

Lean Education Directory

A guide to Irish companies who wish to avail of a lean training course and source a service provider.



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Lean Education Directory

Enterprise Ireland recognises the importance of a formal and structured approach to certified education in Lean business principles and techniques. The [Lean education courses](#) are seen as a natural compliment to [Enterprise Ireland's Lean Business initiative](#). They will supply to manufacturing and service industries an essential cohort of personnel qualified in the application of Lean methodologies required for sustainable continuous improvement within companies. Company employees can achieve Lean qualifications on a part time basis, helping to build their own capability the capacity of the business.

The purpose of the [Lean Education Directory](#) is to assist Enterprise Ireland clients' who wish to avail of a Lean training course and want to source a service provider. Clients are wholly responsible for selecting a Lean Education service provider.

The Directory is compiled into three categories, courses provided by [Universities, Institute's of Technology and Other Providers](#).

The Lean Education Directory is not an exclusive or exhaustive list of Lean training courses available. It will be updated by Enterprise Ireland on a regular basis.

Directory applications

Service providers may apply to be listed in the Lean Education Directory by completing the Lean Education Directory Registration form and return to lean@enterprise-ireland.com in word format along with a signed PDF copy.



Title

Certificate / Diploma in Supply Chain Management
(including Lean SCM Green Belt Modules)

Duration

1 year Certificate or 2 year Diploma

Certification

NFQ Level 7

Phone: 021-490 1833/2763

Email: scm@ucc.ie

Web: www.ucc.ie/scm

SUPPLY CHAIN MANAGEMENT COURSES,
2ND FLOOR, O'RAHILLY BUILDING,
UNIVERSITY COLLEGE CORK.

University College Cork

Module/Course Details

The Certificate in Supply Chain Management (SCM) is a part-time programme and consists of two parts: (i) three modules in lean supply chain management (15 credits), and (ii) three modules (15 credits) in information systems, operations management and relationship management. Each module is delivered over a two-day seminar/workshop series in UCC complemented by a half-day review session. A notable feature of this programme is the inclusion of a **Lean SCM Green Belt professional certificate** for successful completion of part 1, delivered in conjunction with a practitioner partner (the **Leading Edge Group**) and accredited by the Institute of Industrial Engineers, Ireland (**IIE**). To achieve this award participants successfully complete a Lean Green Belt project in their organisation.

The programme design facilitates individuals who wish to study on a part-time basis and integrate their studies with their careers, as well as incorporate their working experience into an accredited learning process. The Diploma in SCM is offered in step format, after successful completion of the first year (Certificate) the candidate may then progress to the Diploma level in the second year of the programme.



Name of Training Course

Postgraduate Diploma / Masters in Supply Chain Management (*Lean SCM Black Belt*)

Course Duration

This is a part-time programme delivered over 18 months (for the Postgraduate Diploma) or 2 years, incl. dissertation (for the Masters).

Course Certification

NFQ Level 9

Phone: 021-490 1833/2763

Email: scm@ucc.ie

Web: www.ucc.ie/scm

SUPPLY CHAIN MANAGEMENT COURSES,
2ND FLOOR, O'RAHILLY BUILDING,
UNIVERSITY COLLEGE CORK.

University College Cork

Module/Course Details

Adopting a Lean philosophy, students will apply lean tools and complete a Lean Black Belt project that achieves organisational and supply chain improvements. The programme is designed to improve supply chain processes with practical delivery of cost reduction and value-add for participants and their organisations. It is aimed at career minded practitioners who work in supply chain, manufacturing, quality, financial or related functions and who have responsibility for continuous improvement within their organisations.

Delivered in conjunction with the Leading Edge Group, this programme blends academic and practical expertise. Our aim is to create an interactive learning environment including workplace and classroom learning and in doing so enhance individual and company capability. A blended learning design (50% distance learning and 50% classroom) enhances access and supports learning across key areas of: strategic planning & implementation, advanced lean tools & practices, leadership, change & innovation management, information systems and managing lean projects. The Postgraduate Diploma programme culminates with the presentation of a Black Belt project that has achieved significant improvement within the participant's organisation/supply chain.



University College Cork

Module/Course Details

Name of Training Course

Lean Green Belt in Supply Chain
Management

Course Duration

3 months

Course Delivery

Online

Course Certification

HETAC/FETAC/NFQ/ASQ

Level 7, 15 Credits

- Understanding Lean in Supply Chain
- Introducing Lean Thinking
- Lean Tools and Practices 1: Improving Process Flow
- Lean Tools and 11: Reducing Variation and Improving Quality
- Value Stream Mapping (VSM)
- Kaizen
- 5S
- Introducing Lean Sigma
- Managing Change Resistance
- The Roadmap to Lean Implementation

Web : www.ucc.ie/en/scm/CertDipSCM

SUPPLY CHAIN MANAGEMENT COURSES,
2ND FLOOR, O'RAHILLY BUILDING,
UNIVERSITY COLLEGE CORK.



Name of Training Course

Specialist Diploma in Lean & Quality Systems

Entry requirements

The minimum entry requirement is a level 7 Diploma/higher in a related area of Science/Engineering. Previous study of foundation Statistics will be beneficial.

Course Duration

One year part-time (September to June).

