

PFEV – Electric and hybrid vehicle HVAC systems



Schedule – CW xx/20xx

Training leadership: N.N.

Day 1

09:00	N.N.	Welcome, general remarks
anschl.	N.N.	Introduction
		Requirements for the thermal management of the battery
		Integration of battery cooling into the cooling system of the vehicle, system variants
10:10	<i>Break</i>	
10:30	N.N.	Integration of battery cooling into the cooling system of the vehicle, system variants
		Electric compressors: structure, function, types of construction, power control
11:40	<i>Lunch break</i>	
12:30	N.N.	Electric compressors: structure, function, types of construction, power control
		Heating of electric and hybrid vehicles: requirements, system variants, heat pump
14:00	<i>Break</i>	
14:10	N.N.	Heating of electric and hybrid vehicles: requirements, system variants, heat pump
15:00	<i>Break</i>	
15:10	N.N.	Heating of electric and hybrid vehicles: requirements, system variants, heat pump
		Laboratory exercise for evaporator defrosting
16:15	N.N.	Open questions, farewell
16:30		End of the training

After 45 minutes of theory at the latest, there is a 5-minute break.