

Internationally Certified

Six Sigma Green Belt

Please register prior to Tuesday 5th June 2012



This 10-day Six Sigma Green Belt includes all of the following:

- 8 highly interactive training days facilitated by expert trainers/consultants in a top class 4 * hotel
- 1 day in-company mentoring with each participant
- 1 tutorial day prior to the exam
- ASQ Registration & Exam Fee
- ASQ Six Sigma Green Belt Primer & Practice Exam CD
- SPC for Excel full license version software
- Participant pack which includes Six Sigma Memory Jogger, Six Sigma textbook, all course material on USB, pad and pen
- All training days include morning and afternoon refreshments and midday lunch

Course Dates: 2012

Month 1:

Day 1: Monday 16th July
Day 2: Tuesday 17th July
Day 3: Wednesday 18th July

Month 2:

Day 4: Monday 27th August
Day 5: Tuesday 28th August
Day 6: Wednesday 29th August

Onsite Mentoring

Month 3:

Day 7: Monday 1st October
Day 8: Tuesday 2nd October

Exam Tutorial:

Day 9: Tutorial Friday 2nd November

Course Fee:

€2,700 –1 participant.
€2,500 –2 or more participants from same company

Certification Body:

American Society for Quality
(Recognised worldwide in over 80 countries) www.asq.org

What our past participants have said about the programme:

“Very practical, excellent overall”
“Course was very effective and very well delivered”
“Excellent course, highly applicable and informative”
“Enjoyable and well run course, delivered by highly knowledgeable tutors”
“Good practical experience with opportunity to work with real projects”
“The day goes by really quickly, which is always a good sign. The trainers style is very effective.”
“The course is well paced. The trainer is knowledgeable and the entire programme was very enjoyable”

What can you and your employer expect from the programme?

- The knowledge gained from this programme will help the individual to progress in their career and help their organisation to become more competitive.
- The participants on our programmes to date, have achieved combined savings in excess of €12.7 million for their organisations.

Location: Cork

*This programme can also be run **In-house** anywhere in the country.*

Lean Sigma Systems Ltd,
Ballyburden, Ballincollig, Co. Cork

Tel. 021 4878782 / 086-0873220

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www.leansigmasystems.com

10-day Six Sigma Green Belt

The participants on our programmes to date, have achieved combined savings in excess of €12.7 million for their organisations.

Lean Sigma Systems, is launching a public **Six Sigma Green Belt** programme, which will be run on ten days over six months, commencing July 2012.

Lean Sigma Systems provides value for money to the client by enabling training delegates to complete successful cost saving projects. To achieve this we have designed a course which includes **1 day in-company project mentoring** with each individual participant to ensure return on investment for their organisation. Delegates will also be prepared for ASQ Green Belt Certification.

Who should attend?

Anyone wanting to attain an in-depth understanding of Business Process Improvement, especially personnel working within the Design, Manufacturing, Transactional, Sales or Support Environment. Suitable for Management and Team Leaders through to Shop floor personnel and employees directly involved in the process requiring improvement. This programme requires no prior knowledge or experience of Lean or Six Sigma. This course provides a structured approach to tackling problems, root causing, solving and putting in place a sustaining mechanism to ensure a process is streamlined and problems do not re-appear.

What are Six Sigma and Lean?

Lean and Six Sigma are two very successful methodologies that increase **Productivity and drive Continuous Improvement**. They enable companies to unlock the power of every individual, encourage innovation up and down the organisation and create a simple and direct pathway for every product and service. Lean is an approach to continuous improvement that seeks to **reduce and eliminate non-value added activities** from a process. Six Sigma uses a structured approach known as **DMAIC** (Define, Measure, Analyse, Improve and Control) to reduce variation and improve efficiency.

Lean Sigma Systems is an Irish company and has been very successful in deploying both **Lean** and **Six Sigma** across many companies of all sizes in the Pharmaceutical, Healthcare, Medical Device, Financial, Services, in both Private and Public sectors.

Each training delegate must identify a strategic and comprehensive project which, with the guidance of Lean Sigma Systems, will be successfully completed. The project will deliver real improvement and substantial savings for the delegate's organisation.

What can the participants and their organisation expect from the course?

