

DEPARTMENT OF COMPUTER SCIENCE – NAIROBI CAMPUS
COURSES ON OFFER – TRIM II 2024
COHORT BASED

Master of Science in Computer Information Systems				
Cohort/Year	Course Code	Course Title	Full Time Mode of study	Part Time Mode of study
First Year Trimester 1 (Enrolled Trim-2-2024)	MISG 610	Object Oriented Systems Analysis and Design	N/A	✓
	MISG 611	Research Methods	N/A	✓
	NTWG 610	Cloud Computing	N/A	✓
	ISEC 610	Information Systems Ethics and Security	N/A	✓
First Year Trimester 2 (Enrolled Trim-1-2024)	MISG 610	Object Oriented Systems Analysis and Design	N/A	✓
	MISG 611	Research Methods	N/A	✓
	NTWG 610	Cloud Computing	N/A	✓
	ISEC 610	Information Systems Ethics and Security	N/A	✓
Second Year Trimester 1 (Enrolled Trim-3-2023)	ISEC 630	Information Systems Security Audit	N/A	✓
	ISEC 631	Computer Security and Data Protection	N/A	✓
	ISEC 632	Digital Forensics	N/A	✓
	ISEC 633	Information Systems Security Governance	N/A	✓
	MISG 640	IS Seminar	N/A	✓
Second Year Trimester 2 (Enrolled Trim-2-2023)	MCSR 650	Research Thesis	N/A	✓
Bachelor of Science in Computer Information Systems				
First Year Trimester 1 Enrolled Trim-2-2024 Without CE	THEO 111	Christian Beliefs	N/A	✓
	SOST 131	Introduction to Sociology	✓	N/A
	CISY 101	Introduction to Computer Systems	✓	✓
	ENVI 201	Environmental Science	✓	✓
	MATH 102	Foundation of Mathematics	✓	✓
	BUSS 221	Entrepreneurship	✓	✓
	HSCI 225	HIV/AIDS	N/A	N/A
	COMM 111	Communication Skills	✓	✓
	THEO 111	Christian Beliefs	✓	✓

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First Year Trimester 1 Enrolled Trim-2-2024 With CE	SOST 131	Introduction to Sociology	√	N/A
	CISY 111	Structured Programming	√	√
	MATH 110	Calculus I	√	√
	HSCI 225	HIV/AIDS	√	√
	ENVI 201	Environmental Science	√	√
	CISY 300	Computer Operating Systems 1	N/A	√
First Year Trimester 2 Enrolled Trim-1-2024 Without CE	THEO 111	Christian Beliefs	√	N/A
	CISY 110	Introduction to Programming	√	√
	MATH 110	Linear Algebra I	√	√
	COMM 111	Communication Skills	√	√
	CISY 104	Analog Electronics	√	√
	MATH 132	Probability and Statistics I	√	√
	HSCI 225	HIV/AIDS	N/A	√
First Year Trimester 2 Enrolled Trim-1-2024 With CE	CISY 210	Object Oriented Programming	√	√
	CISY 231	Telecommunication Networks	√	√
	BBIT 314	Human Computer Interaction	√	√
	MATH 110	Linear Algebra	√	√
	CISY 300	Computer Operating Systems I	√	√
	CISY 302	Research Methodology	√	√
Second Year Trimester 1 Enrolled Trim-3-2023 Without CE	CISY 104	Analog Electronics	√	√
	CISY 111	Structured Programming	√	√
	MATH 132	Probability and Statistics I	√	√
	CISY 231	Telecommunication Networks	√	√
	CISY 201	Computer Organization and Architecture	√	√
	CISY 300	Computer Operating Systems I	√	√
Second Year Trimester 1 Enrolled Trim-3-2023 With CE	MATH 110	Linear Algebra I	√	N/A
	CISY 210	Object Oriented Programming	√	√
	CISY 311	Internet Applications and Programming	√	√
	CISY 321	Software Engineering Principles	√	√
	CISY 421	Management Information Systems	√	√
	CISY 431	Information Systems Security and Audit	√	√
	CISY 404	ICT Project Management	N/A	√
Second Year Trimester 2	CISY 210	Object Oriented Programming	√	√
	CISY 231	Telecommunication Networks	√	√
	CISY 201	Computer Organization and Architecture	√	√

