

# Complete EV Program

Hardware and curriculum package for upskilling automotive, manufacturing, & engineering students



**LJ CREATE™**  
Learning for life

Our trainers offer a wide range of practical hands-on activities to bring any EV program to life.

They are designed for three levels of use:

- 1 Introduction to zero emissions technology for general education
- 2 Investigation of Electric Vehicle operation for automotive-related engineering
- 3 Development of EV troubleshooting skills and safety for vehicle maintenance

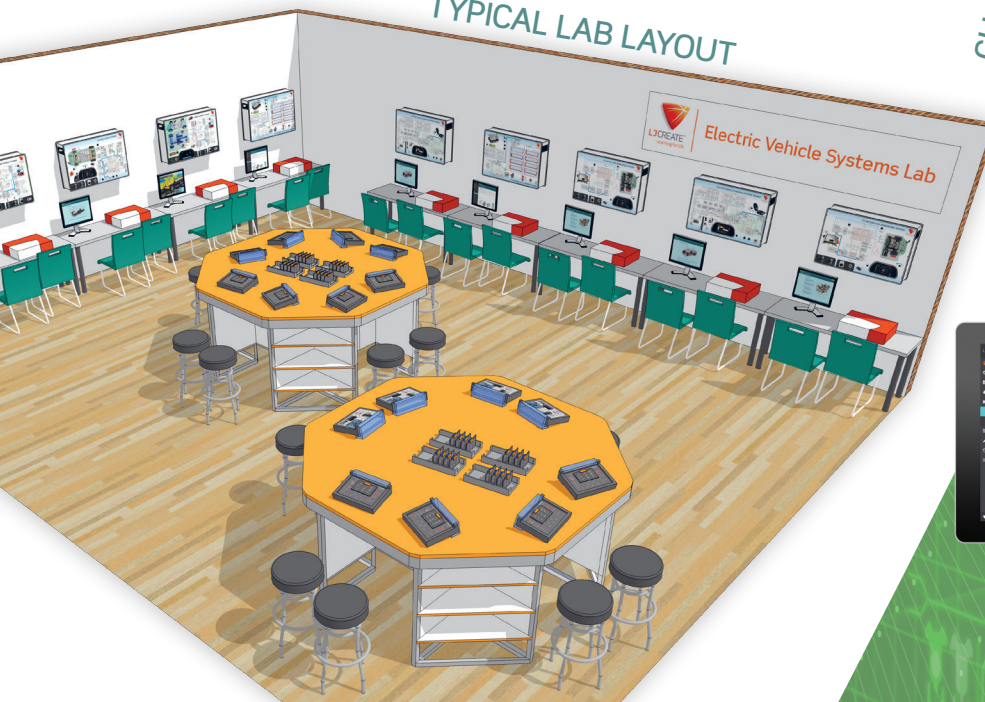
Our EV training systems are delivered with learning content which **supports safe, independent learning** for a wide range of students. Our panels show the operation of the various EV systems.

Critically, students can **investigate the operation of these systems** while the vehicle is “driving” down the road – something that is impossible on an actual Electric Vehicle.

## EV TRAINING PANELS



## TYPICAL LAB LAYOUT



## CURRICULUM PACKAGE



[ljcreate.com/ev-tech](http://ljcreate.com/ev-tech)

# COMPLETE EV PROGRAM

## ⚡ LEVEL ONE

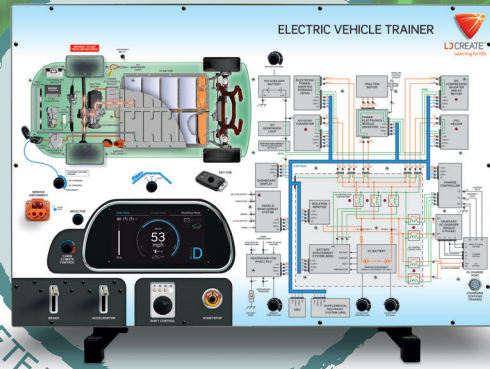
The first level of lessons introduces the technology associated with **zero emissions** vehicles to students who may be completing a **Green Technologies** program.

## ⚡ LEVEL TWO

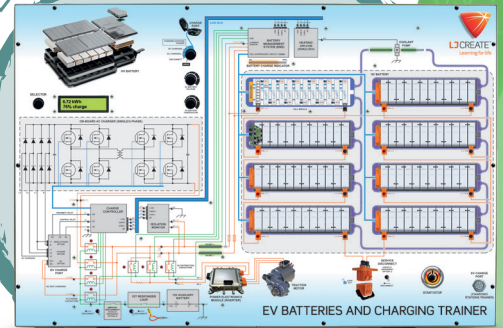
The second level demonstrates the **operation of the major systems** of the Electric Vehicle and charging stations. This level is appropriate for students who may be considering a **career in EV manufacture** or perhaps related to the **installation of the charging systems** network.

## ⚡ LEVEL THREE

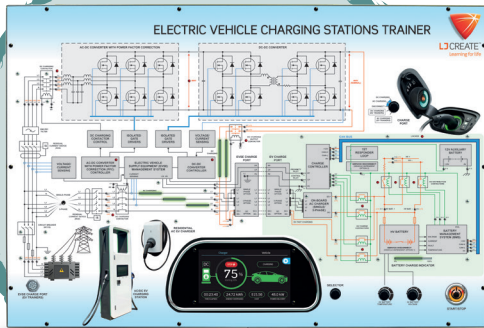
These lead to a series of lessons in which students can practice **in-depth troubleshooting** on a working Electric Vehicle system.



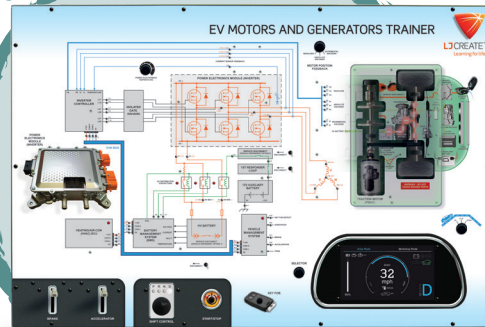
COMPLETE EV SYSTEM



BATTERIES AND CHARGING



CHARGING STATIONS

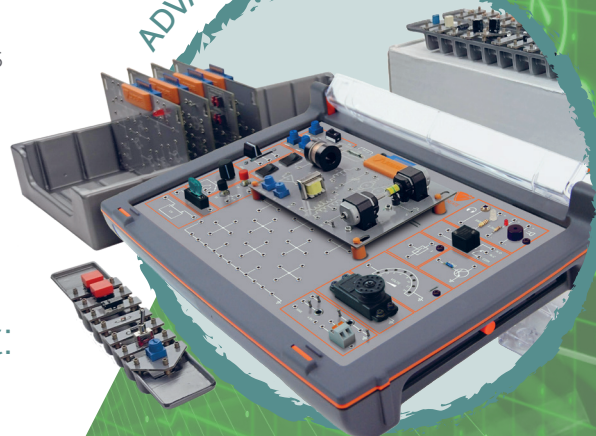


MOTORS AND GENERATORS

We also offer development of the **underpinning knowledge and skills** required for operation and troubleshooting Electric Vehicles.

This starts with an understanding of simple circuits and use of test instruments and culminates in the operation and troubleshooting of **sophisticated Inverter circuits** and **Pulse Width Modulation**.

For more information, please visit:  
[ljcreate.com/ev-tech](http://ljcreate.com/ev-tech)



ADVANCED EV ELECTRONICS