

ARRL General Class License Manual
9th edition
Table of Contents and General License Course Outline

1		Introduction	page
	1.1	The General Class License and Amateur Radio	1-1
	1.2	How to Use this Book	1-5
	1.3	The Upgrade Trail	1-9
2		Procedures and Practices	
	2.1	HF Operating Techniques	2-1
	2.2	Emergency Operation	2-15
3		Rules and Regulations	
	3.1	Regulatory Bodies	3-1
	3.2	Amateur Licensing Rules	3-3
	3.3	Control Operator Privileges and Rules	3-7
	3.4	Technical Rules and Standards	3-14
4		Components and Circuits	
	4.1	Power and Decibels	4-1
	4.2	AC Power	4-5
	4.3	Basic Components	4-7

	4.4	Reactance and Impedance	4-18
	4.5	Active Components	4-23
	4.6	Practical Circuits	4-31
	4.7	Basic Test Equipment	4-40
5		Radio Signals and Equipment	
	5.1	Basic Modes and Bandwidth	5-1
	5.2	Radio's Building Blocks	5-3
	5.3	Transmitters	5-7
	5.4	Receivers	5-15
	5.5	HF Station Installation	5-20
6		Digital Modes	
	6.1	Basics of Digital Modes	6-1
	6.2	Character-Based Modes	6-4
	6.3	Packet-Based Modes and Systems	6-6
	6.4	Receiving and Transmitting Digital Modes	6-9
	6.5	Digital Operating Procedures	6-12

7		Antennas	
	7.1	Dipoles, Ground-planes	7-1
	7.2	Yagi Antennas	7-8
	7.3	Loop Antennas	7-13
	7.4	Specialized Antennas	7-16
	7.5	Feed Lines	7-19
8		Propagation	
	8.1	The Ionosphere	8-1
	8.2	The Sun	8-7
	8.3	Scatter Modes	8-12
9		Electrical and RF Safety	
	9.1	Electrical Safety	9-1
	9.2	RF Exposure	9-9
	9.3	Outdoor Safety	9-14