- The participants will be focused in targeting, organising and driving projects which are expected to save in the region of **€30K +** within their organisation on an annual basis. They will become the focal point in creating project teams, train and mentor these teams and drive a culture of process improvement within their organisation
- Lean Sigma Systems encourage frequent contact between tutor and participants and will also spend **1 day in the participants company** during the course to assist with the successful completion of their project.
- The participant will be registered with the **American Society for Quality** and be required for Green Belt certification, to sit the ASQ examination which is an internationally recognised qualification. The cost of becoming an ASQ member and exam registration is included in the course fee. A one day tutorial is held prior to the exam.
- The participant will receive a full licence version of **SPC for Excel**.
- The participant will receive a soft copy of the course on USB and receive the following textbooks

1. Memory Jogger – Goal QPC

2. ASQ Six Sigma Green Belt Primer

Course Fee

€2,700 –1 participant, €2,500–2 or more participants from same company

Places are limited to 10 participants

Location

Cork

This programme can also be run In-house anywhere in the country.

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Course Presenters

Susan Clancy, NCEA Cert & Dip Eng, BSc, MBB

Consultant, Trainer & Managing Director- Lean Sigma Systems

Susan has over fifteen years experience in Lean and Six Sigma training and consultancy. In this time she has worked within the Pharmaceutical, Healthcare, Medical Device, Aviation, Electronics, Hotel and Catering, IT and Financial Services in the private and public sectors. Susan is a certified Master Black Belt from IQF, a certified Six Sigma Black Belt from ASQ and Air Academy Associates and a certified Lean Practitioner from University of Limerick.



Maria Ryan, BEng, MBA

Consultant, Trainer and Managing Director – Crystal Business Solutions

Maria, a Six Sigma Black Belt, has worked in various staff and managerial roles within Pharmaceutical, Aerospace, Medical Devices, Commercial and Chemical Industries over the past fourteen years. Marias' style ensures that tremendous energy is brought to radically improve processes. Maria has a degree in Mechanical Engineering and a Masters in Business Administration from the University of Limerick.



Donal O'Leary. B.Sc. C.P.I.M.

Consultant ,Trainer & Managing Director- Metrology Systems

A Science Graduate, Donal is also an approved Assessor with the National Institute of Management U.K. and an accredited Internal Assessor for the European Foundation for Quality Management Business Excellence Model. Donal has also presented numerous City and Guilds, University of Oxford and Irish Management Institute accredited soft skills training programmes.



Course Programme		
Workshop 1	Workshop 2	Workshop 3
Introduction to Six Sigma & Lean <ul style="list-style-type: none"> ▪ Participant Introductions ▪ Six Sigma & Lean Overview ▪ Lean Game ▪ 7 Wastes ▪ 5 Lean Principles 	Project Initiation & Facilitating Project Teams <ul style="list-style-type: none"> ▪ Project Charter ▪ SIPOC ▪ Business Process Mapping 	Facilitating Project Teams <ul style="list-style-type: none"> ▪ Working with Teams ▪ Stages Teams go through ▪ Influencing Skills
Workshop 4	Workshop 5	Workshop 6
Introduction to Stats and MSA <ul style="list-style-type: none"> ▪ Introduction to statistics ▪ Introduction to measurement system analysis ▪ Variable gauge R&R ▪ Attribute gauge R&R 	Rolled Throughput Yield & Process Capability <ul style="list-style-type: none"> ▪ Sampling ▪ Rolled throughput yield ▪ Central Limit Theorem ▪ Process capability ▪ Distributions 1 – Normal & Z Score 	Root Cause Analysis <ul style="list-style-type: none"> ▪ 5 Whys ▪ Cause & Effect ▪ FMEA
In-Company Project Mentoring		
Workshop 7	Workshop 8	Workshop 9
Hypothesis Testing, Regression & DOE <ul style="list-style-type: none"> ▪ Hypothesis Testing ▪ Simple Linear Regression ▪ DOE 1 Introduction to DOE ▪ DOE 2 Analysis ▪ DOE 3 Fractional Factorial 	Control Charts <ul style="list-style-type: none"> ▪ Introduction to control charts ▪ Variable control charts ▪ Binomial Distributions ▪ Attribute control charts ▪ Other control charts ▪ Wrap up session 	<ul style="list-style-type: none"> ▪ Tutorial
ASQ Examination December 1st 2012		