

DEPARTMENT OF COMPUTER SCIENCE – NAIROBI CAMPUS
COURSES ON OFFER – TRIM I 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-1-2024) | MMIS 631 | Information Systems Strategy | N/A | ✓ |
| | MISG 620 | Statistical Methods in IS | N/A | ✓ |
| | MISG 621 | Project Management | N/A | ✓ |
| | MISG 622 | Knowledge Management | N/A | ✓ |
| First Year Trimester 2 (Enrolled Trim-3-2023) | MMIS 631 | Information Systems Strategy | N/A | ✓ |
| | MISG 620 | Statistical Methods in IS | N/A | ✓ |
| | MISG 621 | Project Management | N/A | ✓ |
| | MISG 622 | Knowledge Management | N/A | ✓ |
| Second Year Trimester 1 (Enrolled Trim-2-2023) | 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 | ✓ |
| Bachelor of Science in Computer Information Systems | | | | |
| First Year Trimester 1 Enrolled Trim-1-2024 Without CE | THEO 111 | Christian Beliefs | N/A | ✓ |
| | SOST 131 | Introduction to Sociology | ✓ | ✓ |
| | CISY 101 | Introduction to Computer Systems | ✓ | ✓ |
| | ENVI 201 | Environmental Science | ✓ | ✓ |
| | MATH 102 | Foundation of Mathematics | ✓ | ✓ |
| | BUSS 114 | Entrepreneurship | ✓ | ✓ |
| | HSCI 225 | HIV/AIDS | ✓ | N/A |
| First Year Trimester 1 Enrolled Trim-1-2024 With CE | THEO 111 | Christian Beliefs | ✓ | ✓ |
| | SOST 131 | Introduction to Sociology | ✓ | ✓ |
| | CISY 111 | Structured Programming | ✓ | ✓ |
| | MATH 103 | Calculus I | ✓ | ✓ |
| | HSCI 225 | HIV/AIDS | ✓ | ✓ |
| | ENVI 201 | Environmental Science | ✓ | ✓ |
| First Year Trimester 2 | THEO 111 | Christian Beliefs | ✓ | N/A |
| | CISY 110 | Introduction to Programming | ✓ | ✓ |
| | MATH 103 | Calculus I | ✓ | ✓ |
| | BUSS 114 | Entrepreneurship | ✓ | N/A |

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|------------------------------------|----------|---|-----|-----|
| Enrolled Trim-3-2023 Without CE | COMM 111 | Communication Skills | ✓ | ✓ |
| | CISY 131 | Introduction to Computer Networks | ✓ | ✓ |
| | CISY 221 | Database Systems | N/A | ✓ |
| | CISY 222 | Systems Analysis and Design | N/A | ✓ |
| First Year Trimester 2 | MATH 103 | Calculus I | ✓ | ✓ |
| | HSCI 225 | HIV/AIDS | ✓ | ✓ |
| Enrolled Trim-3-2023 With CE | PHYS 200 | Electricity and Magnetism | ✓ | ✓ |
| | BBIT 314 | Human Computer Interaction | ✓ | ✓ |
| | CISY 303 | Computer Hardware and Maintenance | ✓ | ✓ |
| | CISY 302 | Research Methodology | ✓ | ✓ |
| Second Year Trimester 1 | CISY 111 | Structured Programming | ✓ | ✓ |
| | MATH 103 | Calculus I | ✓ | ✓ |
| Enrolled Trim-2-2023 Without CE | CISY 221 | Database Systems | ✓ | ✓ |
| | CISY 222 | Systems Analysis and Design | ✓ | ✓ |
| | BUSS 114 | Entrepreneurship | ✓ | ✓ |
| | CISY 421 | Management Information Systems | ✓ | ✓ |
| Second Year Trimester 1 | PHYS 200 | Electricity and Magnetism | ✓ | ✓ |
| | CISY 421 | Management Information Systems | ✓ | ✓ |
| Enrolled Trim-2-2023 With CE | CISY 303 | Computer Hardware and Maintenance | ✓ | ✓ |
| | CISY 302 | Research Methodology | ✓ | ✓ |
| | BBIT 314 | Human Computer Interaction | ✓ | ✓ |
| | CISY 311 | Internet Applications and Programming | ✓ | ✓ |
| Second Year Trimester 2 | PHYS 200 | Electricity and Magnetism | ✓ | ✓ |
| | BUSS 114 | Entrepreneurship | ✓ | ✓ |
| Enrolled Trim-1-2023 Without CE | CISY 303 | Computer Hardware and Maintenance | ✓ | ✓ |
| | CISY 302 | Research Methodology | ✓ | ✓ |
| | BBIT 314 | Human Computer Interaction | ✓ | ✓ |
| | CISY 311 | Internet Applications and Programming | ✓ | ✓ |
| Second Year Trimester 2 | PHYS 200 | Electricity and Magnetism | ✓ | ✓ |
| | CISY 303 | Computer Hardware and Maintenance | ✓ | N/A |
| Enrolled Trim-1-2023 With CE | MATH 330 | Operations Research for Computer Scientists | ✓ | ✓ |
| | CISY 421 | Management Information Systems | ✓ | N/A |

