



**Discovery Tools**  
**Training, Consulting & Conferences Organizing**



**Electrical and Power Engineering**

**Training Plan**  
**2023**



## Electrical and Power Engineering

Code	Course Title	Date	Venue
EPE 146	Configuring and Testing Smart Field Devices	01 – 05 JAN 2023	Istanbul
EPE 148	Solar Power System Theory and Maintenance	08 –12 JAN 2023	Istanbul
EPE 150	Generator Excitation Systems	15 – 19 JAN 2023	Cairo
EPE 152	ARC Flash Electrical Safety, Protection and Hazard	15 – 19 JAN 2023	Istanbul
EPE 154	Design Of Modern Electrical Distribution Systems	22 – 26 JAN 2023	Dubai
EPE 156	Distributed Electricity Generation and Transmission	22 – 26 JAN 2023	Istanbul
EPE 158	Transformers Operation and Maintenance	29 JAN – 02 FEB 2023	London
EPE 160	Installation, Maintenance and Safety of Electrical Equipment in Hazardous Areas	29 JAN – 02 FEB 2023	Cairo
EPE 162	Energy Isolation	05 – 09 FEB 2023	Istanbul
EPE 164	Electrical Installation, Wiring and Maintenance	05 – 09 FEB 2023	Dubai
EPE 166	Electrical Distribution Systems Design and Installation	12 – 16 FEB 2023	Austria
EPE 168	Electrical Safety Procedures and Standards for Electrical Engineers	12 – 16 FEB 2023	Istanbul
EPE 170	Transmission Lines Design and Installation	19 – 23 FEB 2023	Amsterdam
EPE 172	Design, Maintenance of High, Medium and Low Voltage Switchgears (HV, MV & LV)	19 – 23 FEB 2023	Dubai
EPE 174	Power System Blackouts Preventive Measures	26 FEB – 02 MAR 2023	Sharm El Sheikh
EPE 176	Switchgear, Circuit Breakers and Power Transformers – Efficient Operation and Maintenance	26 FEB – 02 MAR 2023	Istanbul
EPE 178	Electrical Drawings and Control Circuits	05 – 09 MAR 2023	Kuala Lumpur
EPE 180	Electrical Engineering for Non-Electrical Engineers	05 – 09 MAR 2023	Cairo
EPE 182	Troubleshooting, Maintenance and Protection of AC Electrical Motors and Drives	12 – 16 MAR 2023	Istanbul



EPE 184	Electrical Power System Engineering: Design, Analysis, Fault Limiting, PFC, Harmonic Controls and Protection	12 – 16 MAR 2023	London
EPE 186	Mini MBA in Power, Electricity and Industry Infrastructure	19 – 23 MAR 2023	Istanbul
EPE 188	Electrical Drawings and Schematics	19 – 23 MAR 2023	Cairo
EPE 190	Electrical Engineering Practices for Facilities Engineer	26 – 30 MAR 2023	Cairo
EPE 192	Power System Blackouts and Restoration	26 – 30 MAR 2023	Istanbul
EPE 194	Modern Electric Power Systems: Design, Modeling, Analysis and Problem Solving	02 – 06 APR 2023	Dubai
EPE 196	Electrical Transient Analysis (ETAP) on Circuits	02 – 06 APR 2023	Istanbul
EPE 198	Electrical Demand-Side Management (EDSM)	09 – 13 APR 2023	London
EPE 200	Protection Schemes For Generators and Recommended Settings	09 – 13 APR 2023	Dubai
EPE 202	Electrical Faults Troubleshooting	16 – 20 APR 2023	Istanbul
EPE 204	Electrical Equipment Selection, Applications, Operation, Diagnostic Testing, Troubleshooting and Maintenance	16 – 20 APR 2023	Cairo
EPE 206	Advanced Generator Maintenance	23 – 27 APR 2023	Austria
EPE 208	Certified Power Plant Operator	23 – 27 APR 2023	Istanbul
EPE 210	Electrical Inspection and Testing	30 APR – 04 MAY 2023	Amsterdam
EPE 212	Uninterruptible Power Supply Systems	30 APR – 04 MAY 2023	Cairo
EPE 214	Power Quality, Harmonics Mitigation and Reactive Power Management	07 – 11 MAY 2023	Sharm El Sheikh
EPE 216	Basic Electrical and Instrumentation Design	07 – 11 MAY 2023	Istanbul
EPE 218	Boiler Control and Burner Management Systems	14 – 18 MAY 2023	Kuala Lumpur
EPE 220	Construction, Installation and Maintenance of a Transformer	14 – 18 MAY 2023	Dubai
EPE 222	TAMCO High Voltage Switchgears	21 – 25 MAY 2023	Istanbul
EPE 224	Printed Circuit Board (PCB) Design, Implementation and Troubleshooting Techniques	21 – 25 MAY 2023	London
EPE 226	Process Control Valves and Actuators	28 MAY – 01 JUNE 2023	Istanbul