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Enrolled Trim-2-2023 Without CE	CISY 300	Computer Operating Systems I	√	√
	CISY 302	Research Methodology	√	√
	BBIT 314	Human Computer Interaction	√	√
Second Year Trimester 2 Enrolled Trim-2-2023 With CE	CISY 300	Computer Operating Systems I	√	√
	CISY 321	Software Engineering Principles	√	√
	CISY 331	Network Administration I	√	N/A
	CISY 431	Information Systems Security and Audit	√	√
	CISY 404	ICT Project Management	√	√
	CISY 423	Advanced Database Systems	N/A	√
	CISY 411	Object Oriented Analysis and Design	√	√
Third Year Trimester 1 Enrolled Trim-1-2023 Without CE	CISY 210	Object Oriented Programming	√	√
	CISY 231	Telecommunication Networks	√	√
	CISY 300	Computer Operating Systems I	√	√
	CISY 421	Management Information Systems	√	√
	CISY 431	Information Systems Security and Audit	√	√
	CISY 404	ICT Project Management	√	√
Third Year Trimester 1 Enrolled Trim-1-2023 With CE	CISY 331	Network Administration I	√	Guided
	CISY 404	ICT Project Management	√	√
	CISY 401	Research Project	√	N/A
	CISY 411	Object Oriented Analysis and Design	√	√
	CISY 423	Advanced Database Systems	√	√
	CISY 433	Cryptography and Network Security	√	√
	CISY 321	Software Engineering Principles	N/A	√
Third Year Trimester 2 Enrolled Trim-3-2022 Without CE	CISY 300	Computer Operating Systems I	√	N/A
	CISY 321	Software Engineering Principles	√	√
	CISY 331	Network Administration I	√	N/A
	CISY 431	Information Systems Security and Audit	√	N/A
	CISY 404	ICT Project Management	√	√
	CISY 411	Object Oriented Analysis and Design	√	√
	CISY 423	Advanced Database Systems	N/A	√
	CISY 433	Cryptography and Network Security	N/A	√
	CISY 401	Research Project	N/A	√
Third Year Trimester 2	CISY 400	Industrial Attachment	√	N/A
	CISY 401	Research Project	√	√
	CISY 411	Object Oriented Analysis and Design	√	√
	CISY 423	Advanced Database Systems	√	N/A

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Enrolled Trim-3-2022 With CE	CISY 433	Cryptography and Network Security	√	√
	CISY 321	Software Engineering Principles	N/A	√
Fourth Year Trimester 1	CISY 210	Object Oriented Programming	√	√
	CISY 400	Industrial Attachment	√	√
	CISY 404	ICT Project Management	√	√
Enrolled Trim-2-2022 Without CE	CISY 411	Object Oriented Analysis and Design	√	√
	CISY 423	Advanced Database Systems	√	N/A
	CISY 433	Cryptography and Network Security	√	√
	CISY 300	Computer Operating Systems I	N/A	√
Fourth Year Trimester 1	CISY 400	Industrial Attachment	N/A	√
Enrolled Trim-2-2022 With CE				
Fourth Year Trimester 2	CISY 300	Computer Operating Systems I	√	N/A
	CISY 411	Object Oriented Analysis and Design	√	N/A
Enrolled Trim-1-2022 Without CE	CISY 423	Advanced Database Systems	√	N/A
	CISY 433	Cryptography and Network Security	√	N/A
Bachelor of Business Information Technology				
First Year Trimester 1	COMM 111	Communication Skills	√	√
	BBIT 111	Introduction to Business Information Systems	√	√
Enrolled Trim-2-2024 Without CE	ECON 101	Principles of Microeconomics	√	√
	BUSS 100	Principles of Management	√	√
	MATH 102	Foundation of Mathematics	√	√
	THEO 111	Christian beliefs	N/A	√
	HSCI 225	HIV/AIDS	√	N/A
First Year Trimester 1	THEO 111	Christian beliefs	√	√
	ENVI 201	Environmental Science	√	√
	ECON 102	Macroeconomics	√	N/A
Enrolled Trim-2-2024 With CE	HCSI 225	HIV/AIDS	√	√
	BBIT 222	Structured Programming	√	√
	SOST 131	Introduction to Sociology	√	N/A

