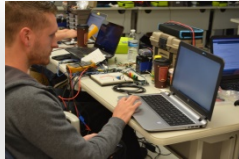


Automotive Technicians are constantly being challenged by changes in electronics systems and control software in advanced automotive systems. These boot camps contain lecture with significant hands-on project content that will make for the perfect learning environment! Using the popular Arduino Microcontroller, participants will be introduced to MC and electronics to build new hardware (H/W), firmware (F/W), & software (S/W) knowledge that can be used directly with automotive systems.



The Automotive Software & Electronics Fundamentals Boot Camp has the following topics to address these challenges that confront automotive industry service and diagnostic professionals:

- Microcontroller based electronics projects will be built in the class within a fun and interactive environment
- This course will teach participants how they can inexpensively and quickly create their own testing and diagnostic tools.
- Provide participants sufficient fundamental knowledge and skills that would permit them to develop their own microcontroller based applications and hardware interface tools that can be used for analyzing and diagnosing most automotive systems
- Learn how external MC systems can be built to be used with a scan tool or on-board vehicle system to manipulate or change systems operation for the purposes of circuit analysis and diagnostics or building vehicle “bugs” for automotive courses

*Students will be responsible to bring their own laptop computer to the course (with at least one operating USB port) for the purposes of operating the MC and permit software applications to be installed for developing S/W code. The students should be prepared to bring their own oscilloscope and/or DVOM to work with the electronic devices and circuits. **This course is designed for individuals with minimal or no experience in S/W development or coding, and minimal to average experience with analog & digital electronics circuits and devices.***

Futuretechauto.com/macsbootcamp

This Boot Camp is sponsored and hosted by the Mobile Air Conditioning Society (MACS) Worldwide

MACS
225 S. Broad Street
Lansdale, PA 19446



AUTOMOTIVE
SOFTWARE &
ELECTRONICS
FUNDAMENTALS
BOOT CAMP



Sponsored By



Price: \$2,195.00

Dates: March 23-27, 2020

Hours: 8:30AM – 4:30PM

Pre-requisites: None

Daily lunch, snacks, and beverages are included in registration price

Event Contact (MACS):

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Instructor



Dr. Mark Quarto
Quarto Technical Services