



Price List 2016

Technical Training for Traction and Rolling Stock Courses

		Duration	Total Price Per Person	Attendees Max
Course Code	Introductory Courses			
NTAR 0001	Train Vehicle Introduction (for non-technical staff)	1	£375	8
NTAR 0004	Five Day Introduction to Traction and Rolling Stock	5	£2,500	8
NTAR 0015	Five Day Introduction to Traction and Rolling Stock for Technicians	5	£1,500	6
Course Code	Technical Training Courses: Doors			
NTAR 0039	Advanced Doors Maintenance	4	£1,200	4
NTAR 0012	Introduction to Doors Maintenance	2	£700	6
NTAR 0013	Universal Toilet Doors	1	£375	6
Course Code	Technical Training Courses: Electrical Systems			
NTAR 0041	Introduction to Electrical Fault Finding	2	£700	6
NTAR 0016	Current Collection and Electrical Systems	2	£700	8
NTAR 0017	Maintenance of On-Train Monitoring Recorder	1	£375	4
NTAR 0019	Systems / Schematics	3	£900	4
Course Code	Technical Training Courses: Heating, Ventilation and Air Conditioning (HVAC)			
NTAR 0020	Fundamentals of HVAC System Maintenance: Saloon	1	£375	6
Course Code	Technical Training Courses: Mechanical Systems			
NTAR 0021	Bogie Maintenance	1	£375	8
NTAR 0038	Brakes Course	3	£900	8
NTAR 0040	Torque Awareness	1	£375	8
NTAR 0003	Coupler Maintenance	1	£375	6
NTAR 0024	Cummins Diesel Engine	4	£1,200	6
NTAR 0025	Pantograph Operation and Maintenance	1	£375	8
NTAR 0011	Sanding Equipment Operation and Maintenance	1	£375	4
Course Code	Technical Training Courses: Toilets			
NTAR 0026	EVAC Toilets	1	£375	8
Course Code	Technical Training Courses: Train Communication Systems			
NTAR 0027	Automatic Warning System (AWS) and Train Protection Warning System (TPWS): Maintenance and Fault-Finding	1	£375	8
NTAR 0028	Introduction to Global System for Mobile Communication Railway (GSMR): Including Basic Maintenance Tasks	1	£375	8
NTAR 0029	Radio and Cab Safety Systems	2	£700	8

		Duration	Total Price Per Person	Attendees Max
Course Code	Technical Training Courses: Wheels and Axles			
NTAR 0037	Axle Bearing Assessor	1	£375	4
NTAR 0030	Wheels and Axles Inspection and Maintenance	1	£375	8
Course Code	Developmental Courses			
NTAR 0031	Effective Interviewing	2	£700	12
NTAR 0032	Supervisory Development Programme Module One: An Effective Supervisor	3	£900	12
NTAR 0033	Supervisory Development Programme Module Two: Discipline and Grievance	1	£375	12
NTAR 0034	Supervisory Development Programme Module Three: Problem Solving	1	£375	12
Course Code	Health & Safety Courses			
NTAR 0005	Awareness of Bio-Hazards	0.5	£187.50	10
NTAR 0006	Introduction to Control of Substances Hazardous to Health (COSHH)	0.5	£187.50	10
NTAR 0007	Environmental Awareness	1	£375	8
NTAR 0008	Fire Safety Awareness	0.5	£187.50	8
NTAR 0010	Safe Manual Handling Techniques	0.5	£187.50	8
NTAR 2201	Fire Warden / Marshal	1	£375	8
NTAR 2202	First Aid At Work	3	£900	8
NTAR 2203	First Aid At Work Refresher	2	£700	8
NTAR 2204	Health and Safety Induction (Including Emergency First Aid)	2	£700	10
NTAR 2205	Institute of Occupational Safety and Health (IOSH) Managing Safely	5	£1,500	8
NTAR 2206	Institute of Occupational Safety and Health (IOSH) Working Safely	1	£375	8
NTAR 2207	Personal Track Safety (AC and DCCR)	2	£700	12
NTAR 2208	Personal Track Safety Refresher (AC and DCCR)	2	£700	12
NTAR 2209	Practical Use of Fire Extinguisher / Fire Fighting	0.5	£187.50	8
NTAR 2210	Refrigerant Handling (F Gas Handling Fluorinated Gases and Ozone Depleting Substances)	5	£1,500	8
Course Code	Operational Training Courses			
NTAR 0035	Operations Controller Course	2	£750	4
NTAR 0036	Shunting Course	5	£1,500	4
NTAR 0042	Emergency Coupler Course	1	£375	4