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	BUSS 212	Business Law 1	N/A	√
	BBIT 213	Operating Systems 1	N/A	√
First Year	THEO 111	Christian beliefs	√	N/A
Trimester 2	BBIT 121	Introduction to Programming	√	√
Enrolled Trim-1-2024 Without CE	BBIT 112	Computer Organization and Architecture	√	√
	MATH 132	Probability and Statistics I	√	√
	ACCT 112	Principles of Accounting	√	√
	MATH 110	Linear Algebra	√	√
	HSCI 225	HIV/AIDS	N/A	√
First Year	MATH 110	Linear Algebra	√	√
Trimester 2	BBIT 213	Computer Operating Systems 1	√	√
Enrolled Trim-1-2024 With CE	BBIT 223	Object Oriented Programming	√	√
	BBIT 242	Telecommunication Networks	√	√
	ACCT 219	Cost Accounting	√	√
MKTG 218	Principles of Marketing	√	√	
Second Year	MATH 110	Linear Algebra	√	√
Trimester 1	BBIT 222	Structured Programming	√	√
Enrolled Trim-3-2023 Without CE	BBIT 213	Computer Operating Systems 1	√	√
	SOST 131	Introduction to Sociology	√	N/A
	BBIT 242	Telecommunication Networks	√	√
	MKTG 218	Principles of Marketing	√	√
	ACCT 219	Cost Accounting	N/A	√
Second Year	BBIT 213	Computer Operating Systems 1	√	√
Trimester 1	BBIT 223	Object Oriented Programming	√	√
Enrolled Trim-3-2023 With CE	BBIT 242	Telecommunication Networks	√	√
	ACCT 219	Cost Accounting	√	√
	BBIT 334	Software Engineering Principles	√	√
BBIT 315	ICT Project Management	√	√	
Second Year	BBIT 213	Computer Operating Systems 1	√	√
Trimester 2	BBIT 223	Object Oriented Programming	√	√
Enrolled Trim-2-2023 Without CE	BBIT 242	Telecommunication Networks	√	√
	MKTG 218	Principles of Marketing	√	√
	ENVI 201	Environmental Science	√	√
	BBIT 334	Software Engineering Principles	√	√
Second Year	BBIT 334	Software Engineering Principles	√	√
Trimester 2	BBIT 315	ICT Project Management	√	√
Enrolled Trim-2-2023	BBIT 335	Object Oriented Analysis and Design	√	√
	BBIT 438	Management Information Systems	√	√
	BUSS 212	Business Law 1	√	√

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With CE	BUSS 221	Entrepreneurship	√	N/A
	BBIT 432	Advanced Database Systems	N/A	√
Third Year Trimester 1	BBIT 223	Object Oriented Programming	√	√
	BBIT 242	Telecommunication Networks	√	√
	ACCT 219	Cost Accounting	√	√
	BBIT 334	Software Engineering Principles	√	√
Enrolled Trim-1- 2023 Without CE	BBIT-314	Human Computer Interaction	√	√
	BBIT 315	ICT Project Management	√	√
Third Year Trimester 1	BUSS 212	Business Law I	√	√
	BBIT 334	Software Engineering Principles	√	√
	BBIT 315	ICT Project Management	√	N/A
Enrolled Trim-1- 2023 With CE	BBIT 335	Object Oriented Analysis and Design	√	N/A
	BBIT 445	Network Administration I	√	N/A
	BBIT 447	Cryptography and Network Security	√	√
	BBIT 438	Management Information Systems	N/A	√
	BBIT 432	Advanced Database Systems	N/A	√
Third Year Trimester 2	BBIT 411	IT Research Project	N/A	√
	BBIT 242	Telecommunication Networks	√	√
	BBIT 334	Software Engineering Principles	√	√
	BBIT 315	ICT Project Management	√	√
	BBIT 335	Object Oriented Analysis and Design	√	√
	BBIT 438	Management Information Systems	√	√
	BUSS 212	Business Law I	√	√
	BBIT 410	Industrial Attachment	√	√
Third Year Trimester 2	BBIT 445	Network Administration I	√	Guided
	BBIT 447	Cryptography and Network Security	√	√
	BBIT 334	Software Engineering Principles	N/A	√
	BBIT 411	IT Research Project	√	√
Enrolled Trim-3- 2022 Without CE				
	BUSS 212	Business Law I	√	√
	BBIT 334	Software Engineering Principles	√	N/A
	BBIT 315	ICT Project Management	√	√
	BBIT 335	Object-Oriented Analysis and Design	√	√
	BBIT 445	Network Administration I	√	N/A
	BBIT 447	Cryptography and Network Security	√	√
	BBIT 432	Advanced Database Systems	N/A	√
Fourth Year Trimester 1	BBIT 411	IT Research Project	N/A	√
	BBIT 410	Industrial Attachment	√	N/A
	BBIT 315	ICT Project Management	√	√
	BBIT 335	Object-Oriented Analysis and Design	√	√
Enrolled Trim-2- 2022 Without CE	BBIT 445	Network Administration I	√	N/A
	BBIT 447	Cryptography and Network Security	√	√
	BBIT 432	Advanced Database Systems	N/A	√
	BBIT 411	IT Research Project	N/A	√
	BBIT 410	Industrial Attachment	√	N/A

