



University of Bahrain MICRO-CREDENTIAL



SIX SIGMA QUALITY

GENERAL INFORMATION

Duration: 8 Weeks

Total Hours: 80 hours

Venue: To be announced

Fees: 500 BHD

Credits: 2 credits

Level: Postgraduate

Language: English

Pre-requisite: Statistics

INSTRUCTORS BIOGRAPHY



Dr. Yaser Al-Alawi

Assistant Professor, Mechanical Engineering, UOB. PhD in Industrial Engineering, specializes in Operations Research, Quality Management, and Engineering Economy.



Dr. Venu Parameswaranpillai

Assistant Professor, Mechanical Engineering, UOB. Researches Industry 4.0 technologies like AI, IoT, and cloud computing for manufacturing integration.



Micro-credential is a short, focused course designed to equip learners with specific skills and knowledge within a specialized area. It serves as a pathway to earning an equivalent certification for a core course, offering a flexible and targeted learning experience.

COURSE OVERVIEW

The Six Sigma Quality Micro-Credential course teaches professionals to improve quality, reduce defects, and optimize processes using the DMAIC framework, Lean principles, and case studies from key industries like oil and gas. Tailored for the Middle East, it emphasizes sustainable practices and global competitiveness.

DELIVERY MODE

80 hours over the course span blends in:

- In-person Delivery (24 hours)
- Blended Content Delivery (16 hours)
- Case Study (15 hours)
- Guided Project Work (25 hours)

ASSESSMENTS

- Assignment (10%)
- Case Studies (30%)
- Guided Project (60%)

TARGET AUDIENCE

- Introduction to Six Sigma.
- Six Sigma Fundamentals (DMAIC Framework)
- Tools and Techniques for Quality Improvement
- Data Analysis and Decision-Making
- Lean Six Sigma Integration
- Sustaining Improvements

KEY TOPICS COVERED

- Quality managers and engineers in Bahrain's industries.
- Professionals in oil and gas, manufacturing, and construction sectors.
- Project managers and team leaders in local organizations.
- Public sector employees in healthcare, utilities, and education.
- Entrepreneurs and SME owners in Bahrain.
- Mid-level professionals seeking career growth.
- Entry-level professionals and recent graduates.



Scan the code
for Registration

For further Information, please contact:

Mr. Mohammed Al-Hooti

Tel: +973-33777339

Email: malhooti@uob.edu.bh

<https://microcredentials.uob.edu.bh/>