



اكتساب تقنيات الحزام الأخضر في Lean Six Sigma

باللغة العربية لتحقيق كفاءة أعمال مثالية

المدة: 5 يوم

اللغة: ar

كود الكورس: PO3 - 116

هدف الكورس

:By the end of this course, participants will be able to

- .Understand Lean and Six Sigma principles and their role in operational excellence •
- Apply the DMAIC (Define – Measure – Analyze – Improve – Control) methodology to real • projects
- Use quantitative and problem-solving tools to identify root causes of defects and • inefficiencies

.Lead Green Belt-level improvement initiatives within cross-functional teams •
Recognise the knowledge, skills, and strategic leadership required to progress toward Black •
.Belt certification

الجمهور

:This course is ideal for

.Process, Quality, and Operations Professionals •
.Industrial, Manufacturing, and Production Engineers •
.Project Managers and Continuous Improvement Specialists •
.Business Analysts and Service Delivery Leaders •
.Professionals seeking certification and career growth in Operational Excellence •

منهجية التدريب

The course uses case studies, simulations, data-analysis labs, and real project examples. Participants work through practical exercises to reinforce tool mastery, team leadership, and .structured problem-solving

الملخص

This program provides a comprehensive and practical foundation in Lean Six Sigma Green Belt tools, methods, and improvement techniques, equipping participants to lead process optimisation projects and reduce operational variation and waste. The course focuses on mastering the DMAIC framework, applying statistical analysis, and driving measurable improvements within teams and .business functions

In addition, the course introduces the Black Belt Pathway, outlining the competencies, leadership capabilities, and analytical methods required to progress to the next certification level. Participants leave with the skills to support continuous improvement initiatives and the strategic .roadmap to advance toward Black Belt expertise

Section 1: Lean Six Sigma Foundations

- .The evolution of Lean Six Sigma in industry •
- .Value, waste identification (Muda), and variation reduction •
- .Roles and responsibilities: Yellow Belt → Green Belt → Black Belt → Master Black Belt •
- .Linking continuous improvement to business strategy •

Section 2: DMAIC - Define & Measure Phases

- .Project selection and project charter development •
- .Voice of the Customer (VOC), CTQs, and process mapping •
- .Data collection planning and sampling strategies •
- .Key measurement concepts: baseline capability, variation, and accuracy •

Section 3: DMAIC - Analyze Phase

- .Identifying root causes using Cause-and-Effect diagrams, 5 Whys, and FMEA •
- .(Statistical methods for problem analysis and hypothesis testing (intro level •
- .Process bottleneck identification and flow inefficiencies •
- .Prioritising improvements through impact assessment •

Section 4: DMAIC - Improve & Control Phases

- .Selecting and testing improvement solutions •
- .Introduction to design of experiments (DOE) principles •
- .Visual management and standardised work systems •
- .Control plans, dashboards, and sustainability of improvements •
- .Documenting results and communicating project impact •

Section 5: Black Belt Pathway — Advancing Skills & Leadership

- .Green Belt vs. Black Belt: scope, responsibilities, and analytical depth •
- .Advanced statistical tools and Lean leadership behaviours •
- .Leading large-scale cross-functional transformation projects •

- Coaching and mentoring improvement teams
- Preparing for Black Belt certification: competency requirements and study roadmap

تفاصيل الشهادة

Holistique Training. عند إتمام هذه الدورة التدريبية بنجاح، سيحصل المشاركون على شهادة إتمام التدريب من (e-Certificate) (Holistique Training) وبالنسبة للذين يحضرون ويكمرون الدورة التدريبية عبر الإنترنت، سيتم تزويدهم بشهادة إلكترونية من Holistique Training.

وخدمة اعتماد التطوير المهني (BAC) معتمدة من المجلس البريطاني للتقييم Holistique Training شهادات ISO 29993 أو ISO 21001 كما أنها معتمدة وفق معايير (CPD) المستمر.

لهذه الدورة من خلال شهادتنا، وستظهر هذه النقاط على شهادة إتمام (CPD) يتم منح نقاط التطوير المهني المستمر واحدة عن كل ساعة CPD يتم منح نقطة، ووفقاً لمعايير خدمة اعتماد Holistique Training. التدريب من لأي دورة واحدة نقدمها حالياً CPD حضور في الدورة. ويمكن المطالبة بحد أقصى قدره 50 نقطة

التصنيفات

إدارة المشاريع، الجودة والإنتاجية

مقالات ذات صلة



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Learn the importance of data cleaning and its benefits in enabling accurate decision-making.

Discover best practices to implement an effective data cleansing strategy and overcome
.common data issues