



ANNUAL PROGRESSION FORM of form 5

SCHOOL YEAR : 2025/2026

Class :F3	Nbr of chapters :	Weekly Nbr of hours.: 02	Annual Nbr of hours : 75	Coef.:03
Teacher's Name : FOTOH LWANGA M.				

Term	Seq	Week	Life Domain	Module	Teaching Units	Learning Units	Duration
First Term	1 st Sequence	Week 1	CODING	PROBLEM SOLVING AND CODING 3	Writing Algorithms	1 st contact and Presentation of annual program Lesson 1: Algorithms - Totaling - Counting - Maximum, minimum and average values - Swap	3h
		Week 2				Lesson 2: Algorithms cont. - Linear search - Bubble sort - Subroutines	3h
					Describing programming paradigms	Lesson 3: Describing Programming paradigm. - Imperative paradigm - Declarative paradigm - OOP paradigm	
					Describing data structure	Lesson 4: Data structures Simple data types (Integer, Real/float, Character, pointer, Boolean)	
						Lesson 5: Data structures cont. - Structured data types (Array, Record) - Abstract data types (Stacks, Queues)	
					Converting an algorithm into a program	Lesson 6: Introduction to programming in C/Pascal - Structure of a programming language - Character set, identifiers, and keywords - Constants, variables - Expressions and operators	3h
		Integration activities			3h		
	Evaluation No 1 & Remediation		3h				
	2 nd Sequence	Week 6	PROBLEM SOLVING			Lesson 7: Introduction to programming in C/Pascal cont. Lesson 8: Program Control structures (Sequence, Selection, and Repetition) Lesson 9: Subroutines (Functions and Procedures)	3h
		Week 7			Evaluating an information system	Lesson 10: Information System in an organisation - Concept definition and functional components of an IS. - Characteristics of a System - Types of Systems Lesson 11: Components of an IS Lesson 12: Types of Information Systems	3h
		Week 8			Developing a system	Lesson 13: System Development Life Cycle - Problem definition and specification of a system in an organization Lesson 14: Stages of the SDLC Lesson 15: Simulation and Prototyping	3h
		Week 9			Integration activities		3h
		Week 10			Evaluation N°2 (Pre-Mock Examination)		3h
		Week 11			Remediation		3h
		Week 12			Describing data capture methods	Lesson 16: Data capture methods - Data integrity	3h

Third Sequence	4 th Sequence					- Data validation and verification - Processing Methods (Batch, online & Real time, etc.)	3h	
		Managing projects			Lesson 17: Project Management - Importance of Project Management - Life Cycle of a Project			
					Lesson 18: Project management tools and techniques			
		Designing and implementing simple databases			Lesson 19: Introduction to Database	3h		
					Lesson 20: Relational database and its elements Lesson 21: Database normalization			
		Integration Activities			3h			
		Evaluation No 3 & Remediation			3h			
	5 th Sequence	Week 17	DATA MANIPULATION	DATA MANIPULATION 2	Representing data in the computer	Lesson 22: Data representation - Concepts of numbers, characters, and instructions. Lesson 23: Coding schemes (ASCII, UNICODE, EBCDIC, and BCD)	3h	
					Operations on number systems	Lesson 24: Number systems - Importance of binary data representation - Binary, octal and hexadecimal systems		
						Lesson 25: Number systems cont. - Conversion from one base to another base. - Binary arithmetic (Addition, Subtraction)		3h
		Week 18			Analyzing simple logic circuits and logic expressions	Lesson 26: Logic gates and Circuits - Logic gates (NOT, AND, OR, NOR, NAND, XOR) - Logic circuits - Truth tables - De Morgan’s laws	3h	
						Week 19		HARDWARE
		Describing internal components of the computer	Lesson 28: Internal components of a computer - Processing Units - Machine instruction cycle					
			Lesson 29: Internal components of a computer cont. - Types of Memory - Primary and Secondary Storage units - Other internal components (Motherboard, GPU, Sound card, Graphic card, CMOS, etc.)		3h			
		Getting application software	Lesson 30: Software - Application Software	3h				
			Integration Activities		3h			
		Evaluation No 4 (MOCK Exams)		3h				
		Remediation		3h				
		Week 24	SOFTWARE			Describe ways of acquiring or distributing software	Lesson 31: System Software	3h
							Lesson 32: Generic, special purpose and tailor-made software. Lesson 33: Open and closed software Lesson 34: Concepts of shareware, freeware, and software as a service (SAAS).	
Week 25							Creating digital content using a software	Lesson 35: Word processors - o Formatting - o Text boxes Lesson 36: Spreadsheets - o Cells, address, formula - o Functions - o Sorting and filtering

		Week 26				Lesson 37: Presentation ○ Slides ○ Animations Lesson 38: Desktop publishing software ○ Layout tools ○ Templates ○ Text boxes	3h	
		Week 27			Integration Activities		3h	
	6 th Sequence	Week 28				Proposing assistive technology for social inclusion	Lesson 39: Assistive technologies.	3h
		Week 29	NETWORK SYSTEMS	NETWORK SYSTEMS 2	Exploring the concepts related to data communication	Lesson 40: Data Communication	3h	
					Classifying hardware for networks	Lesson 41: Network Hardware		
		Week 30			Setting up LANs	Lesson 42: Setting up a network	3h	
					Working on the Internet	Lesson 43: The INTERNET		
		Week 31			Social networks	Lesson 44: Social Networking	3h	
		Week 32			ETHICS, SOCIETY AND LEGAL ISSUES	SYSTEM SECURITY	Securing computer and data.	Lesson 45: Computer Security and Data Security
		Week 33	Securing networks	Lesson 46: Computer threats and Vulnerabilities			3h	
		Week 34	Evaluating the impacts of digital identities and digital footprints	Lesson 47: Digital identities and Footprints			3h	
			ETHICS, SOCIETY AND LEGAL ISSUES	ETHICS, SOCIETY AND LEGAL ISSUES 3	Examine licenses and copyright practices	Lesson 48: Licenses and Copyright		
		Avoiding computer related health issues			Lesson 49: Computer-related health hazards	3h		
		Week 36			REVISION			
		Week 37						3h
			Week 38-39	GCE EXAMS				

Teacher(s)' Signature

HOD's Signature