

National Certificate: Information Technology: Systems Development



A qualifying student at this level will be a well-rounded entry-level Systems Developer with a strong fundamental knowledge of the Information Technology field, coupled with interpersonal and business skills, in preparation for later specialization in the software development field. The qualification builds on knowledge areas covered in National Certificates and Short Learning Programmes at NQF level 2 to 4, and it facilitates entry into the Systems Development field.

Campus delivering the Qualification:

386/408 West Street, Durban

Minimum Entry Requirements: None

Delivery Mode: Contact and Distance

Language Policy: English

Duration: Full-Time: 12 months or Part-Time: 15 months

Offered Online/Remote Learning: Yes

Blended (Remote and Contact): Yes

NQF Level: 4

SAQA ID# 78965

Credits: 165

Accrediting ETQA: MICT SETA

Delivery Days:

Full Time: Monday – Friday (8:30am -12:00pm & 12:00pm – 3:30 pm)

Part-Time: Only on Saturday (8:30am -12:30pm)



Course Outline:

Module 1: Introduction into Information Technology & Systems Development

Module 2: Software Engineering – Object-Oriented Programming

Module 3: Web Development using HTML, CSS and Java Scripting

Module 4: Number Systems, Debugging and Data Modelling

Module 5: Desktop Application Development (High Level Programming Language VB.Net / C#)

Module 6: Understanding Databases

Module 7: Language and Communication Skills

Module 8: Business Numeracy



This qualification is aligned internationally with Microsoft's MTA: Software Development Fundamentals Certification programme: Course 40361-A: Software Development Fundamentals: MTA Exam 98-361
Microsoft Course Outline: <https://docs.microsoft.com/en-us/learn/certifications/courses/40361>