

**Sterling Park Amateur Radio Club (SPARC)
Technician License Preparation Class: 24-25 September 2022**

1. The Sterling Park Amateur Radio Club (SPARC) will conduct a Technician License Preparation Class.
2. **Date/Time:** Saturday and Sunday, 24-25 September 2022.
Class: Saturday 24 Sep 2022: 0800 – 1730 hrs. Sunday 25 Sep 2022: 0800 – 1200 hrs.
Licensing Exam: Sunday 25 Sep 2022: 1300 hrs. (for class members) and 1400 hrs. (for exam-only candidates)
Please see separate registration and other instructions for the Licensing Examination!
3. **Venue:** Loudoun County Sheriff's Office, Eastern Loudoun Station, 46620 E. Frederick Drive, Sterling, VA 20164
4. **Attendees:** All interested persons are invited to participate in the Technician License Preparation Class. Please note: (1) classroom space is limited, so prior registration is required, (2) social distancing will be maintained, and (3) ALL Class participants and Instructors are required to wear masks indoors at all times.
5. **Fees:** There is no fee for participation in the Technician License Preparation Class.
6. **Coordinator:** The Class Coordinator is Amitabha "Amit" Mukherjee, WY2Z, amit5201@gmail.com. Intending participants should please email him to register for the Class.
7. **Pre-class study:**
Students are advised to read a Technician License Class study guide: the recommended material can be accessed free at:
ARRL: https://learn.arrl.org/courses/?pathPage=%2Farrl%2Fcourses%2F35902%2Fvideo_presentations%2F212591
W5YI Group: https://www.w5yi.org/catalog_details.php?pid=79&sort=4
Dave Casler Technician License Series (37 videos by Dave Casler, KE0OG) covering the Tech syllabus: click on https://www.youtube.com/playlist?list=PLuapIzKwhZN_30dcgsDbGU3J7C8BAYJcG Students are not required to bring the study guide to the class.
Online Practice Exams are available and may be used by students. Several sites are available, such as:
<https://www.qrz.com/hamtest/> <https://hamexam.org/exam/18-Technician>
https://hamexam.org/flash_cards/18-Technician <https://www.eham.net/exams/test?pool=T>
8. **Radio demonstration:** Kevin, W4KLS **Antenna demonstration:** Larry, W8ANT
9. **Instructor-Guided Class:** Twelve (12) hours of class cover all sub-elements of the Technician Class Licensing Examination. The class material/ presentation is the current version of the K3DIO instructor presentation.
10. **Refreshments** (Coordinator: Amit WY2Z):
 - a. Donuts & coffee prior to beginning of class each day: 2 dozen donuts daily; 1 30-cup pot of regular coffee daily.
 - b. Soft drinks: 1 case water, 2 cases (24 each) soda placed in cooler with ice.
 - c. Disposables: Spare masks, hand sanitizer, roll of paper towels, disposable cups, trash bags.
11. **Lunch:** Participants should provide for their own daily lunch: they may bring a bag lunch or go out for lunch.

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Sub-Element & Description	Groups	Questions in Pool	Start Time	Duration	Instructor
Saturday 24 September 2022					
T1 – Commission’s Rules	6	67	0800	1:30	David, KF4PBU
T2 - Operating Procedures	3	36	0930	1:00	David, KF4PBU
T7 – Practical Circuits	4	44	1030	1:00	David, KF4PBU
T4 - Amateur Radio Practices	2	24	1130	1:00	Kevin, W4KLS
<i>Lunch</i>			<i>1230</i>	<i>1:00</i>	
T5 – Electrical Principles	4	52	1330	1:30	Eric, KF5LR
T6 – Electronic and Electrical Components	4	47	1500	1:00	Eric, KF5LR
T0 – Safety	3	36	1600	0:30	Gordon, NQ4K
T8 – Signals and Emissions	4	48	1630	1:00	Gordon, NQ4K
End of Saturday Class			1730		
Sunday 25 September 2022					
T9 – Antennas and Feed Lines	2	24	0800	1:30	Larry, W8ANT
T3 – Radio Wave Propagation	3	34	0930	1:00	Larry, W8ANT
<i>Practice Exams</i>			1030	1:30	Suzin, N8SEM Larry, W8ANT
End of Sunday Class			1200		
<i>Lunch</i>			<i>1200</i>	<i>1:00</i>	
Examination begins			1300		