



Internationally Certified Training Programs

PECB Certified Six Sigma Green Belt

Course Introduction

This training enables you to develop and certify the technical knowledge and skills of a Six Sigma Green Belt. The course is characterized by experiential learning, personalized labs, skill-based training, practical statistics, 1:1 attention, and immediately usable decision trees and job aides. Certification is based on a project simulation, in-class assignments, examination, and participation.

Target Audience

- Managers or consultants involved with and committed to process improvements
- Individuals seeking to improve business, production, or service processes
- Six Sigma project team leaders and/ or team members
- Expert advisors seeking to master the implementation of Six Sigma projects

Learning Objectives

- Learn the fundamental principles of process improvement
- Manage projects using the familiar DMAIC methodology
- Leverage the GRES methodology for problem-solving
- Apply basic statistical analyses when appropriate to support improvement efforts
- Learn how to verify process improvements by using statistical and common sense methods
- Facilitate Green Belt process improvement projects
- Learn how to shift processes, reduce variation, stabilize processes, and improve their capabilities

Course Outline

- **01 Day One**

- Introduction to Six Sigma Green Belt and Define:**

- Course Objectives and Structure
 - Course Overview
 - Introduction to Six Sigma Green Belt Training
 - Project Stakeholders
 - D1 Project Selection
 - D2 Scope Projects
 - D3 Develop Charter

- **02 Day Two**

- M1 Detailed Process Maps
 - M2 Data Analysis
 - M3 Data Management Plans
 - M4 Algebra Review & Summary Statistics
 - M5 Graphical Displays
 - M6 Time Based Displays

- **03 Day Three**

- A1 Value Add Analysis
 - A2 Stratification Analysis
 - A3 Root Cause Analysis

- **04 Day Four**

- Improve and Control:**

- I1 Process Improvement
 - I2 Project Validation
 - C1 Control Methods
 - 2 Control Charts
 - C3 Sustainability
 - Six Sigma Green Belt Certification
 - Closing the Training

- **05 Day Five**

Confirmed Sessions

FROM	TO	DURATION	FEE\$	LOCATION
June 30, 2025	July 4, 2025	5 days	4250.00 \$	UAE - Dubai
Sept. 15, 2025	Sept. 19, 2025	5 days	4950.00 \$	Netherlands - Amsterdam
Nov. 24, 2025	Nov. 28, 2025	5 days	4250.00 \$	UAE - Abu Dhabi