

Technician Class Syllabus

This is the Tech Class schedule I propose.

Classes Saturday from 9 a.m. to 1 p.m.

| MOD. - CHAPTER | Title | NOTES | Date Instructor | Date Instructor |
|----------------------------|---|--|-----------------------------------|-----------------------------------|
| Session 1 | | | | |
| 1 | Welcome to Amateur Radio | | May 25 Glen Davis KGYDJ | August 31 Glen Davis KGYDJ |
| 2 | Radio Waves and Signals | | | |
| 3 – 2 | Modulation and Bandwidth | | | |
| Session 2 | | | | |
| 4 – 3 | Electricity | | June 1 Pete Belanus KI7ZWP | Sept 7 Phil Brunner AE7OH |
| 5 – 3 | Ohm’s Law, Power and the Metric System | | | |
| 6 – 3 | Electrical Components | | | |
| Session 3 | | | | |
| 7 – 3 | Types of Radio Circuits (Basic Radio Equipment) | | June 8 Ron Gerlak KG7OH | Sept 14 Ron Gerlak KG7OH |
| 11 – 5 | Transmitters, Receivers and Transceivers | | | |
| 12 – 5 | Power Sources and RF Interference (RFI) | | | |
| Session 4 | | | | |
| 8 – 4 | Types of Radio Circuits (Radio wave propagation) | | June 15 Jack Lunsford NT7MM | Sept 21 Jack Lunsford NT7MM |
| 9 – 4 | Antenna Fundamentals Feed Lines & SWR | | | |
| 10 – 4 | Practical Antennas | | | |
| Session 5 | | | | |
| 13 – 6 | Contacting Other Hams – Part 1 Contact Basics, Band Plans, Making Contacts and Using Repeaters | There will be no class June 22 because of ARRL Field Day. Students are encouraged to attend. | June 29 Ron Gerlak KG7OH | Sept 28 Ron Gerlak KG7OH |
| 14 – 6 | Communicating with Other Hams – Part 2 Nets, Emergency Communications, Special Modes and Techniques | | | |
| Session 6 | | | | |
| 15 – 7 | License Regulations and Privileges | | July 6 | October 5 |
| 16 – 7&8 | Call Signs, Control Operators, Station Identification and Third-Party Communications | | | |
| 17 – 8 | Interference, Remote & Automatic Operation, Prohibited Transmissions | | | |
| Session 7 | | | | |
| 18 – 9 | Safety & Amateur Radio | | July 13 | October 12 |
| Amateur radio license exam | | | July 20 | October 19 |

