KENYA METHODIST UNIVERSITY
DEPARTMENTS OF INFORMATION TECHNOLOGY AND COMPUTER SCIENCE
NAIROBI CAMPUS PART TIME

COURSES ON OFFER 1ST TRIMESTER 2025

Master of Science in Computer Information Systems		
Cohort	**Course Code**	**Course Title**
First Year Trimester 1	MISG 610	Object Oriented Systems Analysis and Design
Enrolled Trim-1-2025	MISG 611	Research Methods
	NTWG 610	Cloud Computing
	ISEC 610	Information Systems Ethics and Security
First Year Trimester 2	MISG 610	Object Oriented Systems Analysis and Design
Enrolled Trim-3-2024	MISG 611	Research Methods
	NTWG 610	Cloud Computing
	ISEC 610	Information Systems Ethics and Security
	Specialization I: Information Systems Management	
	MMIS 630	Business Intelligence
First Year Trimester 3	MMIS 620	Enterprise Resource Planning (ERP)
Enrolled Trim-2-2024	MMIS 632	Technology Management and Innovation
	MISG 612	Global IS Sourcing and BPO
	Specialization II: Networking	
	NTWG 630	Network Design and Management
	NTWG 631	Distributed Systems Architecture and Design
	NTWG 632	Wireless Communication Technologies
	NTWG 633	Networking Protocols and Design
Second Year Trimester 1		
Enrolled Trim-1-2024	MCSR 650	Research Thesis
	MISG 640	IS Seminar
Bachelor of Science in Computer Information Systems		
Cohort	**Course Code**	**Course Title**
First Year Trimester 1	THEO 111	Christian Beliefs
Enrolled Trim-1-2025	CISY 101	Introduction to Computer Systems

Without Credit Exemption	ENVI 201	Environmental Science
	BUSS 114	Entrepreneurship
	COMM 111	Communication Skills
	HSCI 225	HIV/AIDS
First Year Trimester 1	THEO 111	Christian Beliefs
Enrolled Trim-1-2025	CISY 111	Structured Programming
With Credit Exemption	CISY 212	Data Structures and Algorithms
	HSCI 225	HIV/AIDS
	ENVI 201	Environmental Science
	SOST 131	Introduction to Sociology
First Year Trimester 2	CISY 110	Introduction to Programming
Enrolled Trim-3-2024 Without Credit Exemption	CISY 210	Object Oriented Programming
	MATH 102	Foundation of Mathematics
	CISY 111	Structured Programming
	Sost 131	Introduction to Sociology
First Year Trimester 2	Math 103	Calculus I
Enrolled Trim-3-2024 With Credit Exemption	CISY 210	Object Oriented Programming
	CISY 231	Telecommunication Networks I
	ENVI 201	Environment Science
	MATH 211	Discrete Structure
	Math 230	Probability and Statistics II
Second Year Trimester 1	PHYS 310	Electrical Circuits
Enrolled Trim-2-2024 Without Credit Exemption	MATH 230	Probability and Statics II
	CISY 300	Computer Operating Systems I
	CISY 310	Advanced Programming
	Math 211	Discrete Structures
	CISY 221	Database Systems
	CISY 222	Systems Analysis and Design
Second Year Trimester 1	Math 230	Probability and statistics II
Enrolled Trim-2-2024 With Credit Exemption	MATH 103	Calculus I
	CISY 231	Telecommunication Network I
	PHYS 310	Electrical Circuits

