CL101 – Introduction to Computing Lab
OUTLINE

Course Code	CL101		
Course title	Introduction to Computing lab		
Credit hours	1		
Prerequisite	-		
Assessment With weights	Lab Task	35	
	Assignment	20	
	Quiz	5	
	Final	40	

	Duration	**Topics**
Topics covered in the lab, with number of lab sessions on each topic	1(3hrs)	Introduction - Setting environment - Basic python Script - Running Python code on CMD - Basic Functions
	2 (3hrs)	- Variables - Types of variables - Input - Output
	3(3hrs)	- Arithmetic Operator - Logical Operator - Relation Operator - Gates
	4(3hrs)	Control Structures
	5(3hrs)	Lab task related to Control statements

	6(3hrs)	String , ASCII & Unicode
	7(3hrs)	List Tuple Dictionary
	8(3hrs)	Functions • User Define • Built In • Parameter • Default parameters • Return type
	9(3hrs)	Lab task related to functions
	10(3hrs)	File Handling
	11(3hrs)	Lab Task related to file Handling
	12(3hrs)	Exceptional Handling
	13(3hrs)	Advance topics • Random variables • Output formatting • Libraries • Packages • Imports • Exports
	14(3hrs)	Revision
	15(3hrs)	LAB EXAM