Training Courses and Workshops

ITR offers an ever-expanding line of technical and non-technical training courses, workshops, and curriculums to meet the needs of customers in a variety of industries. Following is a partial list of courses and workshops that can each be tailored and customized in terms of focus, content, case studies, exercises, assessments, duration, and audience:

Todos cursos se ofrecen en español

Quality, Design, and Engineering-Related Topics	Geometric Dimensioning and Tolerancing (GD&T), Tolerance Stacks, Dimensional Mgt.
• Advanced Product Quality Planning (APQP)	• GD&T Executive Overview
• Reading Blueprints and Engineering Drawings	• GD&T Basic/Fundamentals
• Capability Analysis (Cp, Cpk, Pp, Ppk, Cpm)	• GD&T Intermediate
• Continuous Improvement Tools & Techniques	• GD&T Advanced
• Control Plan Development	• GD&T Comparison of ASME and ISO Standards
• Design for Lean and Productivity	• GD&T Advanced Applications Workshops
• Design for Manufacturing and Assembly (DFMA)	• How to Apply GD&T to New Designs & Drawings
• Design for Six Sigma (DFSS)	• GD&T for Six Sigma
• Design of Experiments (DOE)	• GD&T for Design for Manufacturing & Assembly
• Dimensional Management Fundamentals	• GD&T Measurement, Inspection, and Gaging
• Error Proofing, Mistake Proofing, and Poka Yoke	• GD&T for Injection Molded Parts
• Failure Mode and Effects Analysis (FMEA)	• GD&T for Cast and Machined Parts
• Gage R&R Fundamentals	• GD&T for Stamped Parts
• Gage R&R Applications Workshop	• Tolerance Stacks Using GD&T
• GD&T (see complete course list in next column)	• Advanced Tolerance Stacks Using GD&T
• Measurement, Inspection, and Gaging (MIG)	• Statistical Tolerancing Fundamentals
• ISO 9000 and TS16949 Awareness/Implementation	• Statistical Tolerancing Advanced Applications
• Lean Production Concepts and Applications	• Dimensional Management Fundamentals
• Measurement Systems Analysis (MSA) GR&R	• Dimensional Management Applications Workshop
• Probability and Statistics Fundamentals	
• Problem Solving and Root Cause Analysis	*Organizational Development Topics*
• Process and Machine Capability	• Career Development and Self-Assessment
• Process Reengineering	• Myers-Briggs Type Indicator (MBTI)
• Production Part Approval Process (PPAP)	• Situational Leadership
• Project Management	• Supervisor and Management Skills
• Quality Function Deployment (QFD) Simplified	• Performance Management
• Six Sigma Concepts and Applications	• Presentation Skills
• Statistical Process Control (SPC)	• Project Management Fundamentals
• Statistical Tolerancing	• Business Process Reengineering
• Standardized Work and Visual Communication	• Process Mapping for Administrative Processes
• Theory of Constraints	• Technical Presentations
• Tolerance Stack Analysis	• Technical Meetings
• Value Stream Mapping	• Team Building