	CISY 310	Advanced Programming
	CISY 331	Network Administration I
Second Year Trimester 2	CISY 212	Data Structures and Algorithms
Enrolled Trim-1-2024 Without Credit Exemption	CISY 303	Computer Hardware and Maintenance
	HSCI 225	HIV/AIDS
	BUSS 114	Entrepreneurship
	BBIT 314	Human Computer Interaction
	CISY 302	Research Methodology
Second Year Trimester 2	CISY 212	Data Structures and Algorithms
Enrolled Trim-1-2024 With Credit Exemption	CISY 311	Internet Applications and Programming
	CISY 332	Network Hardware and Configuration
	CISY 403	Simulation and Modeling
	BUSS 420	Strategic Management
	CISY 333	Wireless Communications
Third Year Trimester 1	CISY 212	Data Structures and Algorithms
Enrolled Trim-3-2023 Without Credit Exemption	CISY 303	Computer Hardware and Maintenance
	CISY 311	Internet Applications and Programming
	CISY 403	Simulation and Modeling
	CISY 332	Network Hardware and Configuration
	CISY 333	Wireless Communications
Third Year Trimester 1	CISY 401	Research Project
Enrolled Trim-3-2023 With Credit Exemption	BUSS 420	Strategic Management
	CISY 332	Network Hardware and Configuration
	CISY 400	Industrial Attachment
	CISY 403	Simulation and Modeling
	CISY 333	Wireless Communications
Third Year Trimester 2	CISY 212	Data Structures and Algorithms
Enrolled Trim-2-2023 Without Credit Exemption	CISY 403	Simulation and Modeling
	HSCI 225	HIV/AIDS
	CISY 401	Research Proposal
	CISY 403	Simulation and Modeling

	CISY 332	Network Hardware and Configuration
Third Year Trimester 2	CISY 310	Advanced Programming
Enrolled Trim-2-2023 With Credit Exemption	CISY 400	Industrial Attachment
	CISY 403	Simulation and Modeling
	CISY 333	Wireless Communications
	CISY 204	Digital Electronics
	MATH 330	Operations Research for Computer Scientists
Fourth Year Trimester 1	CISY 432	Distributed Systems
Enrolled Trim-1-2023 Without Credit Exemption	MATH 330	Operations Research for Computer Scientists
	CISY 400	Industrial Attachment
	CISY 333	Wireless Communications
	MATH 211	Discrete Structures
	CISY 403	Simulation and Modeling
Fourth Year Trimester 1	BUSS 420	Strategic Management
Enrolled Trim-1-2023 With Credit Exemption	MATH 230	Probability and Statistics II
	CISY 310	Advanced Programming
	CISY 431	Information Systems Security
	CISY 404	ICT Project Management
	CISY 423	Advanced Database Systems
	CISY 401	Research Project
Fourth Year Trimester 2	CISY 428	E-Commerce
Enrolled Trim-3-2022 Without Credit Exemption	BUSS 420	Strategic Management
	CISY 204	Digital Electronics
	CISY 321	Software Engineering Principles
	CISY 422	Introduction to Artificial Intelligence
	CISY 432	Distributed Systems
	CISY 433	Cryptography and Network Security

Bachelor of Business Information Technology

Cohort	Course Code	Course Title
First Year Trimester 1	COMM 111	Communication Skills
Enrolled Trim-1-2025 Without Credit Exemption	BBIT 111	Introduction to Business Information Systems

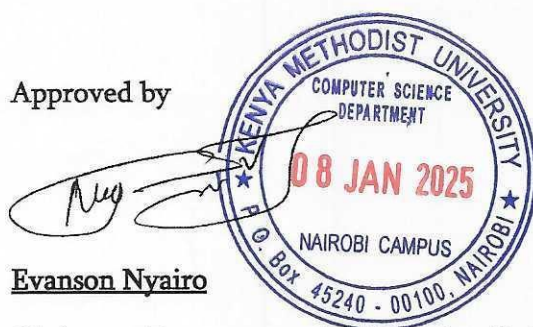|	ECON 101	Principles of Microeconomics
	BUSS 100	Principles of Management
	THEO 111	Christian beliefs
	HSCI 225	HIV/AIDS
First Year Trimester 1	MKTG 218	Principles of Marketing
Enrolled Trim-1-2025 With Credit Exemption	THEO 111	Christian Beliefs
	COMM 111	Communication Skills
	BBIT 213	Computer Operating Systems I
	BBIT 316	Research Methodology
	BBIT 325	Application Programming for the Internet
First Year Trimester 2	MKTG 218	Principles of Marketing
Enrolled Trim-3-2024 With Credit Exemption	THEO 111	Christian Beliefs
	COMM 111	Communication Skills
	BBIT 213	Computer Operating Systems I
	BBIT 316	Research Methodology
	BBIT 325	Application Programming for the Internet
Second Year Trimester 1	BBIT 222	Structured Programming
Enrolled Trim-2-2024 Without Credit Exemption	BBIT 231	Systems Analysis and Design
	BBIT 232	Database Systems
	BBIT 241	Introduction to Computer Networks
	ACCT 219	Cost Accounting
	BBIT 333	Introduction to Artificial Intelligence
Second Year Trimester 1	BUSS 212	Business Law I
Enrolled Trim-2-2024 With Credit Exemption	BBIT 333	Introduction to Artificial Intelligence
	BBIT-324	Data Structures and Algorithms
	BBIT 314	Human Computer Interaction
	BBIT 316	Research Methodology
	BBIT-325	Application Programming for the Internet
Second Year Trimester 2	ECON 102	Macroeconomics
Enrolled Trim-1-2024 Without Credit Exemption	BBIT 333	Introduction to Artificial Intelligence
	BBIT 314	Human Computer Interaction
	BBIT 222	Structured Programming