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| | | | | |
|---|----------|---|-----|-----|
| | CISY 422 | Introduction to Artificial Intelligence | ✓ | ✓ |
| | CISY 431 | Information Systems Security and Audit | ✓ | N/A |
| | BBIT 314 | Human Computer Interaction | N/A | ✓ |
| | BUSS 420 | Strategic Management | N/A | ✓ |
| | CISY 426 | Multimedia Systems | N/A | ✓ |
| Third Year Trimester 1 Enrolled Trim-3-2022 Without CE | PHYS 200 | Electricity and Magnetism | ✓ | ✓ |
| | BUSS 114 | Entrepreneurship | ✓ | ✓ |
| | CISY 303 | Computer Hardware and Maintenance | ✓ | N/A |
| | BBIT 314 | Human Computer Interaction | ✓ | ✓ |
| | CISY 311 | Internet Applications and Programming | ✓ | ✓ |
| | CISY 421 | Management Information Systems | ✓ | ✓ |
| | CISY 426 | Multimedia Systems | N/A | ✓ |
| Third Year Trimester 1 Enrolled Trim-3-2022 With CE | PHYS 200 | Electricity and Magnetism | ✓ | ✓ |
| | MATH 330 | Operations Research for Computer Scientists | ✓ | ✓ |
| | CISY 422 | Introduction to Artificial Intelligence | ✓ | ✓ |
| | CISY 432 | Distributed Systems | ✓ | N/A |
| | BUSS 420 | Strategic Management | ✓ | N/A |
| | CISY 333 | Wireless Communications | ✓ | ✓ |
| | CISY 426 | Multimedia Systems | N/A | ✓ |
| | CISY 400 | Industrial Attachment | N/A | ✓ |
| Third Year Trimester 2 Enrolled Trim-2-2022 Without CE | CISY 422 | Introduction to Artificial Intelligence | ✓ | N/A |
| | CISY 431 | Information Systems Security and Audit | ✓ | N/A |
| | CISY 432 | Distributed Systems | ✓ | N/A |
| | BUSS 420 | Strategic Management | ✓ | N/A |
| | CISY 426 | Multimedia Systems | ✓ | ✓ |
| | CISY 333 | Wireless Communications | ✓ | ✓ |
| | MATH 102 | Foundation of Mathematics | N/A | ✓ |
| | CISY 111 | Structured Programming | N/A | ✓ |
| | PHYS 200 | Electricity and Magnetism | N/A | ✓ |
| | CISY 401 | Research Project | N/A | ✓ |
| Third Year Trimester 2 | PHYS 200 | Electricity and Magnetism | ✓ | ✓ |
| | MATH 330 | Operations Research for Computer Scientists | ✓ | ✓ |
| | CISY 400 | Industrial Attachment | ✓ | ✓ |