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Fourth Year Trimester 2	BUSS 212	Business Law I	√	N/A
	BBIT 315	ICT Project Management	√	N/A
	BBIT 411	IT Research Project	√	N/A
	BBIT 438	Management Information Systems	√	N/A
	BBIT 445	Network Administration I	√	N/A
Enrolled Trim-1-2022 Without CE				
Diploma in Business Information Technology				
First Year Trimester 1	DBIT 120	Introduction to Computer Systems	√	N/A
	MATH 102	Foundation of Mathematics	√	N/A
	ACCT 010	Principles of Accounting 1	√	N/A
	BUSS 025	Business Communication	√	N/A
Enrolled Trim-2-2024	DBIT 122	Introduction to Internet and Web Design	√	N/A
	DBIT 126	Office Applications	√	N/A
First Year Trimester 2	ACCT 010	Principles of Accounting 1	√	N/A
	BUSS 025	Business Communication	√	N/A
	DBIT 121	Introduction to Programming	√	N/A
Enrolled Trim-1-2024	DBIT 125	Operating Systems	√	N/A
	DBIT 210	Computer Organization & Architecture	√	N/A
	DBIT 222	I.T. Project Management	√	N/A
Second Year Trimester 1	BUSS 035	Organization Behavior and Leadership	√	N/A
	ECON 015	Principles of Economics	√	N/A
	DBIT 125	Operating Systems	√	N/A
Enrolled Trim-3-2023	DBIT 210	Computer Organization & Architecture	√	N/A
	DBIT 222	I.T. Project Management	√	N/A
	BUSS 012	Principles of Management	√	N/A
Second Year Trimester 2	BUSS 035	Organization Behavior and Leadership	√	N/A
	DBIT 220	Statistical Data Analysis	√	N/A
Trim-2-2023	BUSS 012	Principles of Management	√	N/A
	DBIT 225	Event Driven Programming	√	N/A
	DBIT 226	Research Project	√	N/A
	DBIT 227	Emerging Technologies in ICT	√	N/A
	DBIT 300	Industrial Attachment	√	N/A
Diploma in Computer Information Systems				

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First Year Trimester 1	DCIS 101	Introduction to Computer Systems	√	N/A	
	MATH 102	Foundation of Mathematics	√	N/A	
	DCIS 120	Introduction to Internet and Web Design	√	N/A	
Enrolled Trim-2- 2024	BUSS 025	Business Communication	√	N/A	
	DCIS 102	Basic Electronics	√	N/A	
First Year Trimester 2	DCIS 107	Office Applications	√	N/A	
	BUSS 025	Business Communication	√	N/A	
	DCIS 102	Basic Electronics	√	N/A	
	Enrolled Trim-1- 2024	DCIS 105	Computer Organization and Architecture	√	N/A
		DCIS 110	Introduction to Programming	√	N/A
		DCIS 201	Computer Operating Systems	√	N/A
Second Year Trimester 1	DCIS 202	Statistical Data Analysis	√	N/A	
	DCIS 102	Basic Electronics	√	N/A	
	DCIS 105	Computer Organization and Architecture	√	N/A	
	Enrolled Trim-3- 2023	DCIS 201	Computer Operating Systems	√	N/A
		DCIS 211	Event Driven Programming	√	N/A
		DCIS 202	Statistical Data Analysis	√	N/A
Second Year Trimester 2	DCIS 203	I.T. Project Management	√	N/A	
	DCIS 102	Basic Electronics	√	N/A	
	DCIS 202	Statistical Data Analysis	√	N/A	
	Enrolled Trim-2- 2023	DCIS 203	I.T. Project Management	√	N/A
		DCIS 222	Network Administration and Management	√	N/A
		DCIS 206	IS Project	√	N/A
		DCIS 207	Emerging technologies in ICT	√	N/A
DCIS 220	Network Design and Configuration	Guided	N/A		

Key:

- a) **With Credit Exemption (With CE)**, applies to ALL students who joined **WITH** a diploma qualification
- b) **Without Credit Exemption (Without CE)**, applies to ALL students who joined **WITHOUT** a diploma qualification.
- c) **Not Applicable (N/A)**, means a course is not on offer under the specified mode of study.
- d) **√** - Means a course is on offer under the specified mode of study
- e) **Guided**, means a course is on offer but the class does not form a quorum.

Regards

Robert M. Murungi
CoD, Computer Science

