

2022 SFTARC General Class Syllabus						
Date/Class #	Begin	End	Instructor	Alternate	Section	Description
1/8/2022					1	Introduction
	9:00		Andera			Class Introduction
1	9:20		Darby	Andera	1.1	The General Class License and Amateur Radio
					1.2	How to Use this Book
		10:00			1.3	The Upgrade Trail
	10:00	10:15				Break
	10:15		Darby	Andera	2	Procedures & Practices
					2.1	HF Operating Techniques
		11:20			2.2	Emergency Operation
	11:20	11:30	Andera			ARRL on-line practice
	11:30	12:00				Metric System/Math Review
1/15/2022			Darby	McCarville	3	Rules & Regulations
	9:00				3.1	Regulatory Agencies
2					3.2	Amateur Licensing Rules
		10:15			3.3	Control Operator Privileges
		10:15	10:30		3.4	Technical Rules and Standards
	10:30	12:00	McCarville	Hall	4	Components & Circuits
					4.1	Power and Decibels
				4.2	AC Power	
				4.3	Basic Components	
1/22/2022			Hall	McCarville	4	Components & Circuits (Cont.)
3	9:00				4.4	Reactance and Impedance
		10:15			4.5	Active Components
	10:15	10:30				Break
	10:30	12:00			4.6	Practical Circuits
					4.7	Basic Test Equipment
1/29/2022			Hall	Andera	5	Radio Signal & Equipment
4	9:00				5.1	Basic Modes and Bandwidth
					5.2	Radio's Building Blocks
		10:15			5.3	Transmitters
	10:15	10:30				Break
	10:30				5.4	Receivers
		12:00			5.5	HF Station Installation
2/5/2022			Wolfe	Darby	6	Digital Modes
5	9:00				6.1	Basic Digital Modes
					6.2	Character-Based Modes
		10:15			6.3	Packet-Based Modes and Systems
	10:15	10:30				Break
	10:30				6.4	Receiving and Transmitting Digital Modes
		12:00			6.5	Digital Operating Procedures
2/12/2022			Andera	McCarrville	7	Antennas
6	9:00				7.1	Dipoles, Ground-planes
		10:15			7.2	Yagi Antennas
	10:15	10:30				Break
	10:30				7.3	Loop Antennas
					7.4	Specialized Antennas
		12:00			7.5	Feed Lines
2/19/2022			Andera	McCarrville	8	Propagation
7	9:00				8.1	The Ionosphere
					8.2	The Sun
		10:15			8.3	Scatter Modes
	10:15	10:30				Break
	10:30		McCarville	Andera	9	Electrical & RF Safety
					9.1	Electrical Safety
				9.2	RF Exposure	
		12:00			9.3	Outdoor Safety
2/26/2022	9:00		All			W5YI Testing Session & Practical Information
3/5/2022	9:00	10:30	-			Snow day option