

GENERAL CLASS SYLLABUS

2019 SFTARC General Class Syllabus						
Date/Class #	Begin	End	Instructor	Alternate	Section	Description
2019-01-05					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
		10:15			1.3	The Upgrade Trail
	10:15	10:00				Break
	10:30		Darby	Andera	2	Procedures & Practices
				2.1	HF Operating Techniques	
		11:45		2.2	Emergency Operation	
	11:45	12:00	Andera			ARRL on-line practice
2018-01-12			Darby	McCarville	3	Rules & Regulations
	9:00				3.1	Regulatory Bodies
2					3.2	Amateur Licensing Rules
					3.3	Control Operator Privileges
		10:15			3.4	Technical Rules and Standards
	10:15	10:30				Break
	10:30	12:00	McCarville	Hall	4	Components & Circuits
				4.1	Electrical Review	
				4.2	AC Power	
				4.3	Basic Components	
2019-01-19			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
2019-01-26			Hall	Andera	5	Radio Signal & Equipment
4	9:00				5.1	Signal Review
					5.2	Radio's Building Blocks
		10:15			5.3	Transmitter Structure
	10:15	10:30				Break
	10:30				5.4	Receiver Structure
	12:00			5.5	HF Station Installation	
2019-02-02			Wolfe	Hall	6	Digital Modes
5	9:00				6.1	Introduction to Digital Modes
					6.2	Digital Basics
		10:15			6.3	Character-Based Modes
	10:15	10:30				Break
	10:30				6.4	Packet-Based Modes
		12:00			6.5	Receiving and Transmitting Digital Modes
				6.6	Digital Operating Procedures	
2019-02-09			Andera	McCarville	7	Antennas
6	9:00				7.1	Antenna Basics
					7.2	Dipoles, Ground-planes and Random Wires
		10:15			7.3	Yagi Antennas
	10:15	10:30				Break
	10:30				7.4	Loop Antennas
		12:00			7.5	Specialized Antennas
				7.6	Feed Lines	
2019-02-16			Andera	Andera	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	Asselta	9	Electrical & RF Safety
				9.1	Electrical Safety	
				9.2	RF Exposure	
	12:00			9.3	Outdoor Safety	
2019-02-23	9:00		All			W5YI Testing Session & Practical Information
2019-03-02	9:00	10:30	-			Snow day option