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| | | | | |
|--|----------|--|-----|-----|
| Enrolled Trim-2-2022 With CE | CISY 422 | Introduction to Artificial Intelligence | ✓ | ✓ |
| | CISY 432 | Distributed Systems | ✓ | N/A |
| | CISY 423 | Advanced Database Systems | ✓ | N/A |
| | CISY 426 | Multimedia Systems | N/A | ✓ |
| | CISY 333 | Wireless Communications | N/A | ✓ |
| Fourth Year Trimester 1 | CISY 422 | Introduction to Artificial Intelligence | ✓ | N/A |
| | CISY 401 | Research Project | ✓ | N/A |
| | CISY 432 | Distributed Systems | ✓ | N/A |
| | BUSS 420 | Strategic Management | ✓ | N/A |
| Enrolled Trim-1-2022 Without CE | CISY 426 | Multimedia Systems | ✓ | N/A |
| | CISY 333 | Wireless Communications | ✓ | N/A |
| Fourth Year Trimester 2 | PHYS 200 | Electricity and Magnetism | ✓ | N/A |
| | MATH 330 | Operations Research for Computer Scientists | ✓ | N/A |
| Enrolled Trim-3-2021 Without CE | CISY 422 | Introduction to Artificial Intelligence | ✓ | N/A |
| | CISY 432 | Distributed Systems | ✓ | N/A |
| Bachelor of Business Information Technology | | | | |
| First Year Trimester 1 | COMM 111 | Communication Skills | ✓ | ✓ |
| | BBIT 111 | Introduction to Business Information Systems | ✓ | ✓ |
| Enrolled Trim-1-2024 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 | ✓ | ✓ |
| Enrolled Trim-1-2024 With CE | HCSI 225 | HIV/AIDS | ✓ | ✓ |
| | BBIT 222 | Structured Programming | ✓ | ✓ |
| | SOST 131 | Introduction to Sociology | ✓ | ✓ |
| First Year Trimester 2 | THEO 111 | Christian beliefs | ✓ | N/A |
| | BBIT 121 | Introduction to Programming | ✓ | ✓ |
| | ACCT 112 | Principles of Accounting | ✓ | ✓ |
| Enrolled Trim-3-2023 | BBIT 231 | Systems Analysis and Design | ✓ | ✓ |
| | BBIT 232 | Database Systems | ✓ | ✓ |

