



**HEROTEC**  
NETWORK PROFESSIONAL TRAINING

## **Six Sigma Yellow Belt Course Outline**

### **Target Audience & Job Roles:**

- Process Development Engineers
- Operating System Specialists
- Business Process Analysts
- Data Scientists
- Project Engineers
- Individuals committed to process improvement
- Individuals seeking to gain knowledge about the Six Sigma methodology
- Individuals interested to pursue a career in process improvement

## Course Objectives

- Six Sigma Yellow Belt training enables you to learn about the fundamental principles of Six Sigma. During this training course, you will be able to understand the main problem-solving tools and techniques, and the DMAIC process.
- The main objective of this training course is to ensure that the participant has acquired the necessary knowledge to participate in Six Sigma project teams and is able to identify and quantify opportunities for improvement.
- Six Sigma Yellow Belt understands how to implement, perform, interpret and apply Six Sigma in a skilled yet limited and / or supportive context.
- This course is for IT professionals preparing to apply for a “PECB Certified Six Sigma Yellow Belt”

## Domains Areas Covered:

- **Domain 1:** Fundamental principles of Six Sigma
- **Domain 2:** Six Sigma methodology

## Skills & Knowledge

- Understand the basic concepts of Six Sigma Yellow Belt
- Acknowledge the value of Six Sigma to an organization
- Understand the Six Sigma Yellow Belt tools and techniques used to improve processes, customer satisfaction and efficiency

## Herotec Training Key Features

- Certified Trainers
- Official Courseware
- Course Knowledge setup to ensure “Learn by Doing”
- Downloadable files, links and checklists & more resources
- Affordable prices
- Flexibility

## About the exam:

- Required exam: PECB Certified Six Sigma Yellow Belt
- CPD Certification (Credits): 14
- Exam Duration: 1 hour
- Number of Questions: 40
- Exam Type: Multiple choice
- Retake Exam: Yes

## Course Outlines:

### Day 1

- Course objectives & structure
- Fundamentals of Six Sigma
- Why do organizations adopt Six Sigma
- Six Sigma belts
- Six Sigma approach
- DMAIC cycle

### Day 2

- Six Sigma project team roles & responsibilities
- Key stakeholders
- Six Sigma tools & techniques
- Training, awareness, & communication plan
- Certification process & closing

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