QUALIFICATION TITLE:	2. **National Certificate: Information Technology:** **System Development**
NQF Level:	5
DURATION	1 Year
PURPOSE	The purpose of this qualification is to enhance readiness and provide entry into the areas of Systems Development at NQF level 5. It prepares learners for entry into the workplace or as undergraduate study in the Systems Development areas covered, providing them with the necessary knowledge needed for further study in the fields of Information Technology and Computer Sciences at Higher Education level. A qualifying learner will be able to communicate effectively with fellow IT staff & users of information technology, understanding the role of technology in a business context and to be able to address business problems with appropriate information technology solutions. Learners will be able to apply the principles of creating computer software by carrying out, under limited supervision, a task of reasonable size to demonstrate an understanding of the knowledge, techniques & skills needed in one or more area of majoring/specialisations that the qualification offers. The qualification is designed to: • Provide qualified learners with an undergraduate entry into the fields of Information Communication Technology (ICT) and Computer Sciences, specializing in the Systems Development area • Prepare qualified learners for initial employment into the ICT and related industries. Qualified learners will have a solid understanding of computer industry concepts and to able to work in areas of Systems Development with intermediate technical complexity. • Allow the credits achieved in National Certificates relating to Information Technology at NQF level 4 be used as prior learning for this qualification, where applicable. • Allow people with workplace experience in the Systems Development areas covered, to request assessments and get recognition for prior learning. • Allow the qualification to be acquired in the traditional way of formal study as well as in the workplace, through Learnership Schemes or Recognition of Prior Learning (RPL). • Assist with professionalization across the Information Technology Sector. It has intended to allow qualified learners to gain membership of registered professional bodies in the ICT industry.
CAREER PATH	• System Developer • Computer Programmer • Junior System Administrator • Software Developer • Data center administrator • Project planner

MODULE OUTCOME	A learner will be able to: • Be able to conversant with the concept of Database design and Computer programming • Communicate effectively with fellow IT staff and users of information systems. • Demonstrate an understanding of different types of computer systems and the use of computer technology in business. • Demonstrate an understanding of problem-solving techniques and how to apply them in a technical environment. • Demonstrate an understanding of computer programming principles. • Work effectively as a team member within a project development environment. • Carry out, under supervision, a small task to demonstrate an understanding of the knowledge, techniques and skills needed to understand the fundamentals of computer programming.
Entry Requirements for the Programmes:	NQF LEVEL 4 NATIONAL CERTIFICATE - SYSTEM DEVELOPMENT OR Matric pass with Math's and English