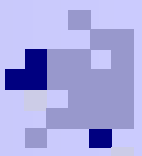


# 2008 Public Training

**FLEXIBLE** SIX SIGMA PUBLIC TRAINING PROGRAM



“Know-how” for every engineer, business executive & researcher.



## Six Sigma Manufacturing Green Belt and Black Belt Program

*Commencing 25 Feb 2008*

### About the Program

This program is a combination of Green Belt and Black Belt program. The four-week training is organized around the five main phases of the Six Sigma Roadmap: Define, Measure, Analyze, Improve and Control. Both Green Belts and Black Belts participate in the first two weeks of training; the Black Belts will continue with the third and fourth weeks of training. There will be at least three weeks in between training sessions to allow the participants to apply the material learned to their project.

Project reviews during each session maintain project focus. In between training, SYSTATS provides coaching and guidance to ensure that the

It is the responsibility of the Champion to ensure that their Belt candidates arrive at class with a proper project charter.

### Who Should Attend

Prospective Green Belts and Black Belts from Manufacturing and Assembly Processes. The Black Belts will normally lead highly complex production process related problems which may transcend across several processes and/or departments within an organization.

The Green Belts will lead simpler process related projects or will support the Black Belts in their projects.

Only representatives from Companies pursuing Six Sigma are eligible for this program.

### Project Coaching

(Optional)

Upon request of the client and in between the four class sessions, SYSTATS offers project coaching on site for Klang Valley Companies or otherwise at the SYSTATS Learning Center, Shah Alam, Selangor. Project coaching allows guidance on project tool application and helps ensure results are meaningful and on schedule.

### Certification

The Green Belt or Black Belt candidate shall be certified by SYSTATS after completion of project. This is achieved by submitting a project report to SYSTATS. In addition, the following conditions must be met:

- The improvement and savings have been verified by the company and are a result of the current program (prior projects may not be submitted). An affidavit from the Black Belt's company signed by the Finance Director or MD is required.
- SYSTATS has verified the correct usage of the DMAIC Roadmap and Methodology in the project.

#### **SystatS Consulting Sdn. Bhd.**

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Persiaran Damai, Seksyen 11

40100 Shah Alam, Selangor, Malaysia

Phone: 603-5512-2629

website : [www.systats.com.my](http://www.systats.com.my)

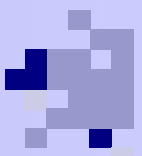
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## Six Sigma Manufacturing Green Belt and Black Belt Program

### Computer Requirement

PC's will be provided for the training program. Candidates who wish to bring their own laptop may do so. The statistical software Minitab shall be used for the training program.

### Cost per Person

Black Belt : RM 12,000

Green Belt : RM 6,000

Project Coaching: RM 1,500 per half day (recommended at least two hours per Belt after each training session, additional to training fees listed above)  
(optional)

Fees are inclusive of

- Course notes and materials
- Luncheon plus morning and afternoon refreshment breaks
- Certificate of Attendance
- Black Belt Certification upon successful fulfilment of the requirements

### Discount

Group Discount of 10% (3 or more participants from same organization for same seminar);

Early Bird Discount of 5% (Registration at least 30 days prior to commencement of course);

Small and Medium Scale Industry Discount of 5% (Companies with issued capital of RM2.5 million and below).

### Schedule

Week 1 25 – 29 Feb 2008 (All classes 8:30am-5:30pm)

Week 2 24 – 28 Mar 2008

Week 3 21 – 25 Apr 2008

Week 4 26 – 30 May 2008

### Venue

SYSTATS Learning Centre, Shah Alam, Selangor

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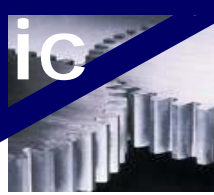
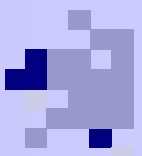
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**Table 1. Combined List for Manufacturing Green Belt & Black Belt Program**

Week	Topics
1 (Green and Black Belts)	Introduction to Six Sigma/DMAIC Roadmap Project Scoping and Chartering Process Mapping Cause & Effect Matrix Introduction to Statistical Package Basic Statistics Basic Quality and Graphical Tools Introduction to SPC Measurement System Analysis (Variables Data) Measurement System Analysis (Attribute Data) Capability Study FMEA Initial Control Plan
2 (Green and Black Belts)	Review of Week 1 Planning Multi Vari Study Hypothesis Testing and Confidence Intervals One and Two sample Comparison Analysis of Variance Simple Linear Regression Chi-Square Test Sampling Considerations Introduction to DOE General Factorial Design Mistake Proofing Final Control Plan SOP/SOC/Training Project Review
3 (Black Belts only)	Review of Week 2 Multiple Regression General full Factorial Designs $2^k$ Factorial Designs $2^k$ Fractional Factorial Designs Attribute Response DOE Planning Sequential Experimentation Project Review
4 (Black Belts only)	Review of Week 3 1 <sup>st</sup> Order Response Surface Models Path of Steepest Ascent 2 <sup>nd</sup> Order Response Surface Models Multiple Response Optimization Split Plot and Strip Plot Designs Introduction to Taguchi Designs Introduction to Evolutionary Methods (EVOP) Intermediate SPC Project Review

To register, you may obtain the Registration Form from the SystatS website:  
[www.systats.com.my](http://www.systats.com.my).

Complete the registration form and Fax to 603-5512-2627, or e-mail to [contact@systats.com.my](mailto:contact@systats.com.my).

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