 Antenna & Radio Wave Basics 4.3 Feed Lines & SWR 4.4 Practical Antenna System 5.1 Modulation 5.2 Transmitters & Receivers
Lab #1	5/11/24	Get On The Air! Simplex Communications w/HTs Repeater Communications Setting up a Portable Station		

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Session	Date	Main Topic	Homework	KE0OG Video
4	5/14/24	Chapter 5 Amateur Radio Equip. (Continued)		
		5.3 Digital Communications	Read Chap. 6.6 Satellite Operating	5.3 Digital Communications
		5.4 Power Supplies and Batteries	Read Chapter 7 Licensing Regulations	5.4 Power Supplies & Batteries
		Chapter 6 Communication with Other Hams		
		6.1 Band Plans	Read Chap. 8.1 Control Operators	6.1 Band Plans
		6.2 Making Contacts	Read Chap. 8.2 Identification	6.2 Making Contacts
		6.3 Using Repeaters	Read Chap. 8.3 Interference	6.3 Using Repeaters
		6.4 Nets	Listen to Coffee Break Net via Broadcastify	6.4 Nets
		6.5 Communications for Public Service		6.5 Comms for Public Service
5	5/21/24	Chapter 6 Communication w/Other Hams (Cont'd)		
		6.6 Satellite Operating	Read Chap. 8.4 Third-Party Communications	6.6 Satellite Operating
		Chapter 7 Licensing Regulations		
		7.1 Licensing Terms	Read Chap. 8.5 Remote & Automatic ...	7.1 Licensing Terms
		7.2 Bands and Privileges	Read Chap. 8.6 Prohibited Transmissions	7.2 Bands & Privileges
		7.3 International Rules	Read Chapter 9 Safety	7.3 International Rules
		7.4 Call Signs		7.4 Call Signs
		Chapter 8 Operating Regulations		
		8.1 Control Operators		8.1 Control Operators
		8.2 Identification		8.2 Identification
		8.3 Interference		8.3 Interference
				Bonus: 1/4 Wave Antenna Build

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Session	Date	Main Topic	Homework	KEOOG Video
6	5/28/24	Chapter 8 Operating Regulations (Continued) 8.4 Third-Party Communications 8.5 Remote & Automatic Operation 8.6 Prohibited Transmissions Chapter 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	Take Technician Exam! www.hamstudy.org/sessions	8.4 3rd Party Communications 8.5 Remote & Automatic Operation 8.6 Prohibited Transmissions 9.1 Electrical Safety 9.2 Managing RF in Your Station 9.3 RF Interference 9.4 RF Exposure 9.5 Mechanical Safety
Cram	5/31/24	Tech Cram Session Focus Study on Test Questions to Prepare for Test		
Lab #2	6/1/24	Antenna Build Build 2 meter 450 Ohm Ladderline J-Pole Test Antenna using NanoVNA Learn Basic Soldering		