Course Certification

The Specialist Diploma is a minor award (of 30 ECTS) at NQF level 8 (honours B.Sc. level). The course is also approved by Engineers Ireland for CPD purposes (110 EI CPD credits).

Niamh McHugh

Phone: 091 495845

Email: niamh.mchugh@nuigalway.ie

Web: www.modularbsc.ie

NATIONAL UNIVERSITY OF IRELAND, GALWAY
UNIVERSITY ROAD,
GALWAY

NUI Galway

(under the auspices of the Atlantic University Alliance = NUIG & UL & UCC)

Module/Course Details

This one-year, part-time Diploma course aims to promote an in-depth knowledge of the thinking and techniques behind Lean and Quality Systems in the workplace. Participants will gain knowledge of highly effective tools and systems for streamlining products, processes and services and minimising waste. Problem solving skills will be sharpened. A work-based Lean project will require participants to apply their knowledge to real-world scenarios.

The programme is delivered by blended learning, participants receive learning materials in both online and in hard copy format for each module. Materials are specifically designed for independent study and supplemented by supporting online learning resources.

There are four taught modules :

- Problem Solving Tools & Techniques
- Enterprise Modelling & Simulation
- Lean Thinking & Lean Tools
- Quality Science-Six Sigma

In addition there is a work based project module

The course is intended for those who wish to focus their skills with a view to moving into specialist and hybrid lean roles e.g. internal lean consultants, waste minimisation specialists, process **optimisation** advisors. It will allow those with basic engineering qualifications to up-skill and specialise in lean engineering if taken as a 'top up' course. It will also allow those in declining sectors to convert their skills and transfer their experience to the sector e.g. unemployed manufacturing managers, operatives and technicians.



UNIVERSITY of LIMERICK
OLLSCOIL LUIMNIGH

Name of Training Course

Specialist Diploma in Quality
Management, Lean Systems
(Postgraduate)
(On-line / Distance Learning)

Course Duration

This programme takes 10 months and is run over two semesters, each 15 weeks, with 10 weeks project write up upon completion of the taught element.

Course Certification

Postgraduate Level 9

Phone: 061-213360

Email: ulearning@ul.ie

Web: www.ul.ie/ulearning

ULEARNING,
ENTERPRISE RESEARCH CENTRE,
UNIVERSITY OF LIMERICK,
LIMERICK

University of Limerick

Module/Course Details

This **Lean Black Belt** course, aims to develop participants' process improvement skills. The diploma will provide education and practical application to a Black Belt level in Lean. The course will enable participating companies gain competitive advantage through the application of Lean principles to drive improvement with measurable results. A company-based project will form a key element of the programme, ensuring the integration of the various concepts in the participants' workplace. It will provide participants with a practical application of Lean tools and techniques within their own organisation.

This project will need to result in significant improvements for participating company.

This programme forms part of the MSc in Strategic Quality Management Lean Sigma Systems. Those who have completed this programme may continue on to the MSc.

For Whom

The Diploma is aimed at managers, engineers, supervisors and technicians who have responsibility for quality or continuous improvement within their organisations and also those who wish to develop knowledge and skills in the area of Lean systems.



UNIVERSITY of LIMERICK

OLLSCOIL LUIMNIGH

Name of Training Course

Masters in Strategic Quality
Management, Lean Sigma Systems
(On-line / Distance Learning)

Course Duration

2 to 3 years. Participants can take 1
to 3 taught modules each semester,
until they complete the programme.

Course Certification

Postgraduate Level 9

Phone: 061-213360

Email: ulearning@ul.ie

Web: www.ul.ie/ulearning

ULEARNING,
ENTERPRISE RESEARCH CENTRE,
UNIVERSITY OF LIMERICK,
LIMERICK

University of Limerick

Module/Course Details:

The course will create graduates that understand the theory and practical application of quality management tools and techniques, with particular emphasis on the areas of Lean and Six Sigma as they would apply to their own organisation. It will educate and train participants in specific quality management skills in both the lean and six sigma domains and in strategic and transferable business skills. A graduate of the programme will be considered a Master Black Belt in Lean and Six Sigma.

For whom The MSc is designed for those with a responsibility for/ or actively engaged in organisational improvement and development through the use or intended use of quality management, lean or six sigma methodologies. The programme is suited to a variety of industry sectors both in manufacturing and services, including the public sector.

Entry requirements Applicants require a 2.1 degree (NFQ level 8) in any discipline or equivalent and at least three years relevant work experience. Applicants who have completed the Specialist Diploma in Lean Systems and/or Six Sigma are eligible for exemptions from those modules on this programme.

Delivery Delivery is a hybrid of traditional distance education and online learning together with a number of on-campus tutorials (approx. 3 Saturdays per semester). In addition, there are online discussions moderated by a subject matter expert on elements of each module to reinforce the learning and **maximise the benefit** of the programme for participants.



Name of Training Course

Lean Sigma Introduction

Course Duration

2 Days

Course Certification

Attendance certificate issued by
Centre for Advanced Manufacturing
and Management Systems (CAMMS),
CIT.

