Six Sigma Business Excellence

Black Belt Program

Six Sigma Business Excellence...improved customer satisfaction, significant gains in quality, breakthrough bottom-line profitability, decreased cycle times, and increased sigma shifts. Learn how to achieve these results as a Black Belt through the ASQ Six Sigma Black Belt Program.
Register today for the ASQ Six Sigma Black Belt Program

Six Sigma Black Belt training teaches and prepares change agents and technical leaders within an organisation to implement the principles, practices, and techniques of Six Sigma in order to deliver breakthrough business improvement results time after time.

Financial Results Through Business Improvement

Six Sigma emphasises quality improvement, but it is more than statistics and tools. The proven Six Sigma methodology is a systematic application that is focused on achieving significant financial results. When properly deployed on carefully selected business projects, this methodology can lead to a significant reduction—and in many cases, elimination—of defects and out-of-control processes, which saves valuable corporate resources. That translates into immediate—and dramatic—financial profitability.

Based on their original training projects, ASQ-trained Black Belts have saved more than $125 million! The results are incredible. And, because a typical Black Belt can direct four to six projects per year, annualised cost reductions for each Black Belt can be significant for any organisation!

Six Sigma brings results that go right to the bottom line—regardless of the type or the size of business (manufacturing, operational, service, or health care).

Program Curriculum and Outcomes

Black Belt training is conducted in a series of sessions—four weeks of rigorous and applied training over a four-month period—20 total days of coursework. During training, Black Belt students focus on an actual working project—approved by their management prior to the start of the first session. These projects centre on delivering bottom-line financial results while increasing customer satisfaction. Students can expect to spend at least 60% of their time at work on their projects.

The Black Belt curriculum includes a broad range of Six Sigma tools and techniques:

- Learn how to manage the Six Sigma strategy.
- Compute and apply basic statistics.
- Establish and benchmark process capability.
- Apply key statistical tools for hypothesis testing.
- Learn how to construct and use variable and attribute data.
- Identify and leverage dominant variation sources.
- Establish realistic performance tolerances.
- Understand the principles and construction of experiments.
- Design and execute multivariable experiments.
- Acquire basic concepts of process control.
- Learn how to plan and implement process control systems.

Program Materials

Your investment in the Black Belt program includes 20 days of classroom training by a skilled and highly experienced Master Black Belt instructor. The curriculum is second to none!

Participants receive:

- ASQ’s Six Sigma Training Software.

Additionally, participants will receive:

- *The Black Belt Memory Jogger*, by Goal/QPC.

Course Requirements

- Intermediate-level familiarity with laptop computers.
- Basic secondary-level algebra (helpful for statistics applications).
- Management-approved business improvement project that will provide a bottom-line cost savings to the organisation in the range of $100,000 or greater. You will receive a copy of the ASQ Project Authorisation form upon enrolment confirmation.
- Participants are expected to bring laptop computers.

Additional Prerequisites

The following software applications must be supplied by the registrant.

- Minitab™ Statistical Software - latest version.
Payment
All payments must be made before the start of the first session. If payment is not received according to the terms specified, The University of South Australia reserves the right to release your space. You may register by phone, mail, or fax, by using the registration form attached. With your registration, please include a cheque, credit card details, or company-issued purchase order number. Please note that company purchase orders must be submitted at the time of registration.

Substitutions
Registration for Six Sigma Black Belt training closes two weeks prior to the start of the first session. Substitutions are allowed up until two weeks prior to the start of each program, to allow for pre-session assignments.

Transfers
A transfer from one program to another can be made at any time prior to the start of the first session of each program. A maximum of one transfer is allowed per session. Additional transfers made after the first one will be subject to a $250 fee.

Cancellations
A cancellation fee can be assessed up until the start of the first session (University of South Australia determines amount of fee). If all course materials that were previously sent to you are returned unopened and in excellent condition, the cancellation fee will be reduced further. No refunds will be issued after the start of the first session. Registrants who fail to attend are liable for the entire program fee.

Please be aware that you are responsible to attend each session for the program that you have registered for. In the case of an emergency where you may not be able to attend a session, please contact the Six Sigma program manager on (08) 8302 0801 prior to the missed session. We will do as much as possible to help reschedule you into another similar session.

Training Dates
Open enrolment and in-house sessions are available. Contact your Six Sigma program manager on (08) 8302 0801.

University of South Australia
The University of South Australia (UniSA) has a formal agreement with the American Society for Quality (ASQ) to deliver Six Sigma training for “Green Belt”, “Black Belt”, “Champion” and “Executive Overview” throughout Australia. The UniSA programs are delivered by experienced ASQ approved instructors using the globally standardised materials from ASQ. The Green Belt and Black Belt global certification (ASQ Qualification) includes a globally standard examination that is carried out by an independent assessor for ASQ.
Application and Tax Invoice for Black Belt Six Sigma Program

**PERSONAL DETAILS**

<table>
<thead>
<tr>
<th>DR.</th>
<th>MR.</th>
<th>MRS.</th>
<th>MS.</th>
<th>FAMILY NAME</th>
</tr>
</thead>
</table>

**GIVEN NAME(S)**

**TELEPHONE**

**MOBILE**

**FACSIMILE**

**WORK EMAIL**

**HOME EMAIL**

**MAILING ADDRESS**

<table>
<thead>
<tr>
<th>MAILING ADDRESS</th>
</tr>
</thead>
</table>

**EMPLOYMENT DETAILS**

**EMPLOYER**

**ABN**

**POSITION / TITLE**

**EMPLOYER'S ADDRESS**

<table>
<thead>
<tr>
<th>WWW.</th>
</tr>
</thead>
</table>

**PAYMENT DETAILS**

**BLACK BELT SIX SIGMA PROGRAM**

**COURSE ADVERTISED COST $**

**CHEQUE**

**MAKE CHEQUE PAYABLE TO UNIVERSITY OF SOUTH AUSTRALIA**

**CREDIT CARD**

**PLEASE COMPLETE THE AUTHORITY BELOW**

<table>
<thead>
<tr>
<th>VISA</th>
<th>MASTERCARD</th>
</tr>
</thead>
</table>

**CARD NUMBER**

**EXPIRY DATE**

<table>
<thead>
<tr>
<th>CARD NUMBER</th>
<th>EXPIRY DATE</th>
</tr>
</thead>
</table>

**CARDHOLDER'S NAME**

<table>
<thead>
<tr>
<th>CARDHOLDER'S NAME</th>
<th>SIGNATURE</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>University of South Australia</th>
<th>Training Partner of ASQ</th>
</tr>
</thead>
</table>

PLEASE FORWARD APPLICATION WITH PAYMENT TO:

SANDRA WALKER

STRATEGIC PARTNERSHIPS, UNIVERSITY OF SA,

GPO BOX 2471, ADELAIDE, 5001.

FAX (08) 8302 0805

EMAIL Sandra.Walker@unisa.edu.au

ABN 37 191 313 308

Cancellation Policy: The University of South Australia reserves the right to cancel events and issue refunds. In the event that an attendee cannot attend, a substitute is welcome to attend in their place. No refunds will be given unless 14 days notice is given in writing prior to the date of the planned event.