



Tactical Support Equipment
www.tserecon.com

Tactical Communications Seminar

The Tactical Communications Seminar provides students with an executive level understanding of communications electronics and radio wave theory; power computations; troubleshooting procedures; wiring and cable considerations; and techniques for antenna placement. Students leave the course with an overall knowledge of the radio wave theory, communications system design, and power management strategies for operating in an austere field environment.

Objective: Learn the fundamentals of communications electronics and apply them to tactical communications; understand the implementation of communications systems.

Lesson Assessment: Classroom instruction and practical exercises are given to demonstrate a mastery of the objectives. Included are hands-on demonstrations by the instructor. When the instructor is confident that the objective of the demonstration is understood, the class conducts a practical exercise to test their comprehension of the task. The practical exercise includes multimeter use and power computations. The instructor also insures that the class understands key terminology, as it is used repeatedly in the classroom and during the practical exercises.



Prerequisites: Students of the Tactical Communications Seminar need to have no specific knowledge in order to attend the course. Experience operating Army fielded HF, VHF, and UHF radios is helpful, but not necessary to attend or complete the course. **Enrollment is restricted to individuals who are employed as law enforcement agents, investigators, or officers; members of the U.S. military; non-contract employees of the Department of Defense, Department of Homeland Security, and U.S. intelligence agencies.** Students need a willingness to learn and an attitude that fosters a good learning environment for all parties involved.

Materials: Students need note taking materials and cell phones.

Instruction: The instruction given by TSE, Inc. is paramount to the student's successful understanding of the course objectives. A power point presentation is used as a teaching and lecture tool. This presentation progresses in a logical manner starting with an overview of electronic theory and terminology. Next the presentation familiarize the students with common equipment used, power computations, radio wave propagation and antenna design. Finally, the instruction flows to instructor guided demonstrations & individual practical exercises.

Student activities: Student activities are geared toward a 4 hour block of instruction.

Hour 1: Focus is on electrical flow and current/power calculations.

Hour 2-4: Discuss radio wave propagation theory and antenna placement/communications system design.

Tactical Support Equipment Inc.
4039 Barefoot Road
Fayetteville, NC 28306
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For More Information
Contact training@tserecon.com

Phone: 800.889.4030
Phone: 910.425.3360
Fax: 910.425.3361



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Contact Tactical Support Equipment, Inc. for pricing and availability. **TSE, Inc. must have a minimum number of students in order to conduct the course.**

Contact: For questions concerning registration, training, and location please contact the Director of Training, Mark Conneway at (910) 425-7232 or 3360, or via email at training@tserecon.com.



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