

Rev up your brain –
it's time to learn

Bosch Engineering

Professional training courses on vehicle technology



Price list 2019

ID	Training	Duration in days	Fee
Diesel Engine Technology			
TD001	Basics of Diesel technology	1	825 €
TD002	Functions of the Diesel engine	3	2,460 €
TD002A	Torque structure & Fuel system of the Diesel engine	1	825 €
TD002B	Air system of the Diesel engine	1	825 €
TD002C	Exhaust system of the Diesel engine	1	825 €
TD003	Calibration technique	1	825 €
TD006A	Diagnostic System Manager	1	825 €
TD006B	Diagnostic System Manager from the perspective of OBD	1	825 €
TD009	Hydraulics, high pressure generation, injection system	1	825 €
Electromobility			
TH001	Basics principles of the hybrid system for motor vehicle	1	825 €
TH002A	Hybrid system – Operating strategy and torque coordination	1	825 €
TH002B	Start / Stop procedure in hybrid vehicles	0.5	450 €
TH003	Electric drive, power electronics and regulation of these electronics	2	1,640 €
TH004	Basic principles of the lithium battery system	1	825 €
TH006	Safety in electric mobility	1	825 €
TH007	Regenerative braking systems	1	825 €
VCU01	Vehicle Control Unit (VCU) for electric vehicles	1	825 €
PN001	E/E-Systems – Basics Powernet	1	825 €
PN002	E/E-Systems – Advanced Training Powernet	1	825 €

ID	Training	Duration in days	Fee
----	----------	------------------	-----

Gasoline Engine Technology

TM001	Basics of gasoline engine management	1	825 €
TM002	Engine control functions of Motronic ME/MED	4	3,160 €
TM002A	Engine control functions of Motronic ME/MED - Torque structure	1	825 €
TM002B	Engine control functions of Motronic ME/MED - Air system	1	825 €
TM002C	Engine control functions of Motronic ME/MED - Fuel system and ignition system	1	825 €
TM002D	Engine control functions of Motronic ME/MED - Exhaust system	1	825 €
TM003	Diagnostic functions of Motronic ME/MED - On-Board-Diagnostics	2	1,640 €
TM010	Motronic ME/MED - Legislation regarding emissions and diagnosis	0.5	450 €
TM011	Motronic ME/MED – Cylinder deactivation	1	825 €
MO001	Monitoring	0.5	450 €

Powertrain Technology

TP002	Electronic control unit concept with components	1	825 €
TP003	Basics of model - based optimization processes	1	825 €
TP004	Transfer training from MEDC17 to MDG1C	1	825 €
TP006	Control systems - fundamentals and application	2	1,640 €

Vehicle Networking

AR001	AUTOSAR fundamentals for “basic software“ developers	1,5	1,330 €
FR001	Basic FlexRay training	1	825 €
CN001	Basic CAN training	1	825 €
ETH01	Ethernet and IP architecture	1,5	1,330 €
ETH02	Practical Aspects in analyzing Ethernet Networks and CANoe live demonstration	0,5	0 €

Functional Safety

FS001	Introduction to functional safety in the automotive sector (ISO 26262)	1	825 €
FS002	Functional Safety (ISO 26262) for systems	1	825 €

Other trainings

AI001	Introduction to Machine Learning – Deep Learning	1	825 €
DSM01	Diagnostic System Management	0.5	450 €
IOT01	IoT & Platform Business Model Innovation	2	1,400 €
LNX01	Embedded Linux development with the Yocto Project	4	3,160 €
LNX02	Building and developing on Automotive Grade Linux (AGL)	1	825 €
LNX03	Developing Embedded Linux Device Drivers	4	3,160 €
LNX04	Linux Kernel Debugging and Security	4	3,160 €
LNX05	Linux Kernel Internals and Development	4	3,160 €
LNX06	Optimizing Linux Device Drivers for Power Efficiency	4	3,160 €
LNX07	Introduction to Linux, Open Source Development, and GIT	4	3,160 €

ID	Training	Duration in days	Fee
----	----------	---------------------	-----

Other trainings

SEC01	Automotive Security Foundation Training	0.5	450 €
SSC01	Safe and secure coding for C developers	2	1,640 €
SSC02	Safe and secure coding for C++ developers	2	1,640 €
TFC01	Basic Fuel Cell System	1	825 €
VHD01	Vehicle Diagnostics	2	1,640 €

Bosch Engineering Training Center, January 2019. Amendments may occur.