	BBIT 316	Research Methodology
	BBIT 325	Application Programming for the Internet
Second Year Trimester 2	BBIT 324	Data Structures and Algorithms
Enrolled Trim-1-2024 With Credit Exemption	BBIT 316	Research Methodology
	BBIT 325	Application Programming for the Internet
	BBIT 417	Simulation and Modeling
	BUSS 420	Strategic Management
Third Year Trimester 1	ACCT 219	Cost Accounting
Enrolled Trim-3-2023 Without Credit Exemption	BBIT 333	Introduction to Artificial Intelligence
	BBIT 324	Data Structures and Algorithms
	BBIT 314	Human Computer Interaction
	BBIT 316	Research Methodology
	BBIT 325	Application Programming for the Internet
Third Year Trimester 1	BUSS 326	Organizational Behavior
Enrolled Trim-3-2023 With Credit Exemption	BBIT 324	Data Structures and Algorithms
	BBIT 417	Simulation and Modeling
	BUSS 420	Strategic Management
	BBIT 444	Wireless Communications
	BBIT 446	Network Hardware and Configuration
Third Year Trimester 2	BBIT 324	Data Structures and Algorithms
Enrolled Trim-2-2023 Without Credit Exemption	BBIT 316	Research Methodology
	BBIT 325	Application Programming for the Internet
	BBIT 417	Simulation and Modeling
	BBIT 446	Network Hardware and Configuration
	BBIT 444	Wireless Communications
Third Year Trimester 2	BBIT 410	Industrial Attachment
Enrolled Trim-2-2023 With Credit Exemption	BBIT 436	E-Commerce
	BBIT 417	Simulation and Modeling
	BBIT 446	Network Hardware and Configuration
	MATH 330	Operations Research for Business
	BBIT 443	Information Systems Security and Audit
	BBIT 437	Accounting Information Systems

Fourth Year Trimester 1	BBIT 436	E-Commerce
Enrolled Trim-1-2023 Without Credit Exemption	BBIT 417	Simulation and Modeling
	ECON 102	Macroeconomics
	ACCT 219	Cost Accounting
	BBIT 324	Data Structures and Algorithms
	BBIT 410	Industrial Attachment
Fourth Year Trimester 1	BBIT 437	Accounting Information Systems
Enrolled Trim-1-2023 With Credit Exemption	FINA 213	Financial Management I
	CISY 401	Research Project
	BBIT 315	Project Management in Business
Fourth Year Trimester 2	BBIT 417	Simulation and Modeling
Enrolled Trim-3-2022 Without Credit Exemption	BUSS 420	Strategic Management
	BUSS 114	Entrepreneurship
	BBIT 437	Accounting Information Systems
	BBIT 443	Information Systems security and Audit
	BBIT 448	Distributed System
	BBIT 432	Advanced Database Systems

Notes:

Courses with a quorum of less than five shall be dropped. For those students taking their last courses but do not form a quorum, the courses shall be **GUIDED**

Approved by

Evanson Nyairo

Chairman, Department of Information Technology