EPE 228	Programmable Logic Controllers (PLC) and SCADA System	28 MAY – 01 JUNE 2023	London
EPE 230	Certified Control Systems Technician (CCST)	04 – 08 JUNE 2023	Cairo
EPE 232	Power and Power Stations (Design, Installation and Maintenance)	04 – 08 JUNE 2023	Istanbul
EPE 234	Substation Design and Operation	11 – 15 JUNE 2023	Dubai
EPE 236	Safety Instrumented Systems (SIS) For Process Industries Using IEC 65 and IEC 6508	11 – 15 JUNE 2023	Cairo
EPE 238	High and Medium Voltage Substation Design, Testing and Maintenance	18 – 22 JUNE 2023	London
EPE 240	Condition Monitoring Of Power System Equipment	18 – 22 JUNE 2023	Istanbul
EPE 242	Circuit Breakers and Switchgears Inspection, Maintenance, Design, Repair and Troubleshooting	25 – 29 JUN 2023	Istanbul
EPE 244	Advance Electrical Troubleshooting , Repairs and Isolations Techniques	25 – 29 JUN 2023	Dubai
EPE 246	Electrical Circuits Fundamentals	02 – 06 JULY 2023	Austria
EPE 248	Electrical Maintenance Principles and Applications	02 – 06 JULY 2023	Istanbul
EPE 250	High Voltage Operational Safety For Engineers and Technicians	09 – 13 JULY 2023	Amsterdam
EPE 252	Grounding Systems Design and Application	09 – 13 JULY 2023	London
EPE 254	Advanced Power Distribution Engineering For Utilities	16 – 20 JULY 2023	Sharm El Sheikh
EPE 256	Solar Energy System – Installation and Storage	16 – 20 JULY 2023	Istanbul
EPE 258	The Programmable Power Supply (PPS)	23 – 27 JULY 2023	Kuala Lumpur
EPE 260	Electrical Distribution Equipment Operation and Maintenance	23 – 27 JULY 2023	Dubai
EPE 262	Industrial Electronics and Applications	30 JULY – 03 AUG 2023	Istanbul
EPE 264	Smart Metering	30 JULY – 03 AUG 2023	Cairo
EPE 266	Combustion Control System	06 – 10 AUG 2023	Istanbul
EPE 268	Industrial Electronics Maintenance Skills	13 – 17 AUG 2023	Cairo
EPE 270	Maintenance of Circuit Breakers and Switchgears	20 – 24 AUG 2023	Dubai



EPE 272	Introduction To Reading Of Electrical Drawings and Diagrams	27 – 31 AUG 2023	London
EPE 274	Diesel Power Generating Maintenance and Troubleshooting	03 – 07 SEP 2023	Istanbul
EPE 276	Instrumentation, Controls and Electrical Systems for Facilities Engineers	10 – 14 SEP 2023	Austria
EPE 278	Distribution Overhead Transmission Line Equipment	17 – 21 SEP 2023	Amsterdam
EPE 280	Maintenance and Troubleshooting of UPS Systems and Battery Power Supplies	24 – 28 SEP 2023	Sharm El Sheikh
EPE 282	Fundamentals of Electrical Systems	01 – 05 OCT 2023	Kuala Lumpur
EPE 284	Electrical Equipment Installation Control Systems Commissioning (Testing Start Up of Electrical System)	08 – 12 OCT 2023	Istanbul
EPE 286	Modern Power System Protective Relaying	15 – 19 OCT 2023	Istanbul
EPE 288	Advanced Power System Analysis In Electrical Networks using ETAP Power Station	22 – 26 OCT 2023	Cairo
EPE 290	Operation and Maintenance of Electric Generators	29 OCT – 02 NOV 2023	Dubai
EPE 292	Electrical Faults Causes, Analysis, Detection and Remedies	05 – 09 NOV 2023	London
EPE 294	Power System Analysis and Calculations in Electrical Networks using ETAP Power Station	12 – 16 NOV 2023	Istanbul
EPE 296	Tuning Control Loops, Feedback and Advanced Controllers	19 – 23 NOV 2023	Austria
EPE 298	Power Systems Protection - Control and Stability	26 - 30 NOV 2023	Amsterdam
EPE 300	Variable Frequency Drives	03 – 07 DEC 2023	Istanbul
EPE 302	Practical Operation, Maintenance and Testing of Diesel Power Generation Plants	10 – 14 DEC 2023	Dubai
EPE 304	Advanced Power Transmission Technologies	17 – 21 DEC 2023	Cairo
EPE 306	Operational Performance Electric Power Systems	24 – 28 DEC 2023	Istanbul