Develop Real Capability

SQT TRAINING THAT DEVELOPS *REAL* CAPABILITY

Lean Six Sigma Yellow Belt Programme

QQI (FET) Certificate in Lean Six Sigma Yellow Belt
Level 6, Special Purpose Award, 10 FET Credits

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Introduction to SQT and Our Approach

Lean Six Sigma combines two of the most powerful business improvement methodologies: Lean, which reduces waste and improves process speed, and Six Sigma, which minimises defects and enhances capability. Together, they enable impactful improvements across industries.

Our Yellow Belt Programme offers a practical and supported introduction to these principles. Delivered using a team-based approach, learners apply the DMAIC methodology to solve real-world process challenges, guided by expert tutors. This QQI Level 6 accredited programme is designed to develop practical skills that make a real difference.

It is the perfect starting point for individuals who want to begin using Lean Six Sigma to drive improvement in their workplace. At the same time, it offers organisations an excellent way to start building a culture of continuous improvement. Team members apply the tools and techniques to a small group project within their own work area, gaining valuable experience and creating a solid foundation for further progress.

Why Choose SQT

Hands-On, Practical Learning

- Engage in real-world projects that deliver measurable results.
- Apply Lean Six Sigma tools directly to workplace challenges.
- Learn through interactive exercises, case studies, and simulations.

Expert Mentoring & Support

- Assistance and guidance with project selection to ensure you choose the right project
- Ongoing one-to-one mentoring from experienced tutors to ensure project success.
- Access to a wide range of resources via our Moodle learning platform

Industry-Recognized Accreditation

- QQI (FET) Certificate in Lean Six Sigma Yellow Belt Level 6, Special Purpose Award.
- 10 FET credits for professional and academic recognition.

High ROI for Companies & Individuals

- Achieve significant cost savings and efficiency improvements.
- Equip teams with skills to sustain a culture of continuous improvement.
- Enhance career prospects with a globally recognized certification

Flexible Learning Options

- Onsite, virtual, and blended learning formats.
- Tailored training to fit your organization's needs.
- Access to digital resources and e-learning support.

Experienced Industry Practitioners

- Learn from tutors with real-world experience in deploying Lean Six Sigma.
- Gain insights from professionals who have led transformative projects.
- Our tutors will be with you throughout your journey, until your project is delivered.

Programme Overview

At a glance

- QQI Special Purpose Award at Level 6 – 10 FET Credits
- 2 days tutor-led learning + 1 day project review and mentoring over 8 weeks
- Natural work teams from 2-5 members will work together on a group project
- Highly interactive and practical project-based learning methodology
- Final certification contingent on completion of a project
- Available as In-Company programme

The **3-day practical** Yellow Belt Programme (delivered over **6 weeks**) is designed for team-based, project-focused learning. Learners work in small groups, applying DMAIC to real improvement opportunities identified in their organisations. Tutor mentoring and feedback are provided throughout, ensuring learners develop practical competencies.

Structure:

- **Day 1:** Focuses on the **Define** and **Measure** phases. Following Day 1, teams will have an action plan to characterise and investigate the process opportunity.
- **Day 2:** Focuses on the **Analyse**, **Improve** and **Control** phases. Each team will provide a detailed update on their project, receive Tutor feedback, and begin developing and implementing appropriate solutions to verify their impact.
- **Day 3:** Each team will meet individually with the Tutor to review project objectives, deliverables, and documented improvements. The Tutor will mentor and advise the teams before each presents their project for evaluation.

What You Will Learn

Learners will be introduced to the core concepts, tools, and methodology of Lean Six Sigma, gaining insight into how these approaches drive effective process improvement.

Working in small teams, participants will apply what they learn to a real-world project, experiencing first-hand how collaborative problem-solving can lead to meaningful, measurable results. This group-based learning approach reinforces key skills and reflects how successful improvement happens in practice through teamwork, shared insight, and structured action.

Participants will gain:

- A strong understanding of Lean and Six Sigma concepts and their practical application to process improvement challenges.
- Practical skills and confidence in applying the DMAIC methodology to a specific company project.
- Real-life experience delivering measurable results through a team-based project using Lean Six Sigma tools and techniques.
- The confidence and capability to participate in future Yellow Belt projects and support Green Belt initiatives as effective team members.

