

ROLE-BASED TRAINING GUIDE

Take the guesswork out of planning. Want to know which classes are tailored towards managers, auditors, technology leaders and more? This guide breaks down who benefits most from each course.

GD&T/BLEUPRINT READING

GD&T Fundamentals

CAD designers, engineers, quality supervisors, metrology personnel, manufacturing supervisors, supplier quality engineers, technicians

Blueprint Reading

Maintenance managers, engineers, operators, quality technicians, any employee tasked with analysis of product performance, problem solving and production efficiency

Blueprint Reading for Welders

Anyone who gets customer prints with welding designations and needs to understand the intent to be able to execute or question the print

GD&T Comprehensive

CAD designers, engineers, quality supervisors, metrology personnel, manufacturing supervisors, supplier quality engineers, technicians with previous GD&T experience

FOOD

Food Processing Skills Development

All team members (particularly new hires) in the food industry who want to get up to speed on food safety and process improvement strategies

Preventive Controls Qualified Individual (PCQI)

Food processing lead, quality managers, supervisors, operations managers, sanitation staff, line managers, members of the food safety team

INDUSTRY 4.0

Advanced Manufacturing Technologies

Business leadership, technology implementers, project managers, IT managers, plant operations management, controllers, CFOs, CIOs, owners, decision makers

Digital Process Control

Business leadership, technology implementers, project managers, IT managers, plant operations management, controllers, CFOs, CIOs, owners, decision makers

Enhanced Operations Management

Business leadership, technology implementers, project managers, IT managers, plant operations management, controllers, CFOs, CIOs, owners, decision makers

Human Machine Interaction

Business leadership, technology implementers, project managers, IT managers, plant operations management, controllers, CFOs, CIOs, owners, decision makers

Improving Information Security Through Risk Management

All positions, owners, management, decision makers

Introduction to 3D Printing

Maintenance, engineers, designers, anyone who wants to learn about 3D printing (No experience required)

Introduction to Collaborative Robotics

Operators, technicians, engineers, maintenance, anyone who wants to learn about robots/cobots (No experience required)

LEADERSHIP/WORKFORCE

Building Better Teams

Shop floor personnel, supervisors, team leaders

Building Your Employee Experience

Human resources, management team

Emerging Leaders in Manufacturing Certification

All team members (particularly new hires)

Employee Retention & Engagement

CEO/COO, senior executives, human resources, management team

Finance for the Non-Financial Manager (Virtual & In-Person)

Vice president, management team

Manufacturing Skills Development

All team members (particularly new hires) who need a deeper understanding of manufacturing culture and nomenclature

Practical Approach to Project Management

General managers, plant managers, project managers, estimators, engineers, sales, quality, maintenance, customer service, supply chain, R&D, information technology

Sales Acceleration

Vice presidents, general managers, marketing managers, sales managers, sales/business development representatives

Supervisor Skills

All leaders (seasoned and new)

Supervisor Skills 2.0 - Sustained Leadership Program

Managers, supervisors, team leaders, project leaders, anyone who directs the work of others, any employee working in a supervisory capacity who has attended The Center's Supervisor Skills course (Prerequisite)

VIRTUAL: Frontline Leader

Anyone serving in a frontline leadership or supervisory role looking to improve their communication, coaching, delegation and conflict management skills

VIRTUAL: Project Management Fundamentals

Engineering managers, project leaders

LEAN SIX SIGMA

Advanced Problem Solving: Lean Six Sigma Yellow Belt

All levels of an organization ranging from the leadership and management to team members engaged in hands-on, day-to-day operations; Those taking measurements or participating in studies for Green Belt or Black Belt led projects can benefit greatly from this training

Lean Six Sigma Green Belt

Engineers, operations managers, project leaders, those who want experience with the Lean problem-solving toolkit

LEAN PRINCIPLES & TECHNIQUES

5S Visual Management

Plant/operations managers, supervisors, shop floor personnel

A3 Problem Solving

Lean manufacturing champions, problem-solving teams, quality managers, quality engineers, manufacturing engineers, operations managers, supervisors

Lean Applications

Management, shop-floor personnel

Lean Applications Workforce Training

Top and middle management, manufacturing/industrial/process engineers, shop supervisors, materials management, shop floor leaders