Phone: 021 432 6264

Email: camms@cit.ie

Web: www.cit.ie/course/CREILSSX

Cork Institute of Technology

Module/Course Details:

Lean Sigma introduces the methods and tools used in both Lean and Six Sigma techniques. The course allows participants to select between Lean or Six Sigma, for their own future development and/or as the most appropriate method for their company. Participants have the option of applying for either the Lean Practitioner Programme or the Lean Sigma Green Belt Certification Programme. The course is run on request for organisations.

CAMMS CENTRE FOR ADVANCED
MANUFACTURING & MANAGEMENT SERVICES
CORK INSTITUTE OF TECHNOLOGY
BISHOPSTOWN
CORK



Name of Training Course

Lean Sigma Practitioner

Course Duration

7 Days

NFQ Level:

Five credits at Fundamental Level on National Framework of Qualifications

Tel: 021 432 6264

Email: camms@cit.ie

Web: www.cit.ie/course/CRELEAP6

CAMMS CENTRE FOR ADVANCED
MANUFACTURING & MANAGEMENT SERVICES
CORK INSTITUTE OF TECHNOLOGY
BISHOPSTOWN
CORK

Cork Institute of Technology

Module/Course Details:

Candidates pursuing the Lean Sigma Practitioner Programme will be capable of applying lean principles and tools to drive improvements and show measurable results. The programme will consist of assessment of theory by examination, as well as assessment of practice by portfolio. The portfolio is based on the achievement of certain project milestones by candidates, as defined by the programme requirements at each level.

COURSE CONTENT

- Introduction to Lean principles
- Tools for finding and eliminating waste
- Tools for continuous improvement
- Improving quality, cost, delivery, business and service processes, and business results

Name of Training Course

Lean Sigma Green Belt

Course Duration

9 Days

NFQ Level

Awarding Body CIT: Ten credits at Intermediate Level on the National Framework of Qualifications.

Candidates who complete the Lean Sigma Green Belt Programme will be eligible to sit the American Society for Quality (ASQ) Six Sigma Green Belt exam. (Examination fees separately payable to the ASQ).

Tel: 021 432 6264

Email: camms@cit.ie

Web: www.cit.ie/course/CRESSGS7

CAMMS CENTRE FOR ADVANCED
MANUFACTURING & MANAGEMENT SERVICES
CORK INSTITUTE OF TECHNOLOGY
BISHOPSTOWN
CORK

Cork Institute of Technology

Module/Course Details:

Lean Six Sigma is a very successful methodology for Productivity and Continuous Improvement. It uses a structured approach known as DMAIC (Define, Measure, Analyse, Improve and Control) to eliminate business process waste, reduce variation and improve efficiency. It is being successfully deployed across many sectors and in companies of all sizes in the pharmaceutical, healthcare, medical device, financial and service sectors. This course provides a structured approach to solving problems and putting a sustaining mechanism in place to ensure problems do not re-occur. The course is aimed at all personnel working within the design, manufacturing, transactional, sales or support environment. It is suitable for management and team leaders through to shop floor personnel and employees directly involved in the process.

COURSE CONTENT

- Introduction to Lean and Six Sigma, DMAIC Methodology
- Co-ordinating Project Teams
- Defining the Project, Process Mapping
- Variation and Measurement Techniques
- Analysis of Process Data, Introduction to Statistical Tools
- Cause and Effect, FMEA (Failure Mode & Effect Analysis)
- Process Capability using SPC
- Lean Concepts and Tools
- Project Control, Measuring Success Factors



Name of Training Course

Lean Sigma Black Belt

Course Duration

21 Days

NFQ Level

Awarding Body CIT

Thirty credits at Advanced Level on the National Framework Qualifications.

Candidates who complete the Lean Sigma Black Belt Programme are eligible to sit the American Society for Quality (ASQ) Six Sigma Black Belt exam. (Examination fees separately payable to the ASQ).

Tel: 021 432 6264

Email: camms@cit.ie

Web: www.cit.ie/course/CRESSBB8

CAMMS CENTRE FOR ADVANCED
MANUFACTURING & MANAGEMENT SERVICES
CORK INSTITUTE OF TECHNOLOGY
BISHOPSTOWN
CORK

Cork Institute of Technology

Module/Course Details:

A certified Lean Six Sigma Black Belt is a professional who is an expert in Six Sigma philosophies and principles, including supporting systems and tools. A Black Belt should demonstrate team leadership, understand team dynamics and assign team member roles and responsibilities. Black Belts have a thorough understanding of all aspects of the DMAIC model in accordance with Lean Sigma principles.

They have a thorough knowledge of Lean enterprise concepts, are able to identify non-value added elements and activities and are able to use specific tools. The course draws both the basic problem solving tools and advanced statistical principles including DOE (Design of Experiments) and SPC (Statistical Process Control).

