

## LEAN SIX SIGMA BLACK BELT CERTIFICATION PROGRAMS

Abbreviations: LSS = Lean Six Sigma, BB = Black Belt, GB = Green Belt, BOK = Body of Knowledge

	MoreSteam	Villanova	ASQ
<b>Training Requirements for Certification Candidates</b>			
<b>What training is required?</b>	MoreSteam's online LSSBB course, available through MoreSteam, Ohio State Univ. (OSU), George Washington Univ. (GWU), Cal Poly, or American Society for Quality (ASQ)	Villanova's online LSSBB course (provided by Bisk Education)	Self prep for Exam. Many options but not required.
<b>Prerequisite to BB training</b>	None (BB course includes all material from GB course)	Villanova's online Lean Six Sigma and SS Green Belt courses or equivalent training	3 Years work experience in Six Sigma BB BOK. Work experience full time, in paid role.
<b>Length of Training Course</b>	140 hours (entirely online; self-paced)	LSS: 8 wks GB: 8 weeks BB: 16 weeks (candidate attends on-line lecture series)	No specific training course is required.
<b>University Affiliation</b>	The Ohio State Univ. (OSU) Fisher College of Business; George Washington Univ. (GWU) Center for Excellence in Public Leadership; Cal Poly - Orfalea College of Business	Villanova University (partnership through University Alliance, an online training provider)	None
<b>Data Analysis Software included with course</b>	EngineRoom® (Web-based or Excel Add-in)	No software provided	No specific training course is required.
<b>Is there instructor support during training?</b>	Yes	Yes	No specific training course is required.
<b>CEUs Earned from course</b>	14	LSS: 5 GB: 4.5 BB: 9	No specific training course is required.
<b>Cost of Training Course</b>	\$3,100 (covers Lean Six Sigma BB BOK)	\$8,885 (\$2,495 + \$2,295 + \$4,095)	No specific training course is required.

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<b>Exam Requirements for Certification Candidates</b>			
<b>Comprehensive Exam</b>	Online	Online	Computer-based Exam or Paper & Pencil Exam at testing center
<b>When can you take the exam?</b>	Any time after completing coursework	Any time after completing coursework	Offered at designated testing sites according to ASQ's published exam schedule
<b>Reference materials allowed?</b>	Reference books, notes, calculators & data analysis software	Reference books, notes, calculators & data analysis software	Reference books, notes, & scientific calculators; No programmable memory permitted on device
<b>Passing Score for Exam</b>	80%	70%	550/750 points
<b>Project Requirements for Certification Candidates</b>			
<b>Number of Original Projects Required</b>	2	0*	2 completed projects with signed affidavits (OR 1 signed affidavit and 3 yrs. BOK experience)
<b>Project Type</b>	Real-world projects selected by individual	*Simulated project deployed throughout training.	Real-world project(s) selected by individual
<b>Original Project Documentation Required</b>	Full documentation required for 1 <sup>st</sup> project; Summary for 2 <sup>nd</sup> . Submitted via TRACtion® online project tracking	None	Signed affidavit(s); no detailed project documentation required
<b>How much coaching is available for projects?</b>	Coaching on Charter, Tollgates, and Final Project Review	Course instructor available	None
<b>Final Costs and Summary</b>			
<b>Cost for Certification Process</b>	\$750	\$370	\$538 (\$438 for ASQ full members)
<b>Total Cost (Certification plus Training)</b>	\$3,850 (EngineRoom software included)	\$9,255 (no software included)	\$538 + Training costs + expenses related to travel to exam as needed
<b>Training + Certification Timeline</b>	Self-paced, up to 545 days (18 months)	168 - 224 days (6 - 8 months)	Varies according to individual's method of preparation, completion of project work, and exam schedule
<b>Certification Standard</b>	Adheres to independent LSS Black Belt Standards published by The Center for Operational Excellence (COE) at The Ohio State University	None mentioned	ASQ
<b>Recertification Period?</b>	5 years	3 years	3 years

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<b>Summary</b>			
<b>Summary of Certification Program</b>	Training and certification package includes one-year course access, 18 months access to project tracking tool and coaching for project review. MoreSteam certification culminates with a portfolio of completed real-life project work.	Training conducted via weekly online lectures (recordings are archived and remain accessible). No software provided or required in training or project work. Passing score on exam is lower. No original project required.	Training is up to the individual. Affidavits verifying prior project experience are required. Exam requires manual calculations.
<b>Cost Breakdown for Certification</b>			
<b>Black Belt Course</b>	\$3,100	\$2,495 for LSS \$2,295 for GB \$4,095 for BB	NA
<b>Course Support</b>	\$0	\$0	NA
<b>Statistical Software</b>	\$0 (EngineRoom software included)	No software included	NA
<b>Certification Exam</b>	\$0	\$370	NA
<b>Project Costs</b>	\$0	\$0	NA
<b>Project Coaching</b>	\$0	\$0	NA
<b>Certification</b>	\$750	\$370	\$538 (\$438 for ASQ full members)
<b>TOTAL COST</b>	<b>\$3,850</b>	<b>\$9,255</b>	<b>\$538</b>
<b>TOTAL ACCESS</b>	545 days (18 months)	168 - 224 days (6 - 8 months)	Varies
<b>Additional Costs</b>	One exam retake included. \$150 for second exam retake.	\$125 retake fee for exam	Varies according to individual's method of preparation, completion of project work, and exam schedule