



Lean Six Sigma Green Belt Certification Program

The Lean Six Sigma Green Belt certification program is presented one day a week for fourteen weeks. The program is instructor-led and will involve participants in extensive interactive training. Participants will gain in-depth exposure to each topic through classroom assignments and structured exercises within team environments.

The training modules include:

Six Sigma/Lean Enterprise Approach to Improvement • Team Building/Leadership • Value Stream Mapping (VSM), Current State and Future State • Cost of Quality • 5-S and Visual Controls • Standard Work • Takt Pacing/Pattern • Basic Problem-Solving Process/Tools • Cause-Effect Matrix • FMEA (Failure Mode and Effects Analysis) • Statistical Thinking • Sampling Issues • Basic Statistics • SPC/Control Charts • Components of Variance • Measurement Systems Analysis • Correlation and Regression Analysis • Control Plans • Design of Experiments-Introduction • t-tests • Design of Experiments-Two-Level Full Factorial • Line and Cell Design • Mistake Proofing (Poke-Yoke) • Kanban • Setup Reduction • Total Productive Maintenance (TPM) • Kaizen

Green Belt Project:

Each participant will be required to complete a project of significant value to his/her organization. These projects will require the completion of a Project Charter describing the project and detailing the objectives, team members, costs, and timeline. The Charter must be approved by both the organization's management, as well as RIT. The participants will present progress reports during the training period. Pairs of participants from the same organization may be involved with the same project. Successful completion of this program will result in Lean Six Sigma Green Belt certification.

Instructors:

- Donald D. Baker**, Executive Director of the John D. Hromi Center for Quality and Applied Statistics (CQAS) at RIT
- Peter Bajorski**, Associate Professor in CQAS at RIT
- Vincenzo Buonomo**, Program Manager at the Center for Excellence in Lean Enterprise (CELE) at RIT
- Steve LaLonde**, Associate Professor in CQAS at RIT
- Robert Parody**, Assistant Professor in CQAS at RIT
- Joseph G. Voelkel**, Chair of the Graduate Program and Associate Professor in the Graduate Statistics Program at CQAS at RIT

Fees:

1 person \$3,500

Teams from the same organization are entitled to discounted rates as follows:

- 2 people from the same company \$3,150 per person
- 3 people from the same company \$2,975 per person
- 4 people from the same company \$2,800 per person

Registration:

Seating is Limited • Registration is Required • Registration form on next page.



Lean Six Sigma Green Belt Certification Program Registration

Dates and Times (14 sessions):

Please visit our website for the current schedule:
www.rit.edu/kgcoe/cgas/GB_Schedule.html

Continental breakfast will be provided each day. Lunch will be provided on full-day sessions.

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1 person \$3,500

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3 people from the same company \$2,975 per person
4 people from the same company \$2,800 per person

REGISTRATION

PARTICIPANT INFORMATION:

PAYMENT:

Payments may be made by check or credit card, and must be submitted at the time of registration. **Refunds** will be issued for cancellations received and confirmed at least 10 business days prior to the program date. No refunds will be issued for cancellations received after that time.

FORM OF PAYMENT — SELECT ONE:

- Check (made payable to Rochester Institute of Technology)
- Credit Card (You will be e-mailed a link for payment upon receipt of your registration form.)
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Name
Title
Supervisor
Company Name
Address
City/State/Zip
Phone
E-Mail Address
Dietary Restrictions

Please mail or fax completed form with payment to:

Mary Bellanca, Program Manager
RIT Center for Quality and Applied Statistics
98 Lomb Memorial Drive • Rochester, NY 14623
585.475.7050, phone • 585.475.5959, fax