



Course Objectives

- Prepare participants for the CSSYB exam.
- Enhance participants' professional competencies in Six Sigma Green Belt.

SSGB Course Outline

- Overview: Six sigma and the organization.
- Define phase.
- Measure phase.
- Analyze phase.
- Improve phase.

GLC Certificate Eligibility

Participants will receive a Certificate of Successful Completion if they meet the following requirements:

- Attend all SSYB Review course sessions
- Complete SSYB Review course evaluation
- Pass GLC SSYB exam

If any of the above requirements are not met, the participant will receive a Certificate of Participation.

Overview

Six Sigma Yellow Belt is designed to meet the needs of professionals who want to develop foundational knowledge of Six Sigma. Therefore, the course is most suitable for entry level employees seeking to improve their work or executive champions who require an overview of Six Sigma and DMAIC. After providing an overview of six sigma, the course focuses on each of the five phases of the six sigma project; namely, Define, Measure, Analyze, Improve, and Control. highly interactive with examples, exercises, and real-world lessons.

Upon completion of this course, learners should be able to:

1. Explain the purpose and value of six sigma, the DMAIC methodology, and the roles and responsibilities of stakeholders.
2. Identify six sigma principles and basic relevant quality tools.
3. Describe the basics of project management, and how to select and use project management tools.
4. Explain why data is important, the types of data, and how to plan for its collection.
5. Define, compute, and interpret measures of centrality and variance.
6. Identify and describe tools for process analysis, root cause analysis, correlation computation, and simple hypothesis testing.
7. Define and distinguish between improvement techniques.

ASQ CSSGB Eligibility

According to ASQ, to be eligible for CSSYB, a candidate must:

- have a minimum of one year of work experience.
- pass a 2.5-hour, one-part examination of 75 multiple-choice questions.

Instructor

Prof. Tariq A. Aldowaisan holds a Bachelor (1983), Master (1986), and Ph.D. (1990) in Industrial and Management Systems Engineering from Arizona State University. He is a Professor at Kuwait University, where he teaches quality, statistics, and occupational safety and health. He is an Associate Safety Professional (ASP), Certified Safety Professional (CSP) and a Certified Environmental, Safety, and Health Trainer (CET) by the American Board of Certified Safety Professionals (BCSP). He has an extensive track record of professional consulting and training in health, safety, and environment; e.g. Kuwait Oil Company, Kuwait Foreign Petroleum Exploration Company, Kuwait Energy Company, and Ministry of Defense.



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