COURSE CONTENT

- Introduction to Lean and Six Sigma, DMAIC Methodology
- Change Management, Team Building, Facilitation, Conflict Resolution
- Project Control, Return on Investment, Critical Success Factors
- Statistical Techniques
- Measurement System Analysis
- Hypothesis Testing, Regression, Control Charts, Process Capability
- Design of Experiments
- Lean Sigma Supply Chain



Name of Training Course
Business in Lean Practice

Course Duration

24 Weeks

Course Certification

Postgraduate Diploma

Programme Director: Dr Pio Fenton

Email: pfenton@wit.ie

Tel: 051 845646

Waterford Institute of Technology

Module/Course Details

Semester 1

Lean Philosophy
Lean Operations 1
Management Skills Development
Lean Quality
Creativity, Innovation, Strategy
Knowledge Management

Semester 2

Lean Operations 2
Managing Change
Lean Project Management
Lean Communication
Lean Supply Chains
Managing Corporate Creativity

WATERFORD INSTITUTE OF TECHNOLOGY
MAIN CAMPUS
CORK ROAD
WATERFORD



Name of Training Course

Lean for Finance and Administration

Course Duration

1 Day

Course Certification

Procad Training Certificate of Completion

Kinga Dzierzak

Email: k.dzierzak@procadtraining.com

Phone: 061 498900

Desmond Butler

Email: db@almir.biz

Phone: 061 514598

Email: info@procadtraining.com

Web: www.procadtraining.com/

2 MUNGRET STREET

LIMERICK

Almir Business Ltd

in conjunction with Procad Training

Module/Course Details

Please note that this course is delivered by Almir Business Master Six Sigma Black Belt trainers.

Pre-requirements

This course is intended for financial managers, finance staff, accounts staff and other professionals in the area supporting and interacting with finance - such as administration, procurement, customer services and sales who wish to identify opportunities to improve and streamline transaction and administrative processes.

COURSE CONTENT

- Introduction to Process Improvement
- Lean & Six Sigma defined
- The benefits of a Continuous Process Improvement Culture
- The role of Staff in the Lean Project
- Lean Concepts in Finance and Administration
- Minimising errors
- Reducing transaction lead time
- Improving internal communication
- Eliminating waste - non-value adding work
- Reducing work-in-progress
- Reducing process complexity & red tape
- Identify and implement customer-led service improvements
- Identify a specific Practical Project
- Agree an action plan
- Summary & review.



Name of Training Course

Lean For Healthcare

Course Duration

2 Days

Course Certification

HETAC/FETAC/NFQ/ASQ (Give details):
Procad Training Certificate of Completion

Kinga Dzierzak

Email: k.dzierzak@procadtraining.com
Phone: 061 498900

Desmond Butler

Email: db@almir.biz
Phone: 061 514598

Email:
info@procadtraining.com

Web: www.procadtraining.com/

2 MUNGRET STREET
LIMERICK

Almir Business Ltd

in conjunction with Procad Training

Module/Course Details

Please note that this course is delivered by Almir Business Master Six Sigma Black Belt trainers.

Lean for Healthcare course is conducted in an engaging and interactive environment. Participants are asked to bring specific problems & projects to the workshop, where an experienced instructor gives personal and customised guidance.

Lean in Healthcare is concerned with delivering the best service from your patient's perspective while consuming the fewest resources. The challenge is calling something that's accepted as '*just the way we do it*' by a new name: WASTE.

Objectives:

Upon completion of this course, participants will be able to:

- Improve their response and outlook by simultaneously optimising patient quality and decreasing cost using Lean Tools
- Recognise opportunities where Lean approaches can improve processes within and between departments (identify waste)
- Apply the appropriate Lean methods and tools to visualise, measure and tactically improve processes for the mutual benefit of the patient and staff (eliminate waste)
- Construct value stream maps to guide focused improvements
- Develop a mindset shift in error prevention by investigating why and how errors occur rather than who causes them.
- Employ the roadmap for achieving Lean processes in healthcare organisation.



Almir
business limited

Name of Training Course

Lean Manufacturing

Course Duration

1 Day

Certification

HETAC/FETAC/NFQ/ASQ (Give details):
Procad Training Certificate of Completion

Kinga Dzierzak

Email: k.dzierzak@procadtraining.com

Phone: 061 498900

Desmond Butler

Email: db@almir.biz

Phone: 061 514598

Email:

info@procadtraining.com

Web: www.procadtraining.com/

2 MUNGRET STREET

LIMERICK

Almir Business Ltd

in conjunction with Procad Training

Module/Course Details

Please note that this course is delivered by Almir Business Master Six Sigma Black Belt trainers.

History of 'Lean'

- Overview of the Toyota Production System (TPS)
- Traditional Mass Production versus Lean

Lean principles

- Value
- Value Stream
- Continuous Flow
- Pull
- Perfection

7 deadly wastes

Value-Add and Non Value-Add work

Push v Pull Systems

Visual Management

Lean Tools and Techniques

- Value Stream Mapping (VSM)
- Kanban
- 5S
- Setup Reduction
- Kaizen
- Cellular Manufacturing
- Standard Work

Kaizen

A3 Problem Solving



Name of Training Course

Six Sigma Yellow Belt

Course Duration

2 Days

Course Certification

HETAC/FETAC/NFQ/ASQ (Give details):
Procad Training Certificate of Completion

Kinga Dzierzak

Email: k.dzierzak@procadtraining.com

Phone: 061 498900

Desmond Butler

Email: db@almir.biz

Phone: 061 514598

Email: info@procadtraining.com

Web: <http://www.procadtraining.com/>

2 MUNGRET STREET
LIMERICK

Almir Business Ltd

in conjunction with Procad Training

Module/Course Details

Please note that this course is delivered by Almir Business Master Six Sigma Black Belt trainers.

