

## Technician Class

January 2019

Class schedule:			Instructor	Section
January	22	6:00 to 8:00 PM	KB9QG Jeff	Ham Radio, Call Signs, Control, Mind the Rules
January	24	6:00 to 8:00 PM	KB9QG Jeff	Tech Frequencies, 1 <sup>st</sup> Radio, Going Solo, Repeaters
January	29	6:00 to 8:00 PM	KB9QG Jeff	Emergencies, Weak signals, Talk to Outer Space, Computers Multimode, Interference
January	31	6:00 to 8:00 PM	KB9QG Jeff	Electrons-go with the flow
February	5	6:00 to 8:00 PM	KB9QG Jeff	Mr Ohm, Picture This
February	7	6:00 to 8:00 PM	KB9QG Jeff	Antennas, Feed me coax, Safety First

### Review Session

February 12 6:00 to 8:00 PM

### Testing Date :

February 18 6:00 to 8:00 AM

- **SUBELEMENT T1** - FCC Rules, descriptions and definitions for the amateur radio service, operator and station license responsibilities *(6 exam Questions)*
- **SUBELEMENT T2** - Operating Procedures *(3 exam Questions)*
- **SUBELEMENT T3** - Radio wave characteristics, radio and electromagnetic properties, propagation modes *(3 exam Questions)*
- **SUBELEMENT T4** - Amateur radio practices and station setup *(2 exam Questions)*
- **SUBELEMENT T5** - Electrical principles, math for electronics, electronic principles, Ohm's Law *(4 exam Questions)*
- **SUBELEMENT T6** - Electrical components, semiconductors, circuit diagrams, component functions *(4 exam Questions)*

- **SUBELEMENT T7** - Station equipment, common transmitter and receiver problems, antenna measurements and troubleshooting, basic repair and testing *(4 exam Questions)*
- **SUBELEMENT T8** - Modulation modes, amateur satellite operation, operating activities, non-voice communications *(4 exam Questions)*
- **SUBELEMENT T9** - Antennas, feedlines *(2 exam Questions)*
- **SUBELEMENT T0** - AC power circuits, antenna installation, RF hazards *(3 exam Questions)*