Professional Skills Development Courses

		Duration	Total Price* Per Person	Attendees Max
Course Code	IMechE			
NTAR 2103	Introduction to Rolling Stock	1	£450/400	8
NTAR 2104	Traction and Braking	1	£450/400	8
NTAR 2105	Fleet Maintenance - Introduction	1	£450/400	8
NTAR 2106	Fleet Maintenance - Advanced	1	£450/400	8
NTAR 2107	Introduction to Railway Signalling Technologies	5	£2,000/1,500	8
NTAR 2101	Vehicle Dynamics and Vehicle Track Interaction	1	£450/400	8
NTAR 2109	Vehicle Authorisation, Acceptance and Approvals	1	£450/400	8
NTAR 2110	Train Control and Safety Systems	1	£450/400	8
NTAR 2111	Train Communication and Auxiliary Systems	1	£450/400	8
NTAR 2112	Structural Integrity	1	£450/400	8
Course Code	IRO			
NTAR 2126	Introduction to the UK Railway	1	£400/350	12
NTAR 2113	Emergency and Incident Management	0.5	£250/200	12
NTAR 2114	Performance Management	0.5	£250/200	12
NTAR 2115	Delivering Passenger and Freight Services	0.5	£250/200	12
NTAR 2116	Managing Safety	0.5	£250/200	12
NTAR 2117	Principles of Customer Service	0.5	£250/200	12
NTAR 2118	Operational Planning and Timetabling	0.5	£250/200	12
NTAR 2119	People and Change	0.5	£250/200	12
NTAR 2120	Railway Organisations Business Context	0.5	£250/200	12
NTAR 2121	Financial and Investment Planning	0.5	£250/200	12
NTAR 2122	Railway Engineering, Maintenance and Renewal Management	0.5	£250/200	12
Course Code	IRR			
NTAR 2123	Wheelset Maintenance Optimisation	1	£500	12
NTAR 2102	Railway Vehicle Dynamics and Wheel-Rail Interaction	3	£1,500	12
NTAR 2124	Railway Systems Safety and Risk MSc (UK students)	Full Time	£9,500	12
NTAR 2124	Railway Systems Safety and Risk MSc (Overseas students)	Full Time	£17,800	12
NTAR 2124	Railway Systems Safety and Risk MSc (Over 2 Years)	Part Time	£12,100	12
NTAR 2124	Railway Systems Safety and Risk MSc (Individual Modules)	Individual Modules	£1,750	12
Course Code	Other Professional Skills Development			
NTAR 2080	Introduction to Whole Life Costing and Value	1	£900	8
NTAR 2081	Applying WLC and WLV in Practice	3	£900	8
NTAR 2082	Leadership and Whole Life Costing	1	£450	8
NTAR 2100	Condition Monitoring	2	£750	12

* If you are a member of IMechE or IRO the lower price applies for your organisation.

Leadership and Management Courses

		Duration	Total Price Per Person	Attendees Max
Course Code	Leadership and Management			
NTAR 3061	Leadership and First Line Management in the UK Rail Industry L3	2	£600**	12
NTAR 3060	Leading and Managing Teams in the UK Rail Industry L3	2	£600**	12
NTAR 3062	Project Leadership and Project Management in the UK Rail Industry L3	2	£600**	12
NTAR 3064	Leadership and First Line Management in the UK Rail Industry L5	2	£700**	12
NTAR 3063	Leading and Managing Teams in the UK Rail Industry L5	2	£700**	12
NTAR 3065	Project Leadership and Project Management in the UK Rail Industry L5	2	£700**	12
NTAR 2125	Delivering the Rail Customer Experience - A Leader's Perspective	1	£300	12
NTAR 3070	Fundamentals of Systems Engineering and Safety Management	3	£1,000	25
	CMI Award Registration L3	-	£90pp	-
	CMI Certificate Registration L3	-	£126pp	-
	CMI Award Registration L5	-	£108pp	-
	CMI Certificate Registration L5	-	£156pp	-

