

AS GoRail's programme for general training for train drivers

Training curriculum

No.	Curriculum topics	Number of lessons
1	Theoretical training	beginner / assistant train driver
1.1.	Required general knowledge for train drivers	25/8
1.2.	Traffic safety equipment. Communication and protection equipment	18/10
1.3.	Rolling stock construction	74/37
1.4.	EU directives. Railways Act Rules for technical use. Instructions. Responsible positions. Ensuring traffic safety. AS GoRail's safety management system	78/20
1.5.	Railway infrastructure	41/17
1.6.	Occupational health and safety of train crews. Fire safety, environmental protection and first aid	34/30
1.7.	Driving of rolling stock, responding to emergency situations	97/38
	Total	367/160

Thematic plan for the general training curriculum

No.	Curriculum topic	Number of lessons
1	Required general knowledge for train drivers	beginner / assistant train driver
1.1.	Requirements concerning the skills and knowledge of train drivers	5/2
1.2.	Responsibilities and liability as a train driver	12/2
1.3.	Overview of EU railways	4/2
1.4.	Procedure for obtaining a train driver's licence and complementary certificate	4/2
	Total	25/8
2	Traffic safety equipment. Communication and protection equipment	
2.1.	Protection equipment used in rolling stock	8/4
2.2.	Procedure in the event of failure of protection equipment	4/2
2.3.	Importance of communication, communication equipment and procedures	2/2
2.4.	Radiocommunication on railways, use of different radio stations	4/2

		Total	18/10
3	Rolling stock		
3.1.	General knowledge of rolling stock		2/2
3.2.	Rolling stock operating principles and classification		8/3
3.3.	Basics of electrical engineering and electronics		8/4
3.4.	Rolling stock power sources and transmissions		8/4
3.5.	Rolling stock frame, chassis, wheelsets and automatic couplers		8/4
3.6.	Electrical machinery and equipment, batteries		8/4
3.7.	Pneumatic equipment, brake systems		8/4
3.8.	Rolling stock control units		8/4
3.9.	Different types of wagons		8/4
3.10.	General knowledge of rolling stock repair and maintenance		8/4
		Total	74/37
4	EU directives. The Railways Act. Rules for technical use of railways. Safety management system. Instructions.		
4.1.	EU directives and regulations concerning the work of train drivers		8/3
4.2.	Railways Act		10/3
4.3.	Rules for technical use of railways and annexes thereto		36/6
4.4.	Ensuring traffic safety. AS GoRail's safety management system		8/2
4.5.	Responsible positions, duties and responsibilities		6/2
4.6.	Documentation		10/4
		Total	78/20
5	Railway infrastructure		
5.1.	Infrastructure and management systems		10/4
5.2.	Infrastructure facilities, construction and repair		9/3
5.3.	Station management, equipment and structures		10/3
5.4.	Infrastructure signalling system and communication		9/4
5.5.	Electrical installations and overhead contact line		3/3
		Total	41/17
6	Occupational health and safety of train crews		
6.1.	First aid training		16/16
6.2.	Fire safety training		8/8
6.3.	Rolling stock fire safety requirements		2/2
6.4.	Occupational safety		4/2
6.5.	Environmental protection		4/2
		Total	34/30
7	Driving of rolling stock, emergency situations		
7.1.	Traffic safety, driver's responsibilities when driving a train. Servicing trains on train paths in various situations		25/10
7.2.	Receipt and delivery of rolling stock		9/2
7.3.	Rolling stock traction, train weight, acceleration, towage		6/4
7.4.	Inspection of automatic brake systems before departure and during the journey		12/6
7.5.	Train driver's duties during shunting operations		9/2

7.6.	Working with hazardous goods	6/4
7.7.	Elimination of rolling stock failures on the train path	18/6
7.8.	Responding to emergency situations	12/4
		Total 97/38