Core Tools Covered:

- Process Mapping (SIPOC and flow charts)
- Voice of the Customer (VOC)
- Basic graphical analysis (Pareto, Run Charts, Histograms)
- Brainstorming and Root Cause Analysis (5 Whys)
- Error Proofing and Solution Screening
- Standardisation and Visual Management

Who Should Participate?

This programme is ideal for:

- Natural work teams seeking to improve their own processes.
- Individuals participating in Yellow Belt or Green Belt projects.
- Organisations developing a culture of Continuous Improvement.

Each team should include 2–5 members, with at least two team members having process extensive process knowledge.

Entry Requirements

To enrol in the Lean Six Sigma Yellow Belt Programme, applicants should meet the following requirements:

- **Minimum Academic Qualifications**: QQI Level 5 Certificate OR relevant life and work experiences. Through Accredited Prior Experiential Learning (APEL), learners are expected to demonstrate minimum attributes for general learning at Level 5.
- **Project Requirement**: Prospective projects and teams must be agreed with the Company Representative and Tutor in advance of the course. This ensures alignment with the programme guidelines and maximises learning outcomes.
- **Team Requirement:** Each team should include 2-5 members, with at least two members having detailed knowledge and experience of the process being improved.
- **Language Proficiency**: For applicants whose first language is not English, SQT recommends a minimum English language competency equivalent to IELTS 6.0. While a formal examination is not required, learners should self-assess against this benchmark to ensure they can successfully engage with the programme content.

What our Learners Say

"Very engaging tutor and content, regular check ins through the project and very approachable for questions or concerns and accommodations"

Meg R

"Fantastic course, information that was provided was very helpful. I'm looking forward to applying these learnings in the future!"

Levi R

"Very worthwhile, helps to take a step back and look at the bigger picture. Think about what the actual problem is and current state, rather than jumping to conclusions and opinions."

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Assessment and Certification

Assessment is designed to ensure learners can apply Lean Six Sigma tools effectively in real-world scenarios. Each team will be required to complete a project using the DMAIC methodology, demonstrating measurable improvements in their organisation. Each individual in the team will also be required to demonstrate their own individual learning through a learning summary.

Assessment Components

The assessment is broken down as follows:

- Completed A3 Team Report (40%)
- Action Tracker (30%)
- Oral presentation (20%)
- Individual Learner Summary (10%)

Programme Accreditation

Validated by QQI at Level 6 (NFQ), 10 FET Credits and recognised internationally, this certification enhances professional credentials and supports career development.

How Much Work is Involved?

This course consists of 2 days of training and 1 day mentoring. Learners will also complete an Team project which they will work on between the days. Learners should allocate 1 hour per week for 10 weeks per team member.

Project Requirements

Prior to commencement of training, each team must identify a suitable project aligned with their organisation's objectives. The project should be scoped to deliver measurable business benefits.

SQT will provide comprehensive guidelines and a sample Project Charter to assist in project selection and preparation

How Do We Train and Support You?

We provide extensive resources and support to help learners succeed. Our learning materials draw on over 20 years of delivering Lean Six Sigma programmes and are designed to be practical and effective. Learners have full access to these resources throughout training and project work.

Our programme is distinguished by hands on mentoring from our expert Tutor team. These industry practitioners have over 100 years of combined experience leading and supporting major Lean Six Sigma initiatives. Their direct guidance helps learners navigate challenges, refine projects and achieve measurable improvements. Tutor support continues until successful completion of the project.

Company Support & Champion Training

Additional training includes a 1-day 'Introduction to Lean Six Sigma' and a 2-day 'Champion' programme for decision-makers and project sponsors.

Access to Online Learning Resources

SQT's online platform provides:

- Course notes, templates, case studies and video content.
- Additional learning materials such as links to useful external resources.
- Assessment submission and Tutor feedback via our online platform (Moodle).

Customised In-House Courses

Programmes can be tailored to your organisation's needs, ensuring exercises and content are aligned with internal processes and objectives.

Mentoring and Tutor Support

Personalised mentoring and feedback throughout the programme to keep projects on track and deliver meaningful results

Lean Six Sigma Network

Graduates can join SQT's Lean Six Sigma Network for ongoing learning, peer collaboration and best practice sharing.

Your Lean Six Sigma Journey Begins Here

Discover the tools, mindset, and teamwork that power improvement and apply them to a real project from day one

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