PFBA – Basics of Automotive A/C-Systems

Course Schedule - Calendar week xx/20xx

Training leadership:	**N.N.**

Day 1

09:00	**N.N.**	Welcome, general remarks	
follow.	**N.N.**	Basics of thermodynamics	
09:50	Coffee break		
10:10	**N.N.**	Structure and operational principles of automotive A/C-Systems	
11:40	Lunch break		
12:30	**N.N.**	Superheat, subcooling	
13:55	Coffee break		
14:05		*Laboratory exercise group 1* **N.N.** Installation of an automotive A/C-System	*Laboratory exercise group 2* **N.N.** Dynamics of the refrigerant cycle (block valve)
	10 minutes coffee break 14:50 to 15:20		
16:30	End of first day		

Day 2

08:00	**N.N.**	Discussion of homework, open questions	
follow.	**N.N.**	Components of automotive A/C-Systems (compressor, evaporator, condenser, expansion valve)	
09:50	Coffee break		
10:10	**N.N.**	Components of automotive A/C-Systems (compressor, evaporator, condenser, expansion valve)	
11:40	Lunch break		
12:30	**N.N.**	System variants of automotive A/C-Systems, other components	
13:40	Coffee break		
13:50		*Laboratory exercise group 2* **N.N.** Installation of an automotive A/C-System	*Laboratory exercise group 1* **N.N.** Dynamics of the refrigerant cycle (block valve)
	10 minutes coffee break 14:50 to 15:20		
16:15	Discussion of open questions		
16:30	End of training course		

After a maximum of 45 minutes theory a 5-minute break is provided.

Minor modifications - under protection of the intension of the event - reserved.