



Tactical Support Equipment
www.tserecon.com

Field Electronics and Concealment Course

The Field Electronics and Concealment Course provides students with an overall understanding of basic technical surveillance electronics and advanced concealment development; power computations; troubleshooting procedures; concealable camera wiring construction; and techniques for concealing cameras. Students leave the course with a very good overall knowledge of the equipment and the proper expertise needed to construct advanced concealments and operate in the real world.

Objective: Learn the fundamentals of basic field electronics and apply them to technical surveillance; incorporate the design, construction and implementation of advanced concealment devices.

Lesson Assessment: Daily classroom instruction, hands-on assessments & practical exercises are given to demonstrate a mastery of that day's objective. Each day of class includes hands-on demonstrations by the instructor. When the instructor is confident that the objective of the demonstration is understood, the class conducts practical exercises to test their comprehension of the task. These practical exercises include basic bench & field soldering, multimeter use, constructing power supplies, field expedient concealment devices, and concealment through mold-making. 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 Field Electronics and Concealment Course need to have no specific knowledge in order to attend the course. Mission planning experience 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 and allied militaries; 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. As the majority of learning is dependent upon having the necessary materials TSE, Inc. provides the following equipment: connectors, tools, student practical exercise supplies & sites.

In the event the students want to train on their unit specific equipment, the students will need to bring that equipment to the course.



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 basic electronic theory and terminology. Next the presentation familiarize the students with common equipment used, power computations, camera wiring, and examples for concealing cameras. Finally the instruction flows to instructor guided demonstrations & individual practical exercises.

Tactical Support Equipment Inc.
4039 Barefoot Road
Fayetteville, NC 28306
www.tserecon.com

For More Information
Contact training@tserecon.com

Phone: 800.889.4030
Phone: 910.425.3360
Fax: 910.425.3361

Student activities: Student activities are geared toward a 5-day block of instruction.

Day 1: Focus is on an overview of chemical molding techniques, electrical flow, current and power calculations, electrical components and soldering techniques. Throughout the day, classroom instruction and hands-on sessions are executed in a round-robin style as students begin their first molded concealment project.

Day 2: This day begins with soldering instruction and a series of soldering practical exercises students complete at their own pace. The mold form the pervious day is nearly complete by the end of day two. The second day ends with an introduction to rudimentary circuit design.

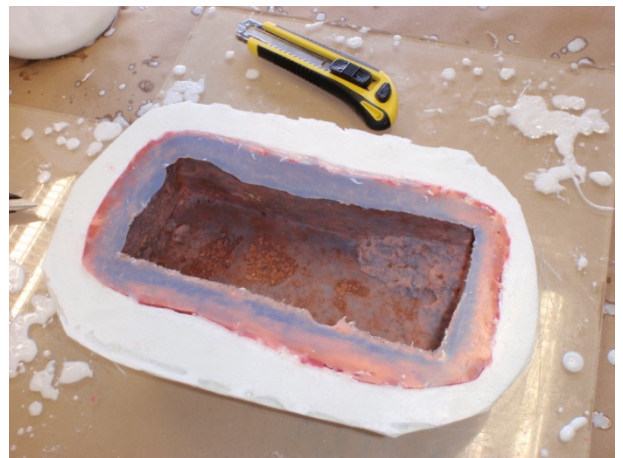


Day 3: Begins with finishing the mold started on day one. From there, students move to two part molding, casting a two part mold, and brush/rotary casting their larger molds. Students also practice integrating electrical circuits with molded devices.

Day 4: Progresses to concealment finishing techniques. Students finish their 2 part casts and color/texture match these concealments to the environment.

Day 5: The final day consists of finishing all of the student made concealments, installing the audio and video devices testing each concealment in the local environment. The last day ends with a week overview and question and answer session. Each day's tasks demonstrate that the students have learned all the objectives of the course so far.

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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