



Kenya Christian Industrial Training Institute

This document is to confirm that

Stephen Syalo Mutie

Has successfully completed all the prerequisite course work and has satisfied the examiners in Information Technology and is awarded this diploma in

Network Administration

Bunetti S.
BOG

A. Syalo
Principal

12th April, 2006

A. Syalo

Department of Information Technology
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10 FEB 2023

KCITI
P. O. Box 71083, NAIROBI



KENYA CHRISTIAN INDUSTRIAL TRAINING INSTITUTE
EASTLEIGH SECTION II, 5TH STREET P.O. BOX 71083-00622,
NAIROBI TELEPHONE 6766805, 6763122, 6763571 & 0733-637766
NETWORK ADMINISTRATION TRANSCRIPT

STUDENT'S NAME: **STEPHEN KYALO MUTIE**

ID NO: **05JC135**

COURSE: Diploma in Network Administration


ACADEMIC YEARS: FROM: Jan-05 TO: Apr-06

TERM	SUBJECT/CLASS	EXAMINATIONS		DURATION
		Marks	Grade	
1	FIRST LEVEL ELECTRONICS Safety precautions, electromotive force and potential difference, Resistance of a Conductor, electricity and magnetism, Resistors, Capacitors, Inductors, Filters, Resonance, Alternating current, Transformers, Semiconductors, Diodes, Bipolar Transistors.	95%	A	16 weeks 160 Hours
2	SECOND LEVEL ELECTRONICS Other types of Transistors, amplifiers, Operational Amplifiers, Integrated Circuits, Oscillators CRO, Silicon Controlled Rectifiers (SCR), Advanced power supplies, Numbering systems, Logic gates.	90%	A	16 weeks 160 Hours
3	Communication Theory of communication, Principles of Communication, Syntax and semantics, Summary, Business correspondence, Meetings, Reports, Oral and visual communication.	93%	A	16 weeks 160 Hours
4	INTRODUCTION TO MICROCOMPUTERS Professional Typing Skills (Pass: 25 WPM, 80% Accuracy), MS-DOS, Introduction to Computers and Data Communications. DATA PROCESSING, SPREADSHEETS AND DATABASE Microsoft Word: Intro to word Processing, Formatting, Editing, Mail Merge, Sorting, Macros, Footers and Headers, Printing and Saving. Microsoft Excel: introduction, Spreadsheets, Values, Labels, Cell addresses, Logical and Mathematical Functions, Ranges, Graphs, Macros. Microsoft Access: Introduction, Creating Databases, Search, Index, sort, Forms and labels, File Handling, Reports and Queries. Microsoft PowerPoint: Introduction to Ms. PowerPoint. Viewing and working on a slide, Inserting, Deleting, Rearranging and Copying slides, Entering and formatting text.	Avg: 95% 78% 90% 98% 98% N/A	A	16 weeks 160 Hours
5	SYSTEMS MAINTENANCE PC System Unit Assembly: Motherboard, CPU, RAM, ROM, IDE, Floppy, ISA & PCI buses, Adapter Cards, Keyboard, mouse, connectors, attaching the Monitor. Advanced Devices: UPS Modems, Printers, Scanners and Multimedia, Partitioning and Formatting. Installation & Configuration of operating system: Windows 98, Windows NT and UNIX. An overview of Windows NT and UNIX Operating Systems. Setting of the IO Addresses, IRQ, DMA of Cards and installing device drivers and configuration files. Installing/Removing Packages and hookup. Basic Troubleshooting: Diagnosing software and hardware related problems. Basic Maintenance: Physical Maintenance and Software Maintenance.	90%	A	16 weeks 160 Hours
6	DIGITAL FUNDAMENTALS Numbering systems, Binary Addition and Subtraction using 1s and 2s Complements, adders, ICs Specifications, Mos, Technology, Cmos Circuits, Three state logic circuits, Multivibrators, Flip-flops, Logic Gates, Basic statements of logic gates, Buffers, Boolean Algebra; Clock and Trigger Circuits, Binary counters, Registers, A.L.U. architecture, Encoders, Decoders, Comparators, Analog to Digital Converters, Digital to analog converters, multiplexers, Demultiplexers, Error detectors, Parity Generators and their appellations, RAMs, ROMs, Memory Cell Structures, Increasing memory word length and size, Opto-electronics and Digital systems troubleshooting tools & techniques	83%	B	16 weeks 160 hours

Key: A=90-100% B=80-89% C=70-79% D=60-69% E=below 60% N/A= Not Applicable


Onesmus Kioko Acting Dean

KCITI
P.O. BOX 71083
NAIROBI-KENYA
212 April 2006


Mr. Berkeley Hackett, Principal KCITI

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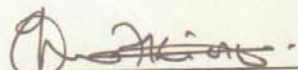
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7	COMPUTER NETWORKING 1 Windows 2000 server and Windows 98: Introduction, Protocols and standards, Software installation, Hardware Installation, Hardware configuration, Drive Mappings, Creating Users and Groups, Directories and Files, Windows Utilities, Printing, E-mail, Chatting, Logging on.	85%	B	16 weeks 160 Hours
8	ENGINEERING MATHS I Number systems, Indices, Algebra, Geometry, and Graphs.	92%	A	16 weeks 160 Hours
9	ENGINEERING MATHS II Logarithms, Statistics, Calculus and Trigonometry.	95%	A	16 weeks 160 Hours
10	COMPUTER NETWORKING 2 Unix (Linux Red hat option 7.2) Introduction, Basic Commands, Installation, Booting and shutdown, Users and Group accounts, Security, File Systems, TCP/IP Configuration, Printing, Mail, ftp and Telnet, Server Modules and Troubleshooting.	79%	B	16 weeks 160 Hours
11	Network Administration Project	82%	B	16 weeks 160 weeks
BIBLE STUDIES PROGRAM				
12	Foundations of Faith	97%	A	16 weeks
13	New Testament Survey	97%	A	16 weeks
14	Prison Epistles	87%	B	16 weeks
15	Quantitative Methods	85%	B	16 weeks
16	Principles of Management	99%	A	16 weeks

Key: A=90-100% B=80-89% C=70-79% D=60-69% F=below 60% N/A= Not Applicable


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