

## **Sterling Park Amateur Radio Club (SPARC) Technician License Examination Preparation Class**

**24-25 February 2024**

1. The Sterling Park Amateur Radio Club (SPARC) will conduct a Technician License Preparation Class.
2. **Date/Time:** Saturday and Sunday, 24-25 February 2024  
Class: Saturday 24 Feb 2024: 0800 – 1730 hrs. and Sunday 25 Feb 2024: 0800 – 1200 hrs.  
Licensing Exam: Sunday 25 Feb 2024: 1300 hrs. (for Class members) and 1400 hrs. (for Exam-only candidates)  
***Please see separate 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 Examination Preparation Class. ***Classroom space is limited, so prior registration is required.***
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](mailto: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 KB6NU's No-Nonsense Technician Class License Study Guide (2022-2026):  
<https://www.kb6nu.com/wp-content/uploads/2023/03/2022-no-nonsense-tech-study-guide-v2-20230204.pdf>  
Students are not required to bring the study guide to the class.  
  
Additional material can be accessed at:  
ARRL: [https://learn.arrl.org/courses/?pathPage=%2Farrl%2Fcourses%2F35902%2Fvideo\\_presentations%2F212591](https://learn.arrl.org/courses/?pathPage=%2Farrl%2Fcourses%2F35902%2Fvideo_presentations%2F212591)  
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](https://www.youtube.com/playlist?list=PLuapIzKwhZN_30dcgsDbGU3J7C8BAYJcG)  
  
**Online Practice Exams** are available and may be used by students. Several sites are available, such as:  
[Practice Amateur Radio Exams by QRZ Ham Radio](#)      [HamExam.org: Technician Practice Exam](http://HamExam.org)  
[HamExam.org: Technician Exam Flash Card](http://HamExam.org)      <https://www.eham.net/exams/test?pool=T>  
[HamExam.org: Technician Question Pool](http://HamExam.org)
8. **Radio demonstration:** Larry W8ANT      **Antenna demonstration:** Larry W8ANT
9. **Instructor-Guided Class:** Twelve and a half (12.5) 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 daily: 2 dozen donuts; 1 30-cup pot of regular coffee.
  - b. Soft drinks: 1 case water, 2 cases (24 each) soda placed in cooler with ice.
  - c. Disposables: 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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**Technician License Examination Preparation Class**  
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Sub-Element & Description	Groups	Questions in Pool	Start Time	Duration	Instructor
<b>Saturday 24 February 2024</b>					
T0 – Safety	3	36	0800	1:00	David, KF4PBU
T2 - Operating Procedures	3	36	0900	1:00	David, KF4PBU
T1 – Commission’s Rules	6	67	1000	1:30	John, W6B/W3XWT
T7 – Practical Circuits	4	44	1130	1:00	John, W6B/W3XWT
<i>Lunch</i>			<i>1230</i>	<i>1:00</i>	
T8 – Signals and Emissions	4	48	1330	1:30	Steve, KS1G
T5 – Electrical Principles	4	52	1500	1:30	Eric, KF5LR
T6 – Electronic and Electrical Components	4	47	1630	1:00	Eric, KF5LR
<b>End of Saturday Class</b>			<b>1730</b>		
<b>Sunday 25 February 2024</b>					
T4 - Amateur Radio Practices	2	24	0800	1:00	Evan, KM4SK
T3 – Radio Wave Propagation	3	34	0900	1:00	Larry, W8ANT Suzin, N8SEM
T9 – Antennas and Feed Lines	2	24	1000	1:00	Larry, W8ANT Suzin, N8SEM
<i>Practice Exams</i>			1100	1:00	Amit, WY2Z
<b>End of Sunday Class</b>			<b>1200</b>		
<i>Lunch</i>			<i>1200</i>	<i>1:00</i>	
<b>Examination begins</b>			<b>1300</b>		