Six Sigma Yellow Belt course is designed for those who will:

- Work with Green Belt to identify and quantify opportunities for improvement
- Be required to work under the direction of a Black Belt or a Green Belt as a member of a larger Six Sigma project led by the Black Belt
- Be required to participate in a smaller Six Sigma project under the direction of a Green Belt.

On the course completion participants will:

- Understand Lean & Six Sigma
- Know the structure of Six Sigma (DMAIC) methodology
- Know what is a Project Charter
- Understand & Identify Critical to Quality Characteristics (CTQs)
- Define & document the SIPOC Diagram
- Know some Quality Tools i.e. Cause & Effect, Process Mapping
- Know how to work with data (Pareto Chart, Histograms, Run Charts)
- Understand Basic Statistics (Population, Sample, Qualitative & Quantitative Data)
- Know Lean Concepts



Almir
business limited

Name of Training Course

Lean Six Sigma (Green Belt)

Course Duration

5 Days

Course Certification

HETAC/FETAC/NFQ/ASQ (Give details):

Our course will assist you to prepare for the **ASQ** exam however significant amount of home study will be required.

Kinga Dzierzak

k.dzierzak@procadtraining.com

Phone 061 498900

Desmond Butler

Email: db@almir.biz

Phone: 061 514598

Email: info@procadtraining.com

Web: www.procadtraining.com/

2 MUNGRET STREET,
LIMERICK

Almir Business Ltd

in conjunction with Procad Training

Module/Course Details

Please note that this course is delivered by Almir Business Master Six Sigma Black Belt trainers.

DAY 1

Module 1 – History of Quality

Module 2 – What is Six Sigma?

Module 3 – Lean Enterprise

JIT – Lean Simulation

DAY 2

Module 4 – Understanding Processes

Module 5 – Define Phase

Day 3

Module 6 – Introduction to Statistics

Module 7 – Measure Phase

DAY 4

Module 8 – Analyse Phase

DAY 5

Module 9 – Improve Phase

Module 10 – Control Phase



Name of Training Course

Lean Tools

Course Duration

3-4 days depending on the clients needs

Course Certification

HETAC/FETAC/NFQ/ASQ (Give details)

This course is a FETAC Level 5 certified course. For those wishing to receive certification, details are set out in FETAC Module Descriptor, Lean Manufacturing Tools L22586.

Course Contact Details

Brigid Marmion

Phone:+353 42 9351801

Mobile :+353 87 6144094

E: brigid.marmion@AloraConsultants.ie

Web: www.aloraconsultants.ie

CARRICKEDMOND

KILCURRY

DUNDALK

CO LOUTH

Alora Consultants Ltd

Module/Course Details

The Lean Tools training offered by Alora Consultants has at its core the 5 Lean Principles:

1. Identify Value Streams,
2. Map Value Streams,
3. Move to Continuous Flow,
4. Implement Pull and
5. Strive for Perfection.

The training focuses on the practical applications of lean tools in manufacturing and service sectors. Tools such as Problem Definition, Process Mapping, Value Stream Mapping, 5S, SMED, Kaizen plus others are covered. Lean Manufacturing Training offered by Alora Consultants is a FETAC Level 5 certified course. The training focuses on the most common Lean tools and how to apply them effectively to have an immediate impact on a businesses bottom line. The training aims to pass on Lean skills, knowledge and attitude.

**Name of Training Course**

Lean Six Sigma Green Belt

Course Duration

7-8 days

Course Certification

HETAC/FETAC/NFQ/ASQ

This course is a FETAC Level 5 certified course. The FETAC certification is set out in FETAC Module Descriptor, Lean Manufacturing Tools Level 5 L22586.

This training program is also aligned with the requirements for ASQ Green Belt Certification. Training attendees can apply for ASQ certification once they meet the requirements of ASQ

For more information

Brigid Marmion

Phone: +353 42 9351801

Mobile : +353 87 6144094

E: brigid.marmion@AloraConsultants.ie

Web: www.aloraconsultants.ie

CARRICKEDMOND,

KILCURRY,

DUNDALK,

CO LOUTH,

Alora Consultants Ltd

Module/Course Details

Green Belt Training offered by Alora Consultants includes Lean, Six Sigma and Change Management tools and methodologies. The training focuses on utilizing the most common Lean Six Sigma and Change Management tools in the execution of medium complexity projects. The format of the training will be tutor led. The training is very interactive thus there is a lot of emphasis on group dynamics and ensuring the attendees participate and interact with the trainer and each other. The training is conducted through presentations, simulations, role plays, group exercises, discussions and case studies.



Name of Training Course

Wide variety of Lean and Six Sigma courses from beginners to advanced level e.g.

Course Duration

Vary from 1 day to 20 days depending on the course, curriculum and customer

Course Certification

HETAC/FETAC/NFQ/ASQ

Occasionally FETAC or ASQ certified as required by the customer

Bernie Rushe,

Phone: +353 91 870708,

Web: www.cordatus.ie/

29 THE WATERFRONT,
GORT ROAD,
LOUGHREA,
CO. GALWAY

Cordatus Consulting Ltd

Module/Course Details

A detailed agenda and curriculum is available for each course on request.