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|--|----------|--|-----|-----|
| Without CE | BBIT 241 | Introduction to Computer Networks | ✓ | ✓ |
| | HSCI 225 | HIV/AIDS | N/A | ✓ |
| First Year Trimester 2 Enrolled Trim-3- 2023 With CE | HCSI 225 | HIV/AIDS | ✓ | N/A |
| | BUSS 326 | Organizational Behaviour | ✓ | ✓ |
| | MKTG 218 | Principles of Marketing | ✓ | ✓ |
| | MATH 330 | Operations Research for Business | ✓ | ✓ |
| | BBIT 333 | Introduction to Artificial Intelligence | ✓ | ✓ |
| | BBIT 314 | Human Computer Interaction | ✓ | ✓ |
| | BUSS 114 | Entrepreneurship | N/A | ✓ |
| Second Year Trimester 1 Enrolled Trim-2- 2023 Without CE | THEO 111 | Christian beliefs | ✓ | N/A |
| | BBIT 222 | Structured Programming | ✓ | ✓ |
| | BBIT 231 | Systems Analysis and Design | ✓ | ✓ |
| | BBIT 232 | Database Systems | ✓ | ✓ |
| | BBIT 241 | Introduction to Computer Networks | ✓ | ✓ |
| | SOST 131 | Introduction to Sociology | ✓ | ✓ |
| | HSC 225 | HIV/AIDS | N/A | ✓ |
| Second Year Trimester 1 Enrolled Trim-2- 2023 With CE | MATH 330 | Operations Research for Business | ✓ | ✓ |
| | BBIT 333 | Introduction to Artificial Intelligence | ✓ | ✓ |
| | BBIT 314 | Human Computer Interaction | ✓ | ✓ |
| | BBIT 316 | Research Methodology | ✓ | ✓ |
| | BBIT-325 | Application Programming for the Internet | ✓ | ✓ |
| | BBIT 443 | Information Systems Security and Audit | ✓ | N/A |
| | BBIT 431 | Multimedia Systems and Applications | N/A | ✓ |
| Second Year Trimester 2 Enrolled Trim-1- 2023 Without CE | SOST 131 | Introduction to Sociology | ✓ | ✓ |
| | BUSS 326 | Organizational Behaviour | ✓ | ✓ |
| | MKTG 218 | Principles of Marketing | ✓ | ✓ |
| | ENVI 201 | Environmental Science | ✓ | ✓ |
| | MATH 330 | Operations Research for Business | ✓ | ✓ |
| | BBIT 333 | Introduction to Artificial Intelligence | ✓ | ✓ |
| | | | | |
| Second Year Trimester 2 Enrolled Trim-1- 2023 With CE | BBIT 333 | Introduction to Artificial Intelligence | ✓ | ✓ |
| | BBIT 443 | Information Systems Security and Audit | ✓ | N/A |
| | BUSS 420 | Strategic Management | ✓ | ✓ |
| | BUSS 114 | Entrepreneurship | ✓ | ✓ |
| | BBIT 431 | Multimedia Systems and Applications | ✓ | ✓ |
| | BBIT 432 | Advanced Database Systems | ✓ | N/A |
| | BBIT 444 | Wireless Communications | N/A | ✓ |
| | BUSS 326 | Organizational Behaviour | N/A | ✓ |
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| | | | | |
|--|----------|--|-----|-----|
| Third Year Trimester 1 Enrolled Trim-3- 2022 Without CE | ENVI 201 | Environmental Science | ✓ | N/A |
| | BBIT 333 | Introduction to Artificial Intelligence | ✓ | ✓ |
| | BBIT 314 | Human Computer Interaction | ✓ | N/A |
| | BBIT 316 | Research Methodology | ✓ | ✓ |
| | BBIT-325 | Application Programming for the Internet | ✓ | ✓ |
| | BBIT 443 | Information Systems Security and Audit | ✓ | N/A |
| | BUSS 326 | Organizational Behaviour | N/A | ✓ |
| | MKTG 218 | Principles of Marketing | N/A | ✓ |
| | BBIT 444 | Wireless Communications | N/A | ✓ |
| Third Year Trimester 1 Enrolled Trim-3- 2022 With CE | BBIT 333 | Introduction to Artificial Intelligence | ✓ | ✓ |
| | BUSS 420 | Strategic Management | ✓ | ✓ |
| | BBIT 411 | IT Research Project | ✓ | N/A |
| | BBIT 431 | Multimedia Systems and Applications | ✓ | ✓ |
| | BBIT 432 | Advanced Database Systems | ✓ | N/A |
| | BBIT 448 | Distributed Systems | ✓ | N/A |
| | MATH 330 | Operations Research for Business | N/A | ✓ |
| | BBIT 444 | Wireless Communications | N/A | ✓ |
| | BBIT 410 | Industrial Attachment | N/A | ✓ |
| Third Year Trimester 2 Enrolled Trim-2- 2022 Without CE | BBIT 333 | Introduction to Artificial Intelligence | ✓ | ✓ |
| | BBIT 316 | Research Methodology | ✓ | N/A |
| | BBIT 443 | Information Systems Security and Audit | ✓ | N/A |
| | BBIT 438 | Management Information Systems | ✓ | ✓ |
| | BBIT 431 | Multimedia Systems and Applications | ✓ | ✓ |
| | BBIT 432 | Advanced Database Systems | ✓ | N/A |
| | BBIT 444 | Wireless Communications | N/A | ✓ |
| | BUSS 114 | Entrepreneurship | N/A | ✓ |
| | BBIT 410 | Industrial Attachment | N/A | ✓ |
| Fourth Year Trimester 1 Enrolled Trim-1- 2022 Without CE | BBIT 448 | Distributed Systems | ✓ | N/A |
| | BUSS 420 | Strategic Management | ✓ | N/A |
| | BUSS 114 | Entrepreneurship | ✓ | N/A |
| | BBIT 431 | Multimedia Systems and Applications | ✓ | N/A |
| | BBIT 432 | Advanced Database Systems | ✓ | N/A |
| | BBIT 444 | Wireless Communications | ✓ | N/A |
| Fourth Year Trimester 2 | BUSS 326 | Organizational Behaviour | ✓ | N/A |
| | BUSS 420 | Strategic Management | ✓ | N/A |
| | BBIT 411 | Research Project | ✓ | N/A |

