



Further Education and Training Certificate: Information Technology: Systems Development

NQF LEVEL 4 SAQA ID: 78965

Credits: 165

GENERAL INFORMATION

DELIVERY

- Instructor led
- Delivery can be full-time or part time (modular) around the availability of learners /employees.

TRAINING DURATION

- 1 year on quarterly basis

INTAKE

- Quarterly

ADMISSION REQUIREMENTS

- Foundational skills in English and Mathematics at NQF level 4/Grade 12 or equivalent
- Ability to use a personal computer competently
- Competence in the unit standard, "Participate in formal meetings", NQF Level 2 (ID 14911), as completed in this learning programme

EXIT LEVEL OUTCOMES

On completion of the is qualification learners are able to:

- Communicate effectively with fellow IT staff & 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

ABOUT US

Ginini Consulting (Pty) Ltd is accredited by MICT SETA for this qualification with Accreditation number ACC/2018/07/0027.

PURPOSE OF THE QUALIFICATION

The Further Education and Training Certificate in Information Technology: Systems Development level 4 is designed as an entry-level qualification in the software development field. This programme will equip learners with competency to develop and maintain software applications in most IT environments as a junior programmer. Learners will also be equipped with interpersonal and business skills.

A qualifying learner at this level will be a well-rounded entry-level Systems Developer with a good fundamental knowledge of the Information Technology field, coupled with interpersonal and business skills preparing for later specialisation in Systems Development fields.

Accreditation and Certification

Ginini Consulting (Pty) Ltd is accredited by MICT SETA for these Unit Standards with Accreditation number ACC/2018/07/0027.

Learners who are declared COMPETENT on unit standards after external moderation by the MICT SETA will receive a SETA issued Statement of Results and Ginini Consulting Certificate of Competence endorsed by MICT SETA.



- Demonstrate an understanding of Computer Technology Principles.
- Demonstrate an understanding of Computer Programming Principles.
- Work effectively as a team member within a development project environment.
- Carry out, under supervision, a small size task to demonstrate an understanding of the knowledge, techniques & skills needed to understand the fundamentals of Computer Programming.

CAREER OPPORTUNITIES

- Junior Computer System Developer
- Junior Computer Programmer
- Junior Computer System Analyst

PRICE

- R38 000 (Vat Inc)
- Registration fee R1500 (once off)
- Deposit R7000
- Instalment (over 10 months) R3100
- Reassessment R350



Further Education and Training Certificate: Information Technology: Systems Development

NQF LEVEL 4 SAQA ID: 78965

Credits: 165

QUALIFICATION OVERVIEW

MODULES	ID	UNIT STANDARD TITLE	NQF LEVEL	CREDITS
Core	14918	Describe the principles of Computer Programming	NQF Level 03	5
Core	14913	Explain the principles of computer networks	NQF Level 03	5
Core	14927	Apply problem solving strategies	NQF Level 04	4
Core	14910	Apply the principles of Computer Programming	NQF Level 04	8
Core	14933	Demonstrate an understanding of creating multimedia/web-based computer applications with scripting	NQF Level 04	6
Core	14924	Demonstrate an understanding of information systems analysis	NQF Level 04	3
Core	14930	Demonstrate an understanding of the principles of developing software for the internet	NQF Level 04	3
Core	14909	Describe the difference between programming in Object Orientated and Procedural Languages	NQF Level 04	4
Core	14915	Design a computer program according to given specifications	NQF Level 04	8
Core	14917	Explain computer architecture concepts	NQF Level 04	7
Core	14944	Explain how data is stored on computers	NQF Level 04	7
Core	14920	Participate in groups and/or teams to recommend solutions to problems	NQF Level 04	3
Fundamental	119472	Accommodate audience and context needs in oral/signed communication	NQF Level 03	5
Fundamental	119458	Analyse and respond to a variety of literary texts	NQF Level 03	5
Fundamental	119457	Interpret and use information from texts	NQF Level 03	5
Fundamental	119465	Write/present/sign texts for a range of communicative contexts	NQF Level 03	5
Fundamental	12154	Apply comprehension skills to engage oral texts in a business environment	NQF Level 04	5
Fundamental	9015	Apply knowledge of statistics and probability to critically interrogate and effectively communicate findings on life related problems	NQF Level 04	6
Fundamental	119462	Engage in sustained oral/signed communication and evaluate spoken/signed texts	NQF Level 04	5
Fundamental	119469	Read/view, analyse and respond to a variety of texts	NQF Level 04	5
Fundamental	9016	Represent analyse and calculate shape and motion in 2-and 3-dimensional space in different contexts	NQF Level 04	4
Fundamental	7468	Use mathematics to investigate and monitor the financial aspects of personal, business, national and international issues	NQF Level 04	6
Fundamental	119459	Write/present/sign for a wide range of contexts	NQF Level 04	5
Elective	114636	Demonstrate an understanding of preventative maintenance, environmental and safety issues in a computer environment	NQF Level 03	6
Elective	10313	Comply with service levels as set out in a Contact Centre Operation	NQF Level 04	10
Elective	14908	Demonstrate an understanding of testing IT systems against given specifications	NQF Level 04	6
Elective	14926	Describe information systems departments in business organisations	NQF Level 04	3
Elective	14921	Describe the types of computer systems and associated hardware configurations	NQF Level 04	6
Elective	252210	Handle a range of customer complaints	NQF Level 04	4
Elective	118028	Supervise customer service standards	NQF Level 04	8
Elective	120379	Work as a project team member	NQF Level 04	8