- Six sigma green belt (8 – 10 day course)
- Six sigma black belt (20 day course)
- Six sigma yellow belt (2 day workshop)
- Introduction to Minitab (1 day)
- Introduction to Lean (1 day workshop)
- Value stream mapping (1 day)
- A3 thinking and problem solving (2 days)
- Business process mapping (2 days)
- Data capture and data representation (1 day)
- Design of Experiments – DOE (2-3 day workshop)
- Statistical process control – SPC (2 day workshop)
- Measurement systems analysis (1 day)
- Regression (1 day)
- Root cause analysis (1 day)
- Failure modes and effects analysis – FMEA (1 day)
- Error proofing – Poka Yoke (1 – 2 day workshop)
- 5S (3 days)
- Quick changeover – SMED (2 days)
- TPM (3 x 3 day implementation workshops, spaced 1 month apart)
- Operational excellence programme design (1 day)
- Lean facilitation (5 days)
- Lean supply chain management (2 day workshop)
- Strategic planning (2 days)
- Team building (1 day)
- Negotiation skills (1 day)

Voice of the Customer (1 day)



Name of Training Course

Lean Manufacturing tools

Course Duration

4 Days + optional day on site

Course Certification

HETAC/FETAC/NFQ/ASQ

L 22586 – FETAC Level 5

Web: www.etacsolutions.com ;

Email: info@etacsolutions.com ;

Phone: 01 6856535

Web: www.engineersireland.ie/CPD-Training

ENGINEERS IRELAND,
22 CLYDE ROAD,
BALLSBRIDGE,
DUBLIN 4

ETAC Limited

Module/Course Details:

Day 1 - History & Introduction to Lean. The 7 wastes. Lean foundations.

Day 2 – PDCA & improvement Tools. SPC & Process Capability, Standard Work, 5s & the visual workplace, SMED

Optional on-site mentoring day

Day 3 – Kanban, value stream mapping, Kaizen. Quality, Poka Yoke, Project Closure

Day 4- Project and VSM presentations



Name of Training Course

Lean Green Belt in 4 specialisms –
Healthcare; Financial Services;
Manufacturing and Supply Chain

Course Duration

3 months

Course Delivery

Online and Classroom based

Course Certification

HETAC/FETAC/NFQ/ASQ

UK FHEQ Certificate Level 4, 30
Credits

Course Contact Details:

Claire O'Brien 021 4855863

Paul Ryan +44 75803 15309

Web:

www.leadingedgescm.com/courses

CHARTER HOUSE,
HARBOUR ROW,
COBH,
CO. CORK

Leading Edge Group

Module/Course Details:

- Introducing Lean Thinking
- Lean Tools and Practices 1: Improving Process Flow
- Lean Tools and 11: Reducing Variation and Improving Quality
- Value Stream Mapping (VSM)
- Kaizen
- 5S
- Introducing Lean Sigma
- Managing Change Resistance
- The Roadmap to Lean Implementation



Name of Training Courses

Lean Yellow Belt
Lean Sigma Yellow Belt
Lean Green Belt in 4 specialism's –
Healthcare; Financial Services;
Manufacturing and Supply Chain
Lean Sigma Green Belt
Lean Black Belt

Course Duration

Lean Yellow Belt – 2 days
Lean Green Belt - 3 months
Lean Black Belt – 6 months

Course Delivery

Online and Classroom based

Course Certification

HETAC/FETAC/NFQ/ASQ
Institute of Industrial Engineering
Certification www.iie.ie/lean.asp

Course Contact Details:

Claire O'Brien 021 4855863

Web: www.leadingedgescm.com/courses

CHARTER HOUSE,
HARBOUR ROW,
COBH,
CO. CORK

Leading Edge Group

Institute of Industrial Engineers

Module/Course Details:

Lean Yellow Belt

Introduction to Lean | Lean Thinking and Principles | Waste – Introducing TIM WOOD | Value Stream Mapping – includes 4 hours of working on live example | Introduction to Kaizen & 5S

Lean Sigma Yellow Belt

The beginning of Six Sigma | What is a process? | Lean Six Sigma methodologies in performance improvement | DMAIC roadmap | Cost of poor quality | Gathering data | Introduction to Lean Six Sigma tools | Mapping tools | Classifying tools | Counting tools | Measuring tools | Run/ Control charts

Lean Green Belt

Introducing Lean Thinking | Lean Tools and Practices 1: Improving Process Flow | Lean Tools and 11: Reducing Variation and Improving Quality | Value Stream Mapping (VSM) | Kaizen | 5S | Introducing Lean Sigma | Managing Change Resistance | The Roadmap to Lean Implementation

Lean Sigma Green Belt

Introduction to Lean Sigma | Principles of Lean Sigma | Waste and Value add / non value add activities / breakout on waste | Overview of DMAIC | Define - Define the process | Selecting team and working in teams | Generic tools: brainstorming, affinity diagrams etc. | Measure - Measure the current state and identify data headlines | Understanding Data | Analyse / Improve – identify root cause and select, pilot and verify solutions | Tools: Root Cause Analysis | Control – confirming and maintaining the gain | Visual Metrics and Control Plan | Use of Control Charts | RACI

Lean Black Belt

The program consists of four modules: Advanced Lean Tools and Practices | Managing Lean Projects | Lean Strategic Planning and Implementation | Effective Leadership and Change Management

Method of Assessment: Participation in the online tutorials/discussions and events | Submission of module assignments | Completion of an in-house project