Lean Office Champion

Accounting, office staff, engineering, sales

Mistake-Proofing

Management/supervisors, Lean manufacturing champions, engineers, shop-floor personnel, maintenance personnel

Practical Approach to Supply Chain Management

Management, engineers, supply chain procurement professionals, Lean manufacturing champions

Standard Work

Plant/operations managers, supervisors, shop-floor personnel

Total Productive Maintenance/Quick Changeover

Plant/operations managers, line supervisors, management, maintenance, shop-floor personnel

SAFETY

Battle Tested Safety Tools

Health and safety personnel, management, engineers, anyone tasked with achieving safe workplaces and/or creating a dynamic, strong, positive and enviable safety culture

Lockout/Tagout Safety Training

Health and safety personnel, management, engineers, staff who work near machinery with exposed hazardous energy or are responsible for servicing or maintaining equipment

SIX SIGMA

Advanced Design of Experiments

Engineers, operations managers, current Six Sigma Green Belts, current Six Sigma Black Belts

Introduction to Design of Experiments

Engineers, operations managers, anyone who wants to learn how to run a proper experiment, anyone considering pursuing Six Sigma Green Belt or Black Belt certification

MiniTab Training

Individuals with no previous Minitab experience who need to use the software, individuals who understand statistical methods but want to improve their MiniTab skills, current or future Six Sigma Green Belts

Six Sigma Black Belt

Engineers, production managers, anyone required to use the DMAIC process, anyone wishing to improve their problem-solving skills, those tasked with a quality or performance improvement effort

Six Sigma Green Belt

Project leaders, engineers, operations managers

QUALITY MANAGEMENT

8D Problem Solving (Virtual & In Person)

Plant managers, maintenance, quality managers, engineers, any employee tasked with performing the typical problem-solving activities when trying to determine the root cause(s) of a customer complaint or internally required corrective actions

AIAG-VDA FMEA For Practitioners

Quality managers, engineers, practitioners involved in new product launches

AS13000 8D Problem Solving

Any employee tasked with performing typical problem-solving activities when trying to determine the root cause(s) of a customer complaint or internally required corrective actions

AS9100D Internal Auditor

Plant managers, quality professionals, any employee tasked with performing the internal auditing of the AS9100 quality system, managers whose departments may be audited, all stakeholders in the managing of an internal audit program.

Core Tools: APQP, PPAP & FMEA

Quality engineers, design engineers, product launch team, any employee tasked with performing all or some of the product launch, managers whose departments may be involved in launch, all stakeholders in the managing of a smooth product launch

Core Tools: Measurement Systems Analysis

Quality managers, engineers, any employee tasked with performing gage monitoring activities involved in gage/tester control including initial set up of gage handling program

Core Tools: Statistical Process Control

Quality managers, engineers, operations managers, any employee tasked with performing all or some of the product monitoring activities involved in statistical process control including initial set up of charts or continual charting actions

IATF 16949:2016 Internal Auditor

Plant managers, quality professionals, any employee wanting to be trained to audit to ISO/TS 16949 that is tasked with performing the internal auditing of the IATF 16949:2016 quality system, managers whose departments may be audited, all stakeholders in the managing of an internal audit program

ISO 13485:2016 Internal Auditor

Plant managers, quality professionals, any employee tasked with performing the internal auditing of the ISO 13485 quality system, managers whose departments may be audited, all stakeholders in the managing of an internal audit program

ISO 14001:2015 Internal Auditor

Plant managers, quality managers, environmental managers, maintenance managers, employees within the Environmental Management System that will be performing internal auditing of the system, managers whose departments may be audited, all stakeholders in the managing of an internal audit program

ISO 9001:2015 Internal Auditor

Plant managers, quality professionals, any employee tasked with performing the internal auditing of the ISO 9001 quality system, managers whose departments may be audited, all stakeholders in the managing of an internal audit program

ISO 9001:2015 Lead Auditor

Plant managers, quality professionals, any employee tasked with performing the internal auditing of the ISO 9001 quality system, managers whose departments may be audited, all stakeholders in the managing of an internal audit program, including interfacing with 2nd and 3rd party auditors