

Programme Overview

Week No.	Electrical Discipline	Instrument Discipline	Mechanical Discipline
1	Induction	Induction	Induction
2	Risk Assessment/Manual Handling/HSE/COSHH	Risk Assessment/Manual Handling/HSE/COSHH	Risk Assessment/Manual Handling/HSE/COSHH
3	Basic Hand Tools	Basic Hand Tools	Basic Hand Tools
4	Engineering Drawing	Engineering Drawing	Engineering Drawing
5	Electrical Drawing	Basic Instrument	Measurement & Marking Out
6	Basic Electrical	Basic Instrument	Key fitting
7	Basic Electrical	Instrument Drawing	Pumps & Valves
8	Electrical Principles	Instrument Fitting	Gears & Bearings
9	Electrical Installation	Flow	Couplings & Shafts
10	Panel Building	Calibration & Testing	Alignment
11	Fault Finding	Small Bore Pipe Fitting	Drives, Lubricants, Seals
12	AC/DC Motors	P&ID's	Hydraulics & Pneumatics
13	Testing & Inspection	Control Valves	Compressors, Heat Exchangers
14	Electronics	Smart Instruments/DCS	Hand Torque of Bolted Flanges/Preventative Maintenance
15	PLC's	PLC's	Lathes/Mills
16	Client Site Visits	Client Site Visits	Client Site Visits
17 to 26	Industrial Project	Industrial Project	Industrial Project

Week No.	Chemical Discipline	Health & Safety Discipline
1	Induction	Induction
2	Risk Assessment/Manual Handling/HSE/COSHH	Risk Assessment/Manual Handling/HSE/COSHH
3	Basic Hand Tools	Basic Hand Tools
4	Engineering Drawing	IOSH Working Safely
5	Identify & deal with hazards in the work environment (Batch Rig)	IOSH Managing Safely
6	Respond to incidents, Hazardous conditions and emergencies (Batch Rig)	NEBOSH International General Certificate
7	Prepare for Batch Rig Processing	NEBOSH International General Certificate
8	Control, monitor and adjust the batch rig – Process Operation	NEBOSH International General Certificate
9	Complete Batch Processing Operations	NEBOSH International General Certificate
10	Sample and Test Materials (Batch Rig)	NEBOSH International General Certificate
11	Clean and Prepare Complex Items of Plant and Equipment (Batch Rig)	NEBOSH International General Certificate
12	Handover & Work within a Team (Batch Rig)	NEBOSH International General Certificate
13	3 Phase Separation	Rigging & Slings/Inspection & Use of Ladders
14	Heat Exchanger/Steam Boiler	First Aid
15	Prosimm	Confined Space/Abrasive Wheels
16	Client Site Visits	Client Site Visits
17 to 26	Industrial Project	Industrial Project