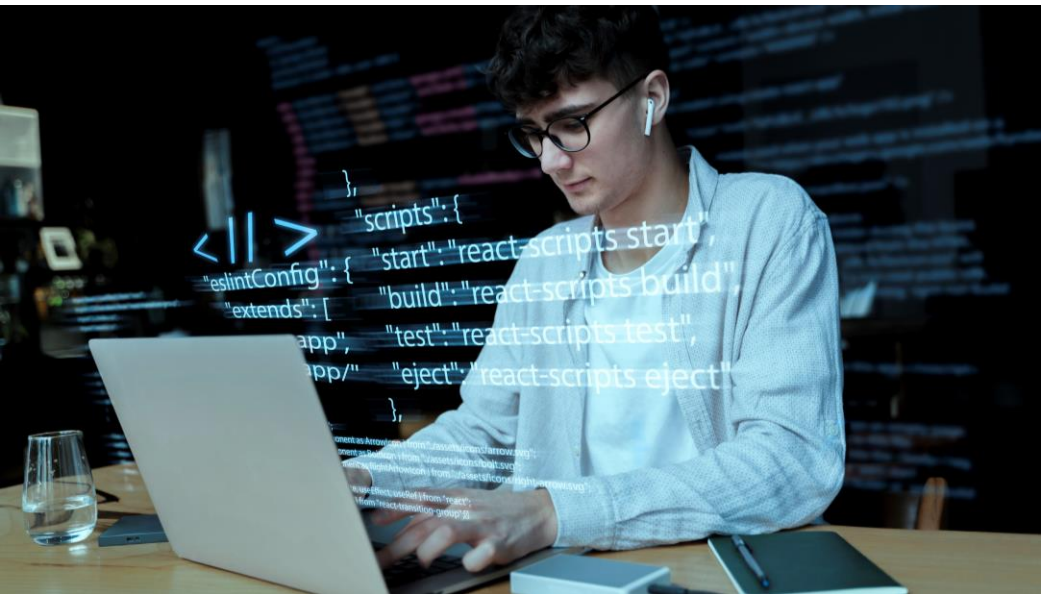




University of Bahrain MICRO-CREDENTIAL



Introduction to Python Programming

GENERAL INFORMATION

Duration: 5 Weeks

Total Hours: 40 hours (30 contact hours and 10 non-contact hours)

Venue: University of Bahrain

Fees: 380 BHD

Level: Undergraduate

Language: English

Pre-requisite: None

INSTRUCTOR BIOGRAPHY



Dr. Abdulla Jaffar Eid

Dr. Abdulla Eid, Associate Professor of Mathematics since 2024, earned his PhD from the University of Illinois in 2013. His research focuses on Algebraic Geometry, Number Theory, and their applications. He has published in networking and distributed systems and received the International Fulbright. Before joining the University of Bahrain, he taught at Qatar University and Bahrain Teachers' College.



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

This course covers fundamental programming concepts like data structures, networked applications, APIs, and databases using Python. It's designed for beginners, those needing a refresher, or anyone seeking a deeper understanding of Python. In the Capstone Project, you'll apply these skills to create your own applications for data retrieval, processing, and visualization.

DELIVERY MODE

Face to Face (50%) in The University of Bahrain, College of Science Building in room S41-1002 and Remotely (50%)

ASSESSMENTS

Assignments: 40%
Capstone Project: 60%

TARGET AUDIENCE

Current students, adult learners, and anyone interested in programming.

KEY TOPICS COVERED

- Introduction to Python
- Variables, Statements, and Expressions
- Python Modules and Python Turtle
- Sequences and Iteration
- Conditionals and Files
- Functions and Classes



Scan the code
for Registration

For further Information, please contact:

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