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| | | | | |
|--|----------|---|---|-----|
| Enrolled Trim-3-2021 Without CE | BBIT 444 | Wireless Communications | ✓ | N/A |
| | BBIT 448 | Distributed Systems | ✓ | N/A |
| | | | | |
| Diploma in Business Information Technology | | | | |
| First Year Trimester 1 | DBIT 120 | Introduction to Computer Systems | ✓ | N/A |
| | MATH 102 | Foundation of Mathematics | ✓ | N/A |
| | DBIT 224 | Information System Management | ✓ | N/A |
| | DBIT 126 | Office Applications | ✓ | N/A |
| Enrolled Trim-1-2024 | DBIT 122 | Introduction to Internet and Web Design | ✓ | N/A |
| | DBIT 221 | Database Management Systems | ✓ | 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 |
| | MKTG 022 | Marketing Fundamentals | ✓ | N/A |
| | DBIT 124 | System Analysis and Design | ✓ | N/A |
| | DBIT 223 | Computer Networking | ✓ | N/A |
| Enrolled Trim-3-2023 | | | | |
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| Second Year Trimester 1 | MKTG 022 | Marketing Fundamentals | ✓ | N/A |
| | ACCT 010 | Principles of Accounting 1 | ✓ | N/A |
| | BUSS 025 | Business Communication | ✓ | N/A |
| | DBIT 123 | Computer Hardware and Maintenance | ✓ | N/A |
| | ENTR 032 | Entrepreneurship | ✓ | N/A |
| | DBIT 224 | Information System Management | ✓ | N/A |
| Second Year Trimester 2 | BUSS 025 | Business Communication | ✓ | N/A |
| | BUSS 035 | Organization Behavior and Leadership | ✓ | N/A |
| | MKTG 022 | Marketing Fundamentals | ✓ | N/A |
| | DBIT 224 | Information System Management | ✓ | N/A |
| | DBIT 225 | Event Driven Programming | ✓ | N/A |
| | DBIT 226 | Research Project | ✓ | N/A |
| | DBIT 300 | Industrial Attachment | ✓ | N/A |
| Trim-1-2023 | | | | |
| | | | | |
| Diploma in Computer Information Systems | | | | |
| First Year Trimester 1 | DCIS 101 | Introduction to Computer Systems | ✓ | N/A |
| | DCIS 107 | Office Applications | ✓ | N/A |
| | DCIS 120 | Introduction to Internet and Web Design | ✓ | N/A |
| | DCIS 205 | I.T User Support | ✓ | N/A |

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|--|----------|------------------------------------|---|-----|
| Enrolled Trim-1-2024 | MATH 102 | Foundation of Mathematics | ✓ | N/A |
| | DCIS 106 | Database Design and Implementation | ✓ | N/A |
| First Year Trimester 2 | BUSS 025 | Business Communication | ✓ | N/A |
| | DCIS 103 | Computer Hardware and Maintenance | ✓ | N/A |
| Enrolled Trim-3-2023 | DCIS 104 | System Analysis and Design | ✓ | N/A |
| | DCIS 110 | Introduction to Programming | ✓ | N/A |
| | DCIS 121 | Computer Networks | ✓ | N/A |
| | DCIS 221 | Advanced Web Design | ✓ | N/A |
| Second Year Trimester 1 | BUSS 025 | Business Communication | ✓ | N/A |
| | DCIS 103 | Computer Hardware and Maintenance | ✓ | N/A |
| Enrolled Trim-2-2023 | DCIS 211 | Event Driven Programming | ✓ | N/A |
| | DCIS 221 | Advanced Web Design | ✓ | N/A |
| | DCIS 205 | I.T User Support | ✓ | N/A |
| | DCIS 300 | Industrial Attachment | ✓ | N/A |
| Second Year Trimester 2 | BUSS 025 | Business Communication | ✓ | N/A |
| | DCIS 220 | Network Design and Configuration | ✓ | N/A |
| | DCIS 221 | Advanced Web Design | ✓ | N/A |
| Enrolled Trim-1-2023 | DCIS 204 | Information System Management | ✓ | N/A |
| | DCIS 205 | I.T User Support | ✓ | N/A |
| | DCIS 206 | IS Project | ✓ | N/A |
| | DCIS 300 | Industrial Attachment | ✓ | N/A |
| Third Year Trimester 1 | DCIS 221 | Advanced Web Design | ✓ | N/A |
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| Enrolled Trim-3-2022 | | | | |
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Key:

- a) **With CE – With Credit Exemption**, applies to ALL students who joined **WITH** a diploma qualification
- b) **Without CE – Without Credit Exemption**, applies to ALL students who joined **WITHOUT** a diploma qualification.
- c) **N/A – Not Applicable**, means a course is not on offer under the specified mode of study.

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d) ✓ - Means a course is on offer under the specified mode of study

Regards



Robert M. Murungu

CoD, Computer Science

