

Rev up your brain –  
it's time to learn

Bosch Engineering

Professional training courses on vehicle technology



## Price list 2021

ID	Training	Duration in days	Fee
<b>Diesel engine technology</b>			
TD001	Basics of diesel technology	1	855 €
TD002	Engine management functions in diesel engines	3	2,550 €
TD002A	Torque structure & fuel system of the diesel engine	1	855 €
TD002B	Air system of the diesel engine	1	855 €
TD002C	Exhaust system of the diesel engine	1	855 €
TD003	Calibration technique	1	855 €
TD004	On-board diagnostics (OBD) diesel	1	855 €
TD006A	Diagnostic system manager	1	855 €
TD006B	Diagnostic system manager from the perspective of OBD	1	855 €
TD009	Hydraulics, high pressure generation, injection system	1	855 €
<b>Electromobility</b>			
TH001	Basics principles of the hybrid system for motor vehicle	1	855 €
TH002A	Hybrid system – operating strategy and torque coordination	1	855 €
TH002B	Start/ stop procedure in hybrid vehicles	0.5	465 €
TH003	Electric drive, power electronics, and control	2	1,700 €
TH004	Basic principles of Li-Ion battery systems	1	855 €
TH006	Safety in electric mobility	1	855 €
TH007	Regenerative braking systems	1	855 €
VCU01	Vehicle control unit (VCU) for electric vehicles	1	855 €
PN001	E/E-Systems – basics powernet	1	855 €
PN002	E/E-Systems – advanced Training powernet	1	855 €

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### Gasoline engine technology

TM001	Basics of gasoline engine management	1	855 €
TM002	Engine control functions of Motronic ME/MED	4	3,280 €
TM002A	Engine control functions of Motronic ME/MED - torque structure	1	855 €
TM002B	Engine control functions of Motronic ME/MED - air system	1	855 €
TM002C	Engine control functions of Motronic ME/MED - fuel system and ignition system	1	855 €
TM002D	Engine control functions of Motronic ME/MED - exhaust system	1	855 €
TM003	Motronic ME/MED - on-board diagnostics	2	1,700 €
TM010	Motronic ME/MED - legislation pertaining to exhaust emissions and diagnostics	0.5	465 €
TM011	Motronic ME/MED - cylinder deactivation	1	855 €
MO001	Monitoring	0.5	465 €

### Powertrain technology

TP003	Basics of model - based optimization processes	1	855 €
TP004	Course for transferring from MEDC17 to MDG1C for calibration	1	855 €
TP006	Control systems - fundamentals and application	2	1,700 €

### Vehicle networking

AR001	AUTOSAR fundamentals for developers of "basic software"	1.5	1,380 €
CN001	Basic training in CAN	1	855 €
ETH01	Ethernet and IP architecture	1.5	1,380 €
ETH02	Practical aspects in the analysis of Ethernet networks and CANoe live demo	0.5	0 €
FR001	FlexRay basic training	1	855 €

### Functional safety

FS001	Introduction to functional safety in the automotive sector (ISO 26262)	1	855 €
FS002	Functional Safety (ISO 26262) for systems	1	855 €

### Cybersecurity & artificial intelligence (AI)

AI003	Machine learning - deep learning: a hands-on introduction	2	1,700 €
AI004	Security and AI training	0.5	465 €
SEC01	Basic training course in automotive security	0.5	465 €
SSC01	Safe and secure coding for C developers	2	1,700 €
SSC02	Safe and secure coding for C++ developers	2	1,700 €

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### Other trainings

DSM01	Diagnostic system management	0.5	465 €
IOT01	IoT & platform business model innovation	2	1,400 €
KMT01	Conflict management while moderations and team coaching	2	1,700 €
LNX01	Embedded Linux development with the Yocto Project	4	3,280 €
LNX02	Building and developing on Automotive Grade Linux (AGL)	1	855 €
LNX03	Developing device drivers for embedded Linux systems	4	3,280 €
LNX04	Linux kernel debugging and security	4	3,280 €
LNX05	Linux kernel internals and development	4	3,280 €
LNX06	Optimizing Linux device drivers for increased energy efficiency	4	3,280 €
LNX07	Introduction to Linux, open-source development, and Git	4	3,280 €
MBSE01	Model-based systems engineering basics	2	1,700 €
TFC01	Basic principles of fuel cell systems	1	855 €
VHD01	Vehicle diagnostics	2	1,700 €

Bosch Engineering Training Center, November 2020. Amendments may occur.