

Course Log Template

INSTITUTION National University of Computer and Emerging Sciences,
Karachi Campus

PROGRAM (S) TO BS (CS) and BS (CY)
BE
EVALUATED

Course Name Discrete Structures
Catalog Number CS1005
Instructor Name Mr. Shoaib Raza

Date	Duration	Topics Covered	Evaluation Instruments used	Signature
06-September, 2021	3 Hours	Introduction: Discrete Structures and its applications, Propositional Logic, Applications of Propositional Logic, Propositional Equivalences	Quiz, Assignment and Mid & Final Exam	
13-September, 2021	3 Hours	Predicates and Quantifiers, Nested Quantifiers	Quiz, Assignment and Mid & Final Exam	
20-September, 2021	3 Hours	Rules of Inference	Quiz, Assignment and Mid & Final Exam	
27-September, 2021	6 Hours	Sets, Functions and Sequence and Series	Quiz, Assignment and Mid & Final Exam	
11-October, 2021	1 Hours	MID-I EXAMINATION		
18-October, 2021	4 Hours	Relations	Quiz, Assignment and Mid & Final Exam	
26-October, 2021	5 Hours	Number Theory and Cryptography	Quiz, Assignment and Mid & Final Exam	
08-November, 2021	3 Hours	Mathematical Proofs and Mathematical Induction	Quiz, Assignment and Mid & Final Exam	
15-November, 2021	1 Hours	MID-II EXAMINATION		



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22-November, 2021	6 Hours	Combinatorics: Permutation, Combination, Inclusion-Exclusion Principle, Binomial theorem	Quiz, Assignment and Mid & Final Exam	
06-December, 2021	6 Hours	Graph Theory, graph theoretic algorithms	Quiz, Assignment and Mid & Final Exam	
20-December, 2021	3 Hours	Trees and their applications	Quiz, Assignment and Mid & Final Exam	
	3 Hours	FINAL EXAMINATION		

Instructor Name Shoaib Raza

Instructor Signature _____

Date 05-09-2021