



AUTOTECH™
Training You Can Get Your Hands On

San Diego

2022 NAPA Technician Training Schedule

CLASS 1

MARCH 24, 2022

Thursday

Asian Smart Charging Systems *NEW*

Course No: 7200

Asian manufacturers have unique approaches to computer-controlled charging systems. This class offers detailed information on popular Asian smart charging system designs, operations, and diagnostic procedures.

Recommended for all levels of Technicians

- Battery, belt, and circuit service
- Honda Electronic Load Detection (ELD) and dual-mode systems
- Toyota computer-monitor systems
- Nissan Intelligent Power Distribution Module and dual module systems
- LIN bus-controlled systems
- Using DMMs, scan tools, and scopes to diagnose computer-controlled charging system issues in specific applications

CLASS 2

APRIL 21, 2022

Thursday

HVAC Series – Cooling System and Refrigerants *NEW*

Course No: 7204

This medium to advanced course reviews the core of today's HVAC systems and their support systems up to hybrid vehicle applications. The technician will be able to diagnose multiplexed systems including ventilation concerns, in-cab heating/coolant system issues, refrigerant options, and their corresponding lubrication systems. Students will also be able to test closed AC system using pressure and temperature readings and learn how to handle A2L (mildly flammable) refrigerant 1234yf – now standard in every new car and light truck being sold in the U.S. since 2020.

- Coolant support system (inc. low temp systems-LTR)
- Support climate control systems, ventilation, and heating elements
- Driveability and communication errors affecting HVAC operation
- 134a, 1234yf, 744 and (what happened to) 152a
- Importance of lubrication and non-cross contamination
- Refrigerant sealer & refrigerant identification
- Diagnosing issues via temperature and pressure



AUTOTECH™
Training You Can Get Your Hands On

San Diego

2022 NAPA Technician Training Schedule

CLASS 3

MAY 19, 2022

Thursday

Ford EcoBoost Family of Engines *NEW*

Course No: 7202

Ford Motor Company has introduced its own line of smaller-displacement engines, the EcoBoost series, for its passenger vehicles and light truck applications. This course covers the entire EcoBoost family in detail.

Recommended for all levels of Technicians

- Review the principles of gasoline direct injection
- Reveal how twin turbochargers work
- Identify carbon and contamination buildup and its effects
- Identify fault causes and proper correction/resolution procedures
- Describe the EcoBoost's unique cooling system
- Perform diagnostics for lack of boost and DTC P0299 issues
- Perform diagnostics for crank cam correlation DTC P0016 issues

CLASS 4

AUGUST 18, 2022®

Thursday

Tactical Diagnostic Series – Strategies for a Successful Day in the Bay *NEW*

Course No: 7207

Each day, technicians prepare for the diverse challenges posed by modern diagnostics and repair. Unfortunately, we don't get to choose the vehicles that land in our bay, but each one brings unique opportunities for growth.

This course is the first in a series of case-study-based diagnostics, told from the technician's viewpoint. Real-world case studies are utilized showing the importance of following a proven approach for success.

Recommended for all levels of Technician

- Balancing efficiency of our time, while remaining accurate in our diagnosis
- Incorporating scan tools, oscilloscopes, multi-meters, service information and all the resources available to the modern technician
- Following customer concerns through completion of repair



AUTOTECH™
Training You Can Get Your Hands On

San Diego

2022 NAPA Technician Training Schedule

CLASS 5

OCTOBER 20, 2022

Thursday

Hybrid and EV – Batteries and Charging *NEW*

Course No: 7205

Every car and light truck manufacturer in North America today builds at least one model with a hybrid-electric or all-electric powertrain, and the popularity of these models is growing. This training course covers the proper procedures involved in the measuring and operational testing of HV components carrying a voltage.

- Hybrid and electric vehicle design
- In-bay safety and personal protective equipment (PPE)
- Low-voltage battery systems
- High-voltage shutdown procedures
- High-voltage battery systems
- Hybrid, PHEV, and EV charging
- HV battery heating and cooling systems

CLASS 6

NOVEMBER 17, 2022

Thursday

Body Control Series – Doors and Windows *NEW*

Course No: 7201

Body Control Module (BCM) complexity has increased significantly over the years because of new vehicle features and functionality. Some vehicles require the BCM to actuate, monitor and control more than 100 circuits. This lesson will examine some common vehicle functions where the BCM plays an important role, including:

- Liftgate Systems
- Power Windows
- Sunroof
- Power Door Locks
- Power Sliding Doors
- System overviews
- Component operation
- Scan tool PID information for each system
- Component diagnostics and testing for each system
- Component activation through scan tool
- Scan tool demonstrations - Performing calibration and learn procedures
- Technical service bulletins and repair procedures



AUTOTECH™
 Training You Can Get Your Hands On

San Diego

Your instructor will be Jason Gloria

- 20 years Automotive Industry
- ASE Master Automotive Technician

Limited Seating
 Sign-up Today!

Technician Training CLASSPASS: **\$600.00**

\$600 CLASSPASS includes all technicians from one shop, all 6 classroom training courses and all eLearning courses after the technician completes 1 classroom course.

All others: **\$125.00 Per Technician, Per Class**

Per Technician includes:

5:30pm Dinner & Beverage Served

6:00pm Training 3 Hour Class & Training Manual

Certificates & eLearning available on www.napaautotech.com

• Registration / Class Reservation Request Form

To attend the class with a training manual and dinner you must register and reserve a seat one month prior to the class. Fax this form to NAPA T.C.S. at 1-810-750-4327

Business Name: _____

Business Address: _____

City: _____ State: _____ Zip: _____

Phone: _____ Email: _____

10-Digit NAPA AutoCare Center account number: _____ (If applicable)

Technician Registration Information: Please fill out one for each technician

First Name: _____ Last Name: _____

Last 4-Digits of Social Security Number: _____ (All Records are confidential)

Class Reservation Information:

I paid for the NAPA AutoCare CLASSPASS on all 6 training class course numbers YES / NO

I paid for the Per Person Training Class Title: _____

Training Class Number: _____ Date of Class: ____/____/____