

Six Sigma Green Belt Training

Take the lead in fact based decision making on all your projects

Purpose of the course

The participants of this course will be trained to become professional Green Belts. This will result in the people who execute improvement projects according to the Six Sigma methodology. Small improvement projects can be executed independent according to the methodology and they can assist Six Sigma Black Belts in larger projects. They will be trained to act as change agents in your organization to deploy the methodology. To increase the effectiveness of learning the Six Sigma methodologies and related tools, the participants will execute their first project simultaneously with the course. The project must have a substantial benefit to the organization, multiple times the investment of this training program.

Target group

The Six Sigma Green Belt course focuses at people within a company involved in leading projects aimed at improving existing products, processes or services. The program is suitable for both technical staff and non-technical staff involved in transactional processes, as long as affinity for data based decision making, supported by statistics, is within the sphere of interest. Personal involvement in projects is a prerequisite.

Work and thinking level / experience level

HBO level of thinking.

What will be learned – the skills

During the course the steps of the Six Sigma DMAIC methodology will be explained. Basic Six Sigma methods and techniques will be explained. Also, Lean tools and techniques will be presented. Presentations will be alternated with case studies and exercises. Further attention is paid to statistical techniques, which will be taught using the statistical software programs Minitab or JMP (according to the wishes of the client). The training has a stronger emphasis on statistical techniques than on Lean techniques.

Training options

Holland Innovative offers the Green Belt course as an in-company training. This training can be tailored to the wishes of the client and is also very flexible in its scheduling. It will be taught by teachers from Holland Innovative. Further, Holland Innovative organizes open trainings at our training location at the High Tech Campus in Eindhoven. For this Green Belt training we cooperate with IBIS UvA. IBIS UvA is the Institute for Business and Industrial Statistics, connected to the University of Amsterdam. It is the center of knowledge in the field of Six Sigma in the Netherlands. Both IBIS UvA and Holland Innovative gained a lot of experience in Six Sigma over the last few years, applying the methodology to leading Dutch and international corporations. Their gained experience has resulted in the development of a certified Six Sigma Green Belt course, in which many case studies will be discussed. After the training there is a possibility to participate in the Six Sigma User Group to be able to get support and to present own projects.

Dommel Valley Certification

Participants who finish the course and take the accompanying theoretical exam with success will receive a Dommel Valley certificate of participation. If one Green Belt project is successfully ended, a Dommel Valley Green Belt certificate will be issued to the student.

University Certification

Participants who finish the course and take the accompanying theoretical IBIS UvA exam with success and finish two projects successfully according the Six Sigma methodologies can be certified by the University of Amsterdam as Six Sigma Green Belt. Projects must be approved by the University of Amsterdam.

Course duration: 6 days (~50 hours)

The standard course takes about 50 class hours. For in-company trainings great flexibility can be applied in clustering these hours in blocks or dividing them over a longer period of time.

The schedule is fixed for our open training. The course is split up in four blocks. The first two blocks have 3 succeeding course days, the latter two have one course day. Blocks are followed by a 2 – 3 week break during which the participants can further study the presented material and have the time to apply it to their projects. The blocks are daily from 09:00 - ~19:00 hours, followed by a dinner at the Grand Café on the High Tech Campus. The time from 17:00 – 19:00 hours will be used to discuss and review the running projects. The last day of each block will end approximately at 16:30 hours.

Number of participants

Due to the nature of the course a minimum number of participants is required. For the in-company course this is 8 and for the open course this is 10. The maximum is 16 in both cases. For the open course, admission is in order of entry of signed subscription forms.

Course content

The course is organized along the lines of the Six Sigma DMAIC steps. Important items are: project definition by means of a Project Charter, judging the validity of measurement systems, assessing process capability, definition and execution of efficient experiments (DOE) and secure the results that have been achieved (e/g by SPC).

What to bring to the course?

During the course participants need a laptop installed with MS Excel and the statistical software package Minitab (version 15 or higher) or JMP (version 8 or higher). A 30-day trial version of these packages can be downloaded from the website www.minitab.com or www.jmp.com. In the course room WLAN access is available to access your company Minitab or JMP license.

Teachers

Head teachers and responsible for the content of the in-company course are Joost van der Heijden and Jan van de Venne.

Head teacher and responsible for the content of the open course is Jeroen de Mast (IBIS UvA).

Dommel Valley Platform

The Dommel Valley Platform is an initiative from Philips Healthcare, Aalberts Industries, University of Amsterdam and Holland Innovative. By now over 10 well-known enterprises have become member of the

platform. Its goal is sharing knowledge with respect to product design, product quality and product reliability. The platform organizes trainings as well as seminars related to robust design and reliability and thus bringing open innovation into practice. Membership provides unique access to the facilities of the platform.

Location & Costs

The course location for the open course is the training room of Holland Innovative at the High Tech Campus in Eindhoven.

Included in the course price are the training days in Six Sigma methodologies and extended course materials and exercises.

The open course includes project support on course days from 17:00 – 19:00 hours, daily lunches and dinners at the first three days of each block.

The cost for an in-company training depends on the number of participants and the course arrangements requested by the customer. Project support can be supplied, if requested. A theoretical exam at the end is part of the course.

The cost for the open course is € 4.250 (ex VAT) per participant.

Not included in the course price are the costs for the theoretical IBIS-UvA exam and certification by the University of Amsterdam (this is optional).

Subscription

Subscription can be done by filling in the subscription form, which can be ordered via academy@holland-innovative.nl.

Subscription is also possible via the web site www.holland-innovative.nl.

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