

SPARC Technician Class – September 2018

Twelve (12) hours of class cover all sub-elements of the technician class licensing test. The class material/presentation is the current version of the K3DIO instructor presentation.

Element – Description	Sub Elements	Briefing Pages	Start Time	Duration	Instructor
Saturday					
T1 – FCC Rules, descriptions and definitions for the Amateur Radio Service, operator and station license responsibilities	6	118	0800	1:30	Paul, K4PDF
T2 - Operating Procedures	3	63	0930	1:00	Earl, KB0NRK
T8 – Modulation modes: amateur satellite operation; operating activities; non-voice communications	4	80	1030	1:00	Earl, KB0NRK
Lunch			1130	1:00	
T7 – Station equipment: common transmitter and receiver problems; antenna measurements; troubleshooting; basic repair and testing	4	81	1230	1:00	Tod, KN4BGX
T3 – Radio wave characteristics: properties of radio waves; propagation modes	3	60	1400	1:00	Bill, K4UPE
T4 - Amateur radio practices and station set up	2	41	1500	0:30	Bill, K4UPE
T5 – Electrical principles: math for electronics; electronic principles; Ohm’s Law	4	96	1530	1:00	Henry, K2BFY
End of Saturday Class			1630		
Sunday					
T0 – Electrical safety: AC and DC power circuits; antenna installation; RF hazards	3	60	0800	1:00	Tod, KN4BGX
T6 – Electrical components: semiconductors; circuit diagrams; component functions	4	75	0900	1:00	Monte, KV4KS
T9 – Antennas and feed lines	2	42	1000	1:00	Monte, KV4KS
Practice Exams			1100	1:00	
End of Sunday Class			1200		
Lunch			1200	1:00	
Examination					
			1300		