

07 JAN 2026



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

**NEW PROGRAMS COURSES ON OFFER TRIMESTER 1 2026**

<b>Bachelor of Science in Cyber Security and Ethical Hacking</b>		
<b>Cohort</b>	<b>Course Code</b>	<b>Course Title</b>
	COMM 111	Communication Skills
First Year Trimester 1	BUSS 114	Entrepreneurship
Enrolled Trim 1 2026 Without Credit Exemption	THEO 111	Christian Beliefs
	MATH 102	Foundations of Mathematics
	HSCI 225	HIV/AIDS
First Year Trimester 2	BCEH 111	Introduction to Computer Systems and Security
Enrolled Trim 3 2025 Without Credit Exemption	BCEH 124	Introduction to Programming
	BCEH 126	Introduction to Cybersecurity and Digital Forensics
	BCEH 123	Differential and Integral Calculus
	BCEH 121	Operating Systems Security
	ENVI 201	Environmental Science
Second Year Trimester 1	BCEH 211	Computer Networks
Enrolled Trim 2 2025 Without Credit Exemption	BCEH 212	Computer Systems Architecture
	BCEH 213	Physics for Computing Systems and Digital Electronics
	BCEH 214	Human Psychology and Philosophy
	MATH 110	Linear Algebra
	ENVI 201	Environmental Science
Second Year Trimester 1	BCEH 221	Software Engineering
Enrolled Trim 2 2025 Without Credit Exemption	BCEH 222	Digital Forensics and Investigations

	BCEH 223	Digital Forensics Tools and Technologies
	BCEH 224	Introduction to Machine Learning
	BCEH 215	Internet of Things (IoT) Security
	MATH 211	Discrete Mathematics
Second Year Trimester 2	BCEH 215	Internet of Things (IoT) Security
Enrolled Trim 1 2025 Without Credit Exemption	MATH 211	Discrete Mathematics
	BCEH 312	Penetration Testing and Ethical Hacking
	BCEH 313	Distributed Systems
	BCEH 314	Intrusion Detection and Prevention Techniques
	BCEH 315	Systems Forensics
<b>Bachelor of Science in Data Science and Machine Learning</b>		
First Year Trimester 1		
Enrolled Trim 1 2026 Without Credit Exemption	COMM 111	Communication Skills
	BUSS 221	Entrepreneurship
	THEO 111	Christian Beliefs
	BDML 111	Computer Applications
	BDML 115	Statistics and Probability I with R
	MATH 110	Linear Algebra
First Year Trimester 2	BDML 211	Database Administration
Enrolled Trim 3 2025 Without Credit Exemption	BDML 212	Programming II (Python and R)
	MATH 104	Calculus II
	MATH 211	Discrete Mathematics
	BDML 215	Introduction to Artificial Intelligence and Machine Learning
	BDML 216	Data Science on Cloud
Second Year Trimester 1		
Enrolled Trim 2 2025 Without Credit Exemption	HSCI 225	HIV/AIDS
	BDML 222	Advanced Database Systems
	BDML 223	Python for Data Science
	BDML 224	Multivariate Calculus
	MATH 230	Statistics and Probability II with R
	BDML 225	Data Mining and Warehousing

Second Year Trimester 2		
Enrolled Trim 1 2025 Without Credit Exemption	BDML 311	Research Methods in Data Science
	BDML 313	Web Application Development I
	BDML 314	Advanced Techniques in Machine Learning
	MATH 330	Operation Research
	BDML 315	Statistical Inference for Data Science
	BDML 316	Deep Learning and Computer Vision
<b>Bachelor of Science in Artificial Intelligence and Robotics</b>		
First Year Trimester 1	THEO 111	Christian Beliefs
Enrolled Trim 1 2026 Without Credit Exemption	SOST 131	Introduction to Sociology
	AIRS 101	Introduction to Computer Science
	AIRS 102	Introduction to Artificial Intelligence
	AIRS 103	Introduction to Programming in Python
	COMM 111	Communication Skills
First Year Trimester 1		
Enrolled Trim 3 2025 Without Credit Exemption	HSCI 225	HIV/AIDS
	ELEC 104	Analog Electronics
	AIRS 105	Introduction to Robotics
	AIRS 106	Introduction to Ethics in AI
	AIRS 210	Object Oriented Programming
	MATH 103	Calculus I
<b>Bachelor of Science in Artificial Intelligence and Robotics</b>		
First Year Trimester 2	HSCI 225	HIV/AIDS
Enrolled Trim 3 2025 With Credit Exemption	BUSS 221	Fundamentals of Entrepreneurship
	AIRS 201	Machine Learning I
	AIRS 212	Data Structures and Algorithms
	ELEC 204	Digital Electronics
	MATH 103	Calculus I



