

## SIX SIGMA CHAMPION PROGRAMME

### Role of the Champion

The Six Sigma Champion is a part time Six Sigma programme member who provides guidance and support to Six Sigma project leaders and team members. His/her role involves selecting and approving Six Sigma projects, mentoring Six Sigma Green Belts and Black Belts, and assisting during project planning and implementation in the removal of barriers to progress. S/he is a member of the senior management team, and is a committed Six Sigma promoter. S/he is trained in project management techniques and in a basic level of problem solving and statistical analysis tools as they apply to a Six Sigma programme. S/he is not necessarily operationally involved in project delivery.

### Programme Objective

On completion of the Champion Programme candidates will understand Six Sigma principles, will be able to develop a programme roadmap, and will be conversant with a range of Six Sigma project management, problem solving and statistical analysis tools

### Structure

- Case-study based interactive workshops – 5 days
- Self Study – 20 hours

### Optional Extras

- Site visit to Irish based manufacturing plant to meet with qualified Six Sigma practitioners and learn through example and question and answer session
- Guest speaker – experienced Six Sigma champion

### Critical Success Factors

- Candidates are senior decision makers in the organisation
- An organisation-wide Six Sigma programme exists or is planned.
- Six Sigma is seen as a strategic tool for providing commercial advantage to the
- The Champions are ambitious for personal and organisational success

### *Body of Knowledge*

**Lean Six Sigma Introduction**  
**The Customer**  
**DMAIC**  
**Managing Change**  
**Programme Roadmap**  
**Metric Selection**  
**Lean Six Sigma Critical Success**  
**Factors**

### **Overview of:**

Business Process Mapping  
Cause & Effect Analysis  
5 Whys  
Data Representation  
Measurement System Analysis  
Process Capability  
Statistical Process Control  
Design of Experiments  
FMEA