



This program focuses 3 days exclusively on the structural and cosmetic integration of today's modern luxury vehicles. We demonstrate smart fabrication techniques and industry secrets that will enhance the way you integrate with vehicle panels and structural components.

Day 1

Fiberglass Fabrication

This exciting course has proven to be one of our most popular seminars. Learn the secrets that save time and take the guesswork out of using fiberglass. Our course is very different, in comparison to what the Car Audio industry offers, we use proven techniques derived from the composite industry. This seminar will cover all materials, tools and supplies needed to be successful with composites. Learn how to generate complex shapes (Consoles, Enclosures and Door Panels) with our world-class techniques! Maximize enclosure volume, by taking fiberglass impressions of the vehicle. This course provides students with "hands-on" experience with fiberglass. Students will have the chance to practice on a single part mold.

Table Saw Techniques

This course is a must for today's installation professional! Learn valuable techniques that have been developed by the best craftsmen in the industry. The table saw is a tool that demands respect! Increase your skill-set by learning the proper cutting methods that will inspire even the most seasoned installers. This course demonstrates how to make any cut safe and easy. The program also demonstrates how to build multiple jigs and fixtures that reduce time and increase accuracy. Building a truck enclosure is a breeze with these techniques. Need to cut compound angles? No problem, with a jig it's easy and can be duplicated over and over to maximize your profits. Stop wasting time and start counting those labor dollars!

Cutting perfect circles (New Technique)

Learn our newest techniques with the Perfect Circle. We have developed a unique way to build a four-piece jig with the plunge router. This technique will save hours and make you hundreds of custom labor dollars.

Upholstery Techniques (New Technique)

This seminar has some great upholstery secrets that will truly make you money. Learn specific covering and seaming techniques for carpet that will reduce your upholstery time significantly. Learn how to carpet an enclosure with only three seams. This training will also focus on surface preparation for vinyl and different glue types. Also included is a comprehensive overview of many OEM fabric and vinyl selections as well as time saving upholstery tools. We will show you several hands-on demonstrations that will give you key insight for successful vinyl wrapping.

MOBILE SOLUTIONS

Master Tech BOOT CAMP

Day 2

Advanced Router Techniques

Router techniques are the foundation of modern custom installation. This course will focus on all of the specific types of router bits, different routers types available, and how to build your own router table. Stop reinventing the wheel each time a custom installation is in the bay! Learn how to reproduce existing shapes and create repeatable templates. Our course makes using a router safe with our unique router shield. The router shield protects you from the bit and provides better control over the material. We'll show you how to machine square and rectangular jigs with incredible accuracy for face plates and dash bezels so they fit better than OEM!

This course expands on the shape duplication process with vacuum clamping technology. Learn step-by-step construction methods for inside and outside ring jig assemblies. This incredible jig can produce a speaker baffles, perimeter rings and grills than fit together with amazing precision. After you build the first assembly jig and reproduce it, the speed of producing subsequent parts is virtually endless.

Plastic and Aluminum Fabrication (New Technique)

We will cover several real-world examples of how to use different plastics and aluminum parts on a daily basis. Increase your dash integration by using similar materials used by the Auto Manufactures. Learn how to machine different plastics and non-ferrous metals with remarkable precision. Also included are detailed techniques for Cutting, Sanding, and Polishing Acrylic and Aluminum. This training will also demonstrate excellent examples of using Neon and LED lighting applications for Acrylic and Polycarbonate.

Cosmetic and Structural Integration (New Technique)

We'll walk you through the entire process of creating 3-Dimensional dash and trim panels that look unbelievable. This seminar also explores an in-depth look at creating ABS and Metal pressed speaker grilles that snap into the factory plastic panels with very little effort ...It's all in the process.

We'll also cover in-depth upholstery, and texturing techniques that take your work to the next level. We actually build several different types of trim panels during this course, start-to finish we demonstrate the entire process. Learn how to create different vinyl inlays with different materials, not to mention different hot and cold vinyl wrapping techniques. This course will capture the interest of even the most seasoned technicians.

** This is an advanced seminar 3 to 5 years of experience are recommended.*

What you will learn

- *Styling and design ideas with a detailed resource guide booklet*
- *3-Dimensional routing techniques for OEM dash bezels*
- *Hot and Cold vinyl wrapping techniques*
- *Trim panel design and construction*
- *Creating inlays and functional enhancements for various trim panels*



Master Tech BOOT CAMP

Day 3

OEM Integration Training and Audio System Tuning (New Technique)

On day three we'll shift gears a little and uncover some of the mystery in the process of integrating aftermarket signal processors, amplifiers, and upgraded speakers into vehicles with complex factory audio systems. Every technician working in the business today knows this is an ongoing challenge.

You will learn the necessary tools and techniques to confidently approach an installation blending factory and aftermarket equipment to get great results in a sound system upgrade without the intimidation of things like CAN bus, MOST, GMLAN or other complicated vehicle networks. We'll show you how to understand what's really going on. We will go through all the steps to figure things out even if you don't have a wire diagram!

Besides the integration aspect, a great audio system must also be well calibrated and tuned. We'll cover some of the most important processes and techniques to maximize the overall performance of a mobile audio system using some easy to understand tools that can clearly differentiate you from your competition.

What you will learn

- The tools of OEM Integration – a must have in today's installation bay!
- What's really going on with factory audio systems – premium or not.
- Identify the electrical integration challenges – not all cars are the same.
- Resources for wiring information and vehicle diagrams.
- Step by step, the process of integration with factory head units and amplifiers.
- Solutions in the marketplace today – choose the products for integration that make sense!
- Audio system calibration with level setting and tuning tips with your aftermarket products.

Hands-On Class Project

Each class participant in the Mobile Solutions 3-day Master Tech Boot Camp will be doing a hands-on project in class that allows you practice of many techniques learned over the previous training days. This will be a take home project that you can show off at your store's counter or in your installation bay.

Tip: On day three, be sure to dress as if you are going to be working. You are sure to get a little dirty with sanding, router use, etc.

Who should attend the Mobile Solutions 3-Day Master Tech Boot Camp?

- Installation Management and Supervisory Personnel
- Installation Technicians of all skill levels
- Cross Trained Sales/Install staff members
- Store Owners or General Managers who need to be re-energized about the business

Call 1-888-480-5959 to book your course today!