Name of Training Courses

Supply Chain Lean Green Belt
Program

Course Duration

3 months

Course Delivery

Online

Course Certification

**HETAC/FETAC/NFQ/ASQ (Give
details):**

Level 7, 15 Credits

Certified by the Irish Institute of
Industrial

Engineers and the Canadian

Professional Logistics Institute

Course Contact Details:

Claire O'Brien 021 4855863

Web: www.leadingedgescm.com/courses

CHARTER HOUSE,
HARBOUR ROW,
COBH,
CO. CORK

Leading Edge Group

Module/Course Details:

- Understanding the Supply Chain
- Lean Thinking
- Introducing Lean to the Supply Chain
- Lean SCM Tools and Practices
- Value Stream mapping
- Kaizen
- 5S
- Lean SCM Ancillary Tools and Practices
- The Roadmap to Lean Implementation



Name of Training Course:

Lean Healthcare Green Belt

Course Duration

3 months

Course Delivery

Online or classroom based

Course Certification

HETAC/FETAC/NFQ/ASQ

OHA Certified (own accreditation body)

www.oha.com/education/

Claire O Brien 021 4855863

Web: www.leadingedgescm.com/courses

CHARTER HOUSE,
HARBOUR ROW,
COBH,
CO. CORK

LEADING EDGE GROUP

Module/Course Details

- Introducing Lean Thinking
- Applying Lean Thinking to Healthcare
- Lean Tools and Practices 1: Improving Process Flow
- Lean Tools and 11: Reducing Variation and Improving Quality
- Value Stream Mapping (VSM)
- Kaizen
- 5S
- Implementing Lean and Six Sigma in Healthcare
- Managing Change Resistance
- The Roadmap to Lean Implementation



Name of Training Course

Lean Green Belt Certification in
Financial Services

Course Duration

3 months

Course Delivery

Online

Course Certification

HETAC/FETAC/NFQ/ASQ

University of Kent.

Irish Institute of Certified Public
Accountants

CPA -

Web: www.cpaireland.ie

Joe Aherne

Phone: 021 4855863

Web: www.leadingedgescm.com

CHARTER HOUSE,
HARBOUR ROW,
COBH,
CO. CORK

LEADING EDGE GROUP

Module/Course Details

- Introducing Lean Thinking
- Lean Thinking and Financial Services
- Lean Tools and Practices 1: Improving Process Flow
- Lean Tools and 11: Reducing Variation and Improving Quality
- Value Stream Mapping (VSM)
- Kaizen
- 5S
- Introducing Lean Sigma
- Managing Change Resistance
- The Roadmap to Lean Implementation



Name of Training Course

Lean Manufacturing Tools

Course Duration

5 classroom days, followed by project completion over next 3 months

Course Certification

HETAC/FETAC/NFQ/ASQ

FETAC Level 5, L22586

Web: www.manufacturing-excellence.ie

Raymond J. McEvoy

MANUFACTURING EXCELLENCE,

12 PARK AVENUE,

MAYPARK,

WATERFORD,

Manufacturing Excellence, Waterford

Module/Course Details

Contents of the programme include: -

- Value Stream Mapping
- Identifying Waste
- Material Flow
- 5S Workplace Organisation
- Standard Work & Load-Cycletime Charts
- Layout
- Teamworking and Chartering
- Improvement Cycles



Together, the power to improve

Name of Training Courses

Lean Coach (LERC certified training programme)

Course Duration

Lean Coach (LERC Lean competency programme) - up to 3 - 12 months dependent of level required and programme structure.

Course Certification

HETAC/FETAC/NFQ/ASQ

Lean Academy Certification to LERC (Lean enterprise Research Centre Cardiff University) Lean Competency System level 2a.

Email: donna.samuel@sapartners.com

Web: www.sapartners.com

SA Partners

Module/Course Details



Together, the power to improve

Name of Training Courses

Lean Manager

Course Duration

Lean Manager – 10 Days

Course Certification

HETAC/FETAC/NFQ/ASQ

(Lean enterprise Research Centre

Cardiff University) Lean Competency

System level 2a.

SA Partners

Module/Course Details



Together, the power to improve

Name of Training Courses

Six Sigma

Course Duration

Six Sigma - 12 Days GB - 20 Days BB

Course Certification

HETAC/FETAC/NFQ/ASQ

Six Sigma training to ASQ certification standard

SA Partners

Module/Course Details

- Lean Six Sigma, is a proven methodology which combines Lean and Six Sigma into a single, coordinated initiative
- DMAIC structured problem solving model
- Six Sigma statistical and analytical tools
- The Six Sigma methodology and how to use it to reduce project time from six months or more – to six weeks or less
- How to lead change management project teams within your area of responsibility to rapidly implement high-impact operational excellence.



Name of Training Course

Operational Excellence

Course Duration

Customised per training needs analysis

Course Certification

HETAC/FETAC/NFQ/ASQ

Courses to International CIPD, 6 Sigma, Lean and Goldratt Institute standards

Web: <http://tecknic.net>

TECKNIC PERFORMANCE LEADERS LTD
403 CLONTARF ROAD,
DUBLIN 3

Tecknic Performance Leaders Ltd.