** Please remember to add the relevant Registration fee, per person, from the list above.

Digital Railway Courses

		Duration	Total Price Per Person	Attendees Max
Course Code	Advanced Telecoms			
NTAR 1045	Railway FTN / GSMR Network Overview	2	£143	12
NTAR 1052	Railway FTN / GSMR REB DC Power	2	£193	12
NTAR 1053	Railway IP Systems Commissioning	5	£1,079	12
NTAR 1055	Railway Customer Information Systems	3	£440	12
NTAR 1056	Station PA Systems	3	£440	12
NTAR 1058	FTN Networking and Connectivity for Commissioning Staff	5	£650	12
NTAR 1040	Railway Optical Fibre Cable Joint Preparation and Splicing	3	£575	12
NTAR 1043	FTN Optical Fibre Spur Joining and Termination	2	£628	12
NTAR 1042	Multimode Optical Fibre Cable for Railway Application	2	£628	12
NTAR 1041	Railway Optical Fibre Testing to FTN / GSMR Standards	3	£1,217	6
NTAR 1044	Railway Optical Fibre Testing Result Analysis for Managers	1	£143	12
NTAR 1046	Railway Copper Cable Jointing and Termination	2	£210	12
NTAR 1047	Railway Copper Cable Testing for FTN	3	£1,320	4
NTAR 1048	Railway Data Cabling for LAN's, CCTV and DOO Systems	2	£185	12
NTAR 1049	Railway Blown Fibre Installation	2	£304	12
NTAR 1050	Railway Cable Avoidance Tool (C.A.T and GENE)	1	£88	12
NTAR 1051	Aerial Rigging for Railway GSMR Structures	3	£800	12
NTAR 1054	Railway FTN / GSMR Enclosure Maintenance	2	£152	12
Course Code	ERTMS			
NTAR 1590	Basic Introduction to ERTMS	0.5	£187.50	8
NTAR 1591	Introduction to ERTMS	1	£375	8
NTAR 1592	ERTMS for Train Controllers	2	£750	12
NTAR 1593	Introduction to ERTMS for Train Crew and Dispatch	1	£375	12
NTAR 1594	Introduction to ERTMS On-board Systems	0.5	£187.50	12
NTAR 1595	Introduction to Maintenance of ERTMS On-board Systems	1	£375	12
NTAR 1596	Advanced Maintenance of ERTMS On-board Systems	5	£1,500	8

Facility Hire

Room Hire per day	Price	Capacity	Number Available
Technical Training Hall	£1,000	36	1
Rail Electrification Training Room	£400	12	1
ERTMS Training Room	£400	12	1
Virtual Reality Suite	£400	12	1
Digital Railway Training Room	£400	12	1
Non-technical Training Rooms	£300	16	3
Multipurpose/Conferencing Area	£500	100	1

Room hire includes use of wifi and the specialist equipment in each room. NTAR may request that use of specialist equipment is limited to customers providing qualified trainers. Catering and refreshment options are available on request priced as a package or per delegate. Accommodation is available through our partner hotels at discounted rates.

Resources

NTAR can provide or source specialist training resource to support your individual needs at the following rates:

Resource	Price per day
Technical Trainer	£500
Senior Technical Trainer	£750
Specialist Training Consultant	£1,000
NTAR Senior Adviser	£1,250

Memberships & Discounts

NTAR annual membership	Annual fee	Degree of discount***	The NTAR Founder Member scheme (valid for ten years)	One off fee	Degree of discount***
Gold	£10,000	20%	Gold	£25,000	20%
Silver	£5,000	10%	Silver	£12,500	10%
Bronze	£2,500	5%	Bronze	£6,250	5%
SME	£1,000	10%	SME	£2,500	10%

Volume discount	Annual spend	Degree in subsequent year**
Tier 1	£100,000	20%
Tier 2	£50,000	10%
Tier 3	£25,000	5%
SME Tier	£10,000	10%

*** Discounts apply to all technical courses, digital railway courses, leadership and management courses, catering, provision of resource and room and facility hire. Discount schemes exclude PSD courses provided directly by IMechE, IRR and IRO. Customers fully booking complete courses will receive a 20% discount of the advertised delegate rate.

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