

Available Now Online

Earn Your Black Belt

SYSEN 5300

Systems Engineering and Six Sigma for the Design and Operation of Reliable Systems

Black Belt Certification with an emphasis on Statistical Analysis

Distance Learning format available in Fall 2018.

How To Apply

- Go to the Cornell School of Continuing Education and Summer Sessions website at <https://www.sce.cornell.edu/pt/register/regular.php> or
- Contact the SCE at::

Continuing Education and Summer Sessions
Cornell University
B20 Day Hall
Ithaca, NY 14853-2801

Only extramural students should apply for the Six Sigma (SYSEN 5300) course using the Continuing Education website.

Six Sigma & Cornell

Six Sigma's goal to create superior products that both meet and exceed customer's expectations through identification and removal of defect causes and variability is widely utilized throughout industry. Cornell's Six Sigma Black Belt Certification enables its graduates to utilize this highly specialized strategy with widely applicable tools to formulate and execute effective decisions to ensure that customer and business specifications are achieved. There are many Six Sigma certification programs out there. However, our certification offers a level of statistical rigor that makes Cornell stand out and surpass other Black Belt Certification programs.

- Six Sigma Black Belts save companies approximately \$230,000 per project – Six Sigma Academy
- Trained and certified Six Sigma Black Belts can earn up to \$38,000 more than their uncertified counterparts – iSixSigma Magazine
- U.S.-based Six Sigma Black Belts earn an average of \$100,592 in total compensation – iSixSigma Magazine

Six Sigma

Six Sigma continuous improvement based on a statistical measure of variability. The Six Sigma method is based on the DMAIC model:

- **D**esign, identify, prioritize, and select the right projects
- **M**easure the key product characteristics and process parameters
- **A**nalyze and identify the key process determinants
- **I**mprove and optimize performance
- **C**ontrol to hold the gains

For more information, please contact Marcella P. Purcell or Sheri Minarski at systemseng@cornell.edu.

CornellEngineering
Systems Engineering

6σ

Systems Engineering
Cornell University
204 Rhodes Hall
Ithaca, NY 14853

607.254.8998
systemseng@cornell.edu

www.systemseng.cornell.edu

