



■ AUTOMOTIVE ELECTRONICS TRAINING · FLORIDA · 2026

AUTOMOTIVE ELECTRONICS TRAINING

ECU & TCM programming · Automotive locksmithing & key programming
Short, 100 % hands-on courses, taught by working professionals.

Hands-on, real tools

European brand expertise

2–3 day intensive courses

■ WHO WE ARE

Your automotive electronics training partner

EMS Electronics trains automotive professionals in ECU programming, automotive locksmithing and immobilizer systems. Our trainers program modules and keys every day — and we now bring our programs to Florida.



01

Field expertise

Trainers who are working professionals, focused on real shop situations — not theory.



02

Personal follow-up

Support before, during and after the course; complete training materials to keep.



03

Proven programs

Our programs are nationally certified in France (RS7220 & RS7572). You receive an EMS Certificate of Completion.



04

Pro equipment

Kess V3, Autotuner, Flex, KeyTool Plus Pad, Abrites, Obdstar, Autel IM608.

250+

professionals trained

2national certifications in France
(RS7220 & RS7572)**30 days**

to get started

100 %

hands-on, on professional equipment

A European training center specialized in **Mercedes-Benz, BMW and VW/Audi** — the brands many local shops still send to the dealer.

[Reserve your seat](#)

■ TECHNOLOGY PARTNERS

Our technology partners

To train you on the tools professionals actually use, EMS Electronics works with leading partners in ECU programming, shop equipment and automotive locksmithing.



OFFICIAL PARTNER

Magicmotorsport

Manufacturer of **engine and transmission module programming tools** (including **Flex**), as well as **automotive locksmithing solutions** and **dynamometers**.

EMS Electronics has joined the **Magic Academy**, Magicmotorsport's training program dedicated to **ECU and TCU programming**.

[Magic Academy](#)

ECU READ & WRITE

DFB Technology

Specialist in read and write solutions for engine and transmission control modules.



ECU PROGRAMMING

Autotuner

Professional programming tool for engine and transmission modules, via OBD, Bench and Boot.



SOFTWARE

ETS – ECU Tuning Software

ECU file editing: it recognizes the file and applies the compatible solutions in one click.



EQUIPMENT

OBDAuto.fr

Diagnostic and programming hardware: Kess3, Autotuner, Flex, OBD interfaces.



NETWORK

France Auto Racing

French national network specialized in engine performance and ECU programming.



AUTOMOTIVE LOCKSMITHING

Key-Code

Official Xhorse distributor: key machines, transponders, consumables and automotive locksmith tools.

You train on **the tools professionals actually use** – ECU programming, shop equipment and automotive locksmithing.

[Reserve your seat](#)

■ WHY GET TRAINED

Why get trained

Three reasons to add these skills to your shop now — they are in demand, well paid and hard to find.



01

A rare, in-demand skill

Key programming, all-keys-lost and module work are jobs most general repair shops still send to the dealer — and the customer often doesn't come back.



02

High-value services

Key programming \$150–250, European keys \$250–450, European all-keys-lost \$400–900; an off-the-shelf ECU calibration \$400–900.

Sources: 4 Keys Locksmith pricing (4keyslocksmith.com/pricing) · ECU Flash Cartel 2026 cost guide



03

Stand out in Florida

Florida has had no locksmith license since July 1, 2025: anyone can enter the market. Real training is what sets you apart — and prepares you to work as a NASTF Vehicle Security Professional.

Sources: Fla. Stat. §163.211 · NASTF (nastf.org)

2–3 days per core course

20–30 hours to learn the essentials of the trade, with intensive hands-on practice.

Small groups

Hands-on practice on real modules, locks and vehicles, with a trainer at your side.

Start within 30 days

Regular sessions: pick the date that fits your schedule.

A dealer can charge **\$856** for a single BMW key. Three days of training to bring that work in-house.

[Reserve your seat](#)

Dealer key example: Autoblog, "Lose your car key fob? Replacing it could cost more than a new iPhone". Emissions-compliant: EMS never teaches emissions deletes (U.S. EPA).



■ OUR PROGRAMS

Two core courses, two trades

Two intensive courses (2 and 3 days), 100 % hands-on, on professional equipment. Choose one — or both.

G1B

ECU & TCM Programming

Engine and transmission control modules

- Reading via OBD, Bench and Boot
- Memories, EEPROM and hex dumps
- Checksums: role and correction
- Autotuner, Kess V3, Flex

For: technicians, shop owners and mobile programmers.

\$1,990

20 h · 2 days

G2B

Automotive Locksmithing & Key Programming

Keys, transponders and locks

- Keys and transponders
- Lock decoding and fine opening
- Key cutting
- Key programming with pro tools

For: locksmiths, shop owners and technicians.

\$2,490

30 h · 3 days

Each course: **20–30 hours over 2–3 days**, in person in Florida, EMS Certificate of Completion and course materials included.

[Reserve your seat](#)

■ CORE COURSE 1 · G1B

ECU & TCM Programming

G1B

20 h · 2 days

In person · Florida

\$1,990

Learn to read, write and program engine (ECU) and transmission (TCM) control modules, on real modules and professional tools.

- Reading via OBD, Bench and Boot
- Memories and EEPROM
- Hex dumps and file structure
- Checksums: role and correction
- Autotuner, Kess V3, Flex
- Swiftec, WinOLS, ECM Titanium (reading)
- Gasoline, diesel and flex-fuel (E85)
- Hands-on on real modules

■ WHAT YOU RECEIVE

EMS Certificate of Completion · complete training materials · follow-up after the course. Program nationally certified in France (RS7220).