Module/Course Details:

Level 1: Beginner

Level 2: Practitioner

Level 3: Champion

In the following areas of operations excellence.

Process

Lean, TOC, Six Sigma, Supply Chain management, TQM.

People

Employee Relations, Performance & Change Management to CIPD standards, Front Line Supervisory Training

Product

Systematic innovation techniques, i.e. TRIZ



Name of Training Course

Business Performance Improvement –
Executive Briefing

Course Duration

Half day

Course Certification

HETAC/FETAC/NFQ/ASQ

Course based on the ASQ Body of
Knowledge. No certificate issued.

Catherine Hutton,

Deirdre Murray or

Jim Maher

Email: info@trigraph.ie.

Tel 01-6390050.

Web: www.trigraph.ie

TRIGRAPH PROFESSIONAL SERVICES,
12 LOWER HATCH STREET,
DUBLIN 2,

Trigraph Professional Services Ltd

Module/Course Details

The world is a tougher place today! We all have to deliver more with less! Budgets are being cut - yet outputs are expected to improve.

Successful organisations today need to ensure that their business operations and projects are aligned properly with strategic organisational goals. And the world is changing more rapidly today than ever before!

How do we organise our business processes and projects for optimum effectiveness in this scenario? The answer is - it isn't easy - but the returns are huge in terms of business value for those who can get it right.

This briefing will present delegates with an understanding of the current 'state-of-the-art' business processes improvement methodologies. We will show you how to approach Business Process Improvement in order to guarantee a successful outcome and make a meaningful impact on the performance of the organisation.



Name of Training Course

Lean Six Sigma Introduction (Yellow Belt)

Course Duration

Two days

Course Certification

HETAC/FETAC/NFQ/ASQ

Course based on the ASQ Body of Knowledge. Trigraph certificate issued.

Catherine Hutton,

Deirdre Murray or

Jim Maher

Email: info@trigraph.ie

Tel: 01-6390050.

Web: www.trigraph.ie

TRIGRAPH PROFESSIONAL SERVICES,
12 LOWER HATCH STREET,
DUBLIN 2,

Trigraph Professional Services Ltd

Module/Course Details

This Lean Six Sigma Introductory course is primarily aimed at Management within an organisation who are about to embark on, or who have recently commenced, a Lean or Six Sigma business improvement initiative.

It is a useful course for bringing the company's Management Team to a common understanding of the capabilities, goals and objectives of a Lean Six Sigma Program.

On this two-day Lean Six Sigma Introductory course participants will learn about Six Sigma, Lean principles and the practical application of these tools and techniques, as well as how they can actively direct, manage and participate in these programs.



Name of Training Course

Lean Six Sigma Green Belt certificate

Course Duration

Six days

Course Certification

HETAC/FETAC/NFQ/ASQ

Course based on the ASQ Body of Knowledge.

Trigraph certificate issued.

Catherine Hutton,

Deirdre Murray or

Jim Maher

Email: info@trigraph.ie .

Tel: 01-6390050.

Web: www.trigraph.ie

TRIGRAPH PROFESSIONAL SERVICES,
12 LOWER HATCH STREET,
DUBLIN 2,

Trigraph Professional Services Ltd

Module/Course Details

The Six Sigma Green Belt is a specially trained team member within his or her function-specific area of the organisation. This focus allows the Green Belt to work on small, carefully defined Six Sigma projects, which require less than a Black Belt's full-time commitment.

Our Green Belt Training provides participants with strong problem-solving skills, with an emphasis on the DMAIC (Define, Measure, Analyse, Improve and Control) model.

The Green Belt has two primary tasks: first, to help successfully deploy Six Sigma techniques, and second, to lead small-scale improvement projects within their respective areas. In a support role, Green Belts can do much of the data-gathering analysis in support of a Black Belt project. On the Green Belt course you will learn how to use many of the Six Sigma problem-solving methods and statistical tools to contribute to the success of your organisation.

On this six-day Six Sigma Green Belt course participants will complete a practical business improvement project and pass a written multiple choice examination.



Name of Training Course

Lean Six Sigma Black Belt certificate

Course Duration

Sixteen (16) days

Course Certification

HETAC/FETAC/NFQ/ASQ (Give details): Course based on the ASQ Body of Knowledge.

Trigraph certificate issued.

Catherine Hutton,

Deirdre Murray or

Jim Maher

Email: info@trigraph.ie .

Tel: 01-6390050.

Web: www.trigraph.ie

TRIGRAPH PROFESSIONAL SERVICES,
12 LOWER HATCH STREET,
DUBLIN 2,

Trigraph Professional Services Ltd

Module/Course Details

This training programme is designed to lead the attendees through the Lean Six Sigma methodology focusing on DMAIC (Define, Measure, Analyse, Improve and Control).

The Course is recommended for all those in an organisation who will lead medium / large projects and who will act as coaches or mentors to Green Belts and Yellow Belts.

It is suitable for managers, internal consultants, change agents, project managers, team leaders, business improvement leaders or facilitators.

Objectives

- Understand Lean Six Sigma methodology and DMAIC.
- Understand how to use the most important tools in DMAIC phases.
- Identify sources of waste and variation within the business.
- Execute complex projects successfully.
- Use Lean Six Sigma as an efficient and effective cost reduction strategy.