NATIONAL OPEN UNIVERSITY OF NIGERIA

University Village, Plot 91 Cadastral Zone, Nnamdi Azikiwe Express Way, Jabi, Abuja
FACULTY OF SCIENCES

DEPARTMENT OF COMPUTER SCIENCE

Internal Memo

From: HOD, Computer Science	**To:** Director, Learner Support Services
	Through: Dean, FOS 31/1/22
Ref: NOUN/FOS/CSD/LSS/16/VOL.I	**Date:** 31st January, 2022

UPDATE ON NEW COURSES FOR B.SC COMPUTER SCIENCE PROGRAMME

In compliance with the recommendations of the NUC on the four-year BSc Computer Science programme, the Department has introduced some new courses cutting across all levels.

Students at each level are to register for the new courses for their level. Students who have passed those courses or their equivalents are not expected to take them (See equivalents below).

Students that failed the course(s) prior to the 2022_1 semester are henceforth expected to register and pass their mapped equivalents below before graduation:

	New Courses	**Old Courses (If failed before 2022_1)**
1	MTH101: Elementary Mathematics I	MTH211: Introduction to Set Theory and Abstract Algebra (E)
2	PHY202: Modern Physics I	PHY192: Introductory Practical Physics II
3	CIT108: Problem Solving Algorithm	CIT208: Information Systems
4	CIT110: Cyber-Security I	CIT102: Software Application Skills
5	CIT217: Foundations of Sequential Program	CIT213: Elementary Data Processing
6	STT211: Probability Distribution I	STT102: Introductory Statistics STT311: Probability Distribution II
7	MTH205: Linear Algebra I	MTH232: Elementary Differential Equation
8	MTH205: Linear Algebra I	MTH241: Introduction to Real Analysis **(E)**
9	MTH 281: Mathematical Methods I	MTH282: Mathematical Methods II MTH213: Numerical Analysis I
10	CIT304 Data Management	CIT143: Introduction to Data Organization and

		Management
11	CIT210: Computer Hardware	CIT246: Introduction to Computer Organization
12	CIT216 (204): Fundamentals of Data Structure	CIT341: Data Structures
13	CIT206: Discrete Structure	MTH232: Elementary Differential Equation
14	CIT202: Computer Programming II	CIT237: Programming and Algorithm
15	CIT423: Computer Networks and Communication	CIT 311:Computer Networks CIT465: Network Administration
16	CIT301: Structured Programming	CIT351: C# Programming
17	CIT335: Computational Science &Numerical Methods	MTH307: Numerical Analysis II, MTH381: Mathematical Methods III, MTH382: Mathematical Methods IV
18	CIT315: Operating Systems II	CIT372: Introduction to Computer Graphics and Animations CIT463: Introduction to Multimedia Technology (E)
19	PHY308: Electronics I	CIT236: Analogue and Digital Electronics
20	CIT421: Net-Centric Computing	CIT322: Introduction to Internet Programming, CIT461: Internet Architecture and Communication
21	CIT308: Formal Methods, Automata and Software Development	CIT342: Formal Languages and Automata theory
22	CIT310: Algorithms and Complex Analysis	CIT 344: Introduction to Computer Design
23	CIT401: Organization of Programming Languages	CIT467: Visual Programming and Applications
24	CIT316: Principles and Techniques of Compilers (Compiler Construction I)	CIT445: Principles and Techniques of Compilers

Thank you.

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