



Lean Six Sigma Black Belt Recommended Knowledge Skills and Abilities

For success in the Kent State Lean Six Sigma Black Belt training and certification, Kent State University professionals recommend that those who register possess the following knowledge, skills and abilities. These are suggested and are not required for registration.

Education	A minimum of a two-year associate's degree is preferred. If the Black Belt candidate does not hold a college degree, it is highly recommended that the candidate have completed high school level algebra and have a basic understanding of statistics (see below)
Working Experience	Three Years Experience in Business and Industry
Ability to Use Computer Software	Windows Operating System Microsoft Word Microsoft Excel – Intermediate (rows, tables, functions, enter data into graphs) Microsoft PowerPoint
Knowledge	Basic Statistics (distributions, sampling strategies, means and medians, ranges and standard deviation) Algebra College Level Reading Basic Quality Management techniques and processes
Ability in Communication	Public Speaking and Verbal Communication Ability College Level Writing
Leadership Skills	Passion, influence, motivation (ability to motivate others)