



University of Bahrain MICRO-CREDENTIAL



PROCESS CONTROL IN MEDICAL LABORATORIES

GENERAL INFORMATION

Duration: 4 Weeks

Total Hours: 40 hours online

Fees: 80 BHD

Credits: 1 credit (BSc in MLS)

Level: Undergraduate

Language: English

Pre-requisite: Knowledge of diagnostic testing

INSTRUCTOR BIOGRAPHY



Ms. Aqeela Abuidrees

Teaching and Research Assistant in Medical Laboratory Sciences, specializes in forensic genetics, DNA profiling, and biotechnology. She holds an MSc in DNA Profiling (UK), a BSc in Biotechnology (Jordan), and is a certified 9001/2015 lead auditor.



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 "Process Control in Medical Laboratories" micro-credential is a 1-credit hour online course focused on statistical quality control (SQC) methods like Levey-Jennings charts and Westgard Rules. Learners will develop skills in error detection, Quality Control Plans (QCPs), and compliance with ISO 15189, enhancing employability and career advancement in laboratory management.

DELIVERY MODE

- Fully Online: Accessible anytime, anywhere.
- Live Sessions: Weekly 2-hour classes on Teams.
- Self-Paced: Tutorials, readings, and quizzes on BB.
- Independent Study: Flexible exercises and assignments.

ASSESSMENTS

- Weekly Quizzes (30%): End-of-module assessments.
- Capstone Project (40%): Group QCP/IQCP creation.
- Exit Exam (30%): Comprehensive final test.

TARGET AUDIENCE

- MLS Students
- Alumni
- Medical Laboratory Scientists and Technologists
- Quality Assurance and Quality Control Personnel in Clinical Labs
- Laboratory Supervisors and Managers
- Recent Graduates in Medical Laboratory Science or related fields looking to enhance their employability
- Professionals preparing for certification exams
- Individuals seeking career advancement in the healthcare and diagnostics industry

KEY TOPICS COVERED

- Medical laboratory Sciences
- Chemistry
- Biomedical sciences.



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For further Information, please contact:

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