

Graduate Certificate in Six Sigma Black Belt

Degree Codes: ES GC SSBB

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Overview

The certified Six Sigma Black Belt is a professional who can explain Six Sigma philosophies and principles, including supporting systems and tools. A Black Belt should demonstrate team leadership, understand team dynamics and assign team member roles and responsibilities. Black Belts have a thorough understanding of all aspects of the DMAIC model in accordance with Six Sigma principles. They have basic knowledge of Lean enterprise concepts, are able to identify non-value-added elements and activities and are able to use specific tools.

Requirements

Students are required to take the following courses and earn a grade of 'B' or higher in each of these courses to complete the requirements of the Six Sigma Black Belt Certification

Take all four of the following courses:

INEN 514: Statistical Analysis for Six Sigma

INEN 566: Six Sigma and Quality Control

STAT 507: Design and Analysis of Experiments

INEN 520: Six Sigma Black Belt Project

Total: 12 SCH of coursework.

More Information

The cost to take the four required course is \$1,314 per course for a total of \$5,256 to complete the Louisiana Tech University Six Sigma Black Belt certification.

According to www.goleansixsigma.com, "for certified Black Belts, the national average salary is \$99,000 per year. For certified Master Black Belts, the average salary is even more at \$121,000 per year."

According to Salary.com "the median annual Six Sigma Black Belt salary is \$103,129 as of September 30, 2016, with a range usually between \$93,965-\$110,869..."