Who it's for

Technicians, shop owners and mobile programmers who want to do module work in-house.

Your outcome

Handle module reading, writing and cloning safely, in line with emissions rules.



■ CORE COURSE 2 · G2B

Automotive Locksmithing & Keys

G2B

30 h · 3 days

In person · Florida

\$2,490

The core of the automotive locksmith trade: keys, transponders, lock decoding, fine opening, key cutting and programming.

- Keys and transponders
- Lock decoding
- Fine (non-destructive) opening
- Key cutting
- Most common key profiles
- Key programming with pro tools
- Intensive hands-on practice
- Real locks and vehicles

■ WHAT YOU RECEIVE

EMS Certificate of Completion · complete training materials · follow-up after the course. Program nationally certified in France (RS7572).

Who it's for

Locksmiths, shop owners and technicians who want to add key services.

Your outcome

Open, decode, cut and program keys — and stop sending key jobs to the dealer.



■ COMING NEXT

Our upcoming courses

Three new courses to go further: applied automotive electronics diagnostics, advanced engine map editing and dynamometer training starting in 2027.

Coming soon

Applied Automotive Electronics Diagnostics

A course to make reliable diagnoses on the vehicle's electronic systems.

- ✓ Diagnostic method and fault code reading
- ✓ Measurements: multimeter, oscilloscope, wiring diagrams
- ✓ CAN / LIN networks, sensors and actuators

Coming soon · 50 h / 5 days

Advanced Engine Map Editing

A complete progression, from identifying maps to advanced functions.

- ✓ DAMOS / A2L definitions and mappacks
- ✓ Stage 1 gasoline: load, timing, injection, boost
- ✓ Stage 1 diesel: fuel quantity, rail pressure, torque
- ✓ E85 ethanol and flex-fuel
- ✓ Rev limiter, two-step, launch control
- ✓ Emissions-compliant calibration only

Starting 2027

Dynamometer Training

Measure, validate and prove the result of a calibration on the dyno.

- ✓ Measurement protocol and safety
- ✓ Power and torque before / after
- ✓ Reading and interpreting curves

MAGiC
MOTORSPORT

OFFICIAL AFFILIATION · MAGIC ACADEMY

EMS Electronics has joined the Magic Academy, the training program of Magicmotorsport — manufacturer of **ECU / TCU programming, automotive locksmithing and dynamometer** tools.

From diagnostics to dyno validation: **the whole engine electronics chain**, in one place.

[Get notified of dates](#)

■ PROGRAMMING SHOPS & NETWORKS

Train your shop technicians

Do you run an ECU programming shop or network — franchise, multi-location group or independent shop? EMS Electronics trains your team on the methods and tools of the trade, and every technician receives an EMS Certificate of Completion.

Onboard a new technician

01

The **G1B** core course gets a new technician up and running in 2 days: OBD, Bench and Boot read and write, EEPROM, checksums. **\$1,990**, EMS Certificate of Completion.

Add a second trade

02

G2B Automotive Locksmithing & Key Programming: **3 days, \$2,490** — keys, transponders, lock decoding, key cutting and programming.

Validate on the dyno

03

Starting 2027: a dedicated dyno course to measure, validate and show your customers the gain from a calibration.

Several technicians to train

Regular sessions in Florida, start within 30 days: we organize your team's schedule.

Company billing

We invoice your business directly, in USD. Employer-paid training may be tax-free for employees under a written educational assistance program (Section 127) — check with your CPA.

Methods and tools of the trade

Affiliated with Magicmotorsport's Magic Academy; training on Autotuner, Kess3, Flex, D-Fox and ETS.

MAGIC
MOTORSPORT

One point of contact to **train your whole network**, and technicians who leave with **an EMS Certificate of Completion**.

[Request a quote](#)

■ PAYMENT & FORMAT

Paying for your training

Simple, transparent options. We help you choose the one that fits your situation.



01

Pay in full

By credit/debit card or ACH bank transfer.
Your seat is confirmed immediately.



02

Deposit to reserve

Secure your seat with a deposit; balance due before the session.



03

Payment plan

Spread the cost over several installments, subject to approval.



04

Company invoice

We invoice your business directly, in USD, for employer-paid training.

Employer-paid training

If your employer has a written educational assistance program, it may cover up to \$5,250 a year tax-free for you (Section 127).

Source: IRS — FAQ on educational assistance programs

Self-employed or shop owner?

Work-related education that maintains or improves skills in your current business may be tax-deductible.

Source: IRS Topic 513. Check with your CPA.

In-person in Florida

Small groups, hands-on on real modules and vehicles.

Regular sessions

Start within 30 days — ask for the next dates.

Materials included

Complete course materials to keep and review after the session.



■ LET'S TALK

Let's talk about **your project**

Give us 10 minutes: we'll look at your goals and your current tools, and suggest the program and the next session that fit best.

+1 954 900 9397

+1 786 823 9968

contact.usa@ems-electronics.com

ems-electronics.com

■ COMPANY

EMS ELECTRONICS LLC

78 SW 7th Street, Brickell City Center
Miami, FL 33130 · USA

■ SESSIONS

In person at Brickell City Center, Miami
Start within 30 days
Call or email for the next dates

■ CREDENTIALS

EMS Certificate of Completion
Programs nationally certified in France
(RS7220 & RS7572)

