



National Computing Education Accreditation Council
NCEAC



NCEAC.DOC.001-E

COURSE DESCRIPTION

NAME OF INSTITUTION	Lahore Garrison University
PROGRAM (S) TO BE EVALUATED	Computer Science , Spring 2023

Course Description :

Course Code	CSC354								
Course Title	Design & Analysis of Algorithms								
Credit Hours	3+0								
Prerequisites by Course(s) and Topics									
Assessment Instruments with Weights (homework, quizzes, midterms, final, programming assignments, lab work, etc.)	SESSIONAL (Quizzes, Assignments, Presentations) =25 % Midterm Exam =25 % Final Exam = 50%								
Course Coordinator									
URL (if any)									
Current Catalog Description									
Textbook (or Laboratory Manual for Laboratory Courses)									
Reference Material									
Course Goals									
Course Learning Outcomes (CLOs):	<table><tr><td>At the end of the course the students will be able to:</td><td>Domain</td><td>BT Level*</td></tr><tr><td>* BT= Bloom's Taxonomy, C=Cognitive domain, P=Psychomotor domain, A= Affective domain</td><td></td><td></td></tr></table>			At the end of the course the students will be able to:	Domain	BT Level*	* BT= Bloom's Taxonomy, C=Cognitive domain, P=Psychomotor domain, A= Affective domain		
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Topics Covered in the Course, with Number of Lectures on Each Topic (assume 15-week instruction and one-hour lectures)

Week	Lecture	Topics Covered
Week 1	1	
	2	
Week 2	3	
	4	
Week 3	5	
	6	
Week 4	7	
	8	
Week 5	9	
	10	
Week 6	11	
	12	
Week 7	13	
	14	
Week 8	1 hours	Mid Term
Week 9	15	
	16	
Week 10	17	
	18	
Week 11	19	
	20	
Week 12	21	
	22	
Week 13	23	
	24	
Week 14	25	
	26	
Week 15	27	
	28	
Week 16	29	
	30	
Week 17	2 hours	Final Term

Laboratory Projects/Experiments Done in the Course

Programming Assignments Done in the Course

Instructor Name

Instructor Signature

Date