

# 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 for Higher Education programmes.

**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

**Delivery Days:**

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

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

**Offered Online/Remote Learning:** Yes

**Blended (Remote and Contact):** Yes

**NQF Level:** 5

**SAQA ID#** 78965/48872

**Credits:** 131

**Accrediting ETQA:** MICT SETA



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## Course Outline:

**Module 1:** Introduction into Information Technology

**Module 2:** Fundamentals of Software Engineering

**Module 3:** Web Development using HTML and CSS

**Module 4:** Software Development I – (Python)

**Module 5:** Application Development using C# - Intermediate

**Module 5:** Application Development using C# - Advanced

**Module 6:** Developing and Implementing Database Management Systems - SQL

**Module 7:** Language and Communication Skills

**Module 8:** Business Numeracy



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This qualification is aligned internationally with Microsoft's MTA: Software Development Fundamentals Certification programme: Course 40361-A: Software Development Fundamentals: MTA Exam 98-361