

# Introduction to Advanced Concealments Course

The Introduction to Advanced Concealments Course provides students with an overall understanding of basic technical surveillance electronics and advanced concealment development; power computations; troubleshooting procedures and techniques for constructing concealments. 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 multimeter use, field expedient concealment devices, and concealments using two-part plastics and silicone to for electronic surveillance equipment. Students also receive an introduction to 3D printing related to concealment construction. 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 Introduction to Advanced Concealments 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: cameras, microphones, connectors, tools, and practical exercise supplies. **Students will leave the course with three working concealment devices and cameras they construct in 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 and examples for concealing cameras. Finally the instruction flows to instructor guided demonstrations & individual practical exercises.

**Tactical Support Equipment Inc.**  
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Student activities: Student activities are geared toward a 3-day block of instruction.

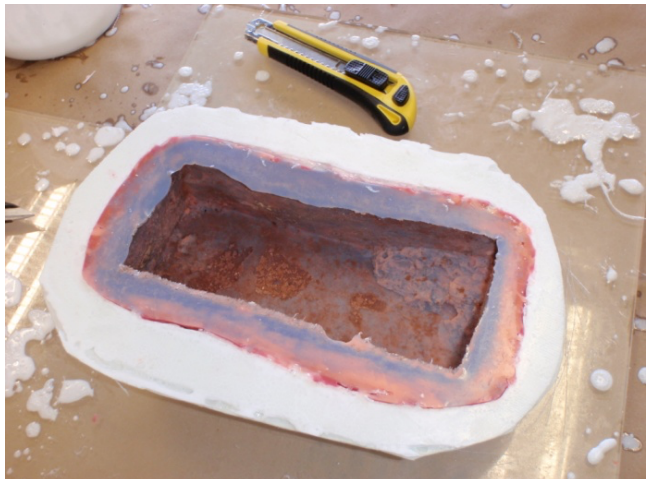
**Day 1:** Focus is on an overview of chemical molding techniques, electrical flow, current and power calculations, and electrical components. Throughout the day, classroom instruction and hands-on sessions are executed in a round-robin style as students begin their first molded concealment project.

**Day 2:** The mold form the pervious day is complete by the end of day two. Students exercise various mold making techniques, use multiple casting resins and learn finishing techniques to ensure their concealments pass as cursory inspection.



**Day 3:** 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. Students spend the last half of the day learning the basics of 3D printing software and its application to advanced concealment construction. The last day ends with a week overview and question and answer session.

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](mailto:training@tserecon.com).



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