<b>Bachelor of Science in Software Engineering and Mobile Applications</b>		
First Year Trimester 1	THEO 111	Christian Beliefs
Enrolled Trim 1 2026 Without Credit Exemption	SOST 131	Introduction to Sociology
	SEMA 101	Introduction to Computer Systems
	SEMA 102	Fundamentals of Internet and Web Design
	SEMA 103	Introduction to Python Programming
	MATH 102	Foundation of Mathematics
<b>Bachelor of Science in Software Engineering and Mobile Applications</b>		
First Year Trimester 2	SEMA 105	Fundamentals of Software Engineering
Enrolled Trim 3 2025 With Credit Exemption	SEMA 116	Fundamentals of Mobile Development
	SEMA 111	Structured Programming in Python
	MATH 103	Calculus I
	HSCI 225	HIV/AIDS
	SEMA 203	Software Engineering Ethics
<b>Bachelor of Science in Computer Science</b>	COSC 101	Introduction to Computer Science
First Year Trimester 1	COSC 110	Introduction to Programming
Enrolled Trim 1 2026 Without Credit Exemption	MATH 102	Foundation of Mathematics
	COSC 104	Fundamentals of Internet and Web Design
	SOST 131	Introduction to Sociology
	THEO 111	Christian Beliefs
<b>Bachelor of Science in Computer Science</b>	COSC 201	Computer Systems and Architecture
First Year Trimester 2	COSC 210	Object Oriented Programming
Enrolled Trim 3 2025 Without Credit Exemption	COSC 212	Data Structures and Algorithms
	COSC 221	Database Systems
	COSC 222	Systems Analysis and Design
	HSCI 225	HIV/AIDS
<b>Bachelor of Science in Computer Science</b>		
Second Year Trimester 1	COSC 102	Ethics in Technology

<b>Bachelor of Science in Software Engineering and Mobile Applications</b>		
First Year Trimester 1	THEO 111	Christian Beliefs
Enrolled Trim 1 2026 Without Credit Exemption	SOST 131	Introduction to Sociology
	SEMA 101	Introduction to Computer Systems
	SEMA 102	Fundamentals of Internet and Web Design
	SEMA 103	Introduction to Python Programming
	MATH 102	Foundation of Mathematics
<b>Bachelor of Science in Software Engineering and Mobile Applications</b>		
First Year Trimester 2	SEMA 105	Fundamentals of Software Engineering
Enrolled Trim 3 2025 With Credit Exemption	SEMA 116	Fundamentals of Mobile Development
	SEMA 111	Structured Programming in Python
	MATH 103	Calculus I
	HSCI 225	HIV/AIDS
	SEMA 203	Software Engineering Ethics
<b>Bachelor of Science in Computer Science</b>		
First Year Trimester 1	COSC 101	Introduction to Computer Science
Enrolled Trim 1 2026 Without Credit Exemption	COSC 110	Introduction to Programming
	MATH 102	Foundation of Mathematics
	COSC 104	Fundamentals of Internet and Web Design
	SOST 131	Introduction to Sociology
	THEO 111	Christian Beliefs
<b>Bachelor of Science in Computer Science</b>		
First Year Trimester 2	COSC 201	Computer Systems and Architecture
Enrolled Trim 3 2025 Without Credit Exemption	COSC 210	Object Oriented Programming
	COSC 212	Data Structures and Algorithms
	COSC 221	Database Systems
	COSC 222	Systems Analysis and Design
	HSCI 225	HIV/AIDS
<b>Bachelor of Science in Computer Science</b>		
Second Year Trimester 1	COSC 102	Ethics in Technology



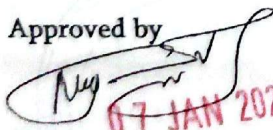
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Enrolled Trim 2 2025 Without Credit Exemption	COSC 111	Structured Programming
	COSC 131	Introduction to Computer Networks
	MATH 103	Calculus I
	COSC 210	Object Oriented Programming
	COSC 212	Data Structures and Algorithms
<b>Bachelor of Science in Computer Science</b>		
Second Year Trimester 2	COSC 201	Computer Systems and Architecture
Enrolled Trim 2 2025 Without Credit Exemption	COSC 210	Object Oriented Programming
	COSC 212	Data Structures and Algorithms
	COSC 221	Database Systems
	COSC 222	Systems Analysis and Design
	HSCI 225	HIV/AIDS
<b>Bachelor of Science in Computer Science</b>	COSC 231	Telecommunication Networks
Second Year Trimester 2	COSC 300	Computer Operating Systems
Enrolled Trim 2 2025 Without Credit Exemption	COSC 302	Research Methodology
	COSC 303	Computer Hardware and Maintenance
	COSC 310	Advanced Programming
	COSC 311	Advanced Web Development

**Notes:**

Courses with a quorum of less than five shall be dropped.

Approved by

  
07 JAN 2026  
Evanson Nyairo

Chairman, Department of Information Technology

