

# Course Outline

## Arch 3101: Modern Architecture

### Part A

1	Course No.	<b>Arch 3101</b>
2	Course Title	<b>Modern Architecture</b>
3	Course Type	<b>Core Course</b>
4	Year/Semester and Section	<b>3rd/Odd</b>
5	Academic Session	
6	Course Instructor	<b>Nazia Afrin Trina, Md. Nazmul Hoda</b>
7	Prerequisite (If any)	<b>N/A</b>
8	Credit Value	<b>2.00</b>
9	Contact Hours	<b>2.00</b>
10	Total Marks	<b>100</b>
11	Rationale of the Course	This course delves into the history, theory, and praxis of Modern Architecture from the latter part of the 19th century to contemporary times. It encompasses the pivotal movements, architects, and edifices that epitomized modernism globally, with an emphasis on SAARC countries, as well as their repercussions on contemporary architecture. The course scrutinizes the social, cultural, and technological transformations that impelled the evolution of modern architecture.

12	Course Objectives	<ol style="list-style-type: none"> <li>1. To introduce students to the fundamental principles, concepts, and ideas of different forms of art and architecture in the 19th and 20th centuries.</li> <li>2. To provide students with an understanding of the historical context of art and architecture in the world during the 19th and 20th centuries, and their impact on contemporary art and architecture.</li> <li>3. To develop students' critical thinking, analytical, and interpretive skills through the study of architectural theories, manifestos, case studies, and people's reactions and acceptance of these forms of art and architecture.</li> <li>4. To equip students with the knowledge and skills to design and develop modern architecture that responds to the contemporary context while being informed by the historical, cultural, and social contexts in which these forms of art and architecture emerged.</li> <li>5. To promote students' awareness of the social, cultural, and ethical dimensions of art and architecture in the 19th and 20th centuries, and their role in shaping the built environment.</li> </ol>
13	Course Learning Outcomes (CLOs)	<p>After completing this course students will be able to</p> <ol style="list-style-type: none"> <li>1. Demonstrate knowledge of the fundamental concepts, principles, and theories of art and architecture in the 19th and 20th centuries.</li> <li>2. Analyze and evaluate the works of architects and artists from Asia, Africa, and SAARC countries during this period, and their contribution to the evolution of art and architecture.</li> <li>3. Demonstrate an understanding of the historical context of art and architecture in this period, and their impact on contemporary art and architecture.</li> <li>4. Assess the social, cultural, and ethical dimensions of art and architecture in this period, and their role in shaping the built environment.</li> </ol>

## Mapping/Alignment of CLO with Program Learning Outcomes (PLOs)

	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7	PLO 8	PLO 9	PLO 10	PLO 11	PLO 12
	Knowledge	Critical awareness and analysis	Design synthesis and building integration	Technical aptitude	Presentation and communication	Advanced technological skill	Society, environment and sustainability	Ethical principles and regulatory context	Higher education and scholarly qualities	Individual and team work	Management and project economics	Lifelong learning
<b>CLO 1</b>	✓											
<b>CLO 2</b>		✓										
<b>CLO 3</b>	✓											
<b>CLO 4</b>		✓	✓				✓					

## Part B

14. Course Plan specifying content, CLOs, co-curricular activities (if any), teaching learning and assessment strategy mapped with CLOs.

Critical analysis of different forms of art & architecture in the 19th and 20th centuries. Architecture of Asia and Africa; critical analysis of different forms of art & architecture in the 19Th and 20th centuries of SAARC countries; Peoples reaction and acceptance of this form of art and architecture.

WEEK	TOPIC	TEACHING LEARNING STRATEGY (ID, VP, LDM, PD, WB) <sup>1</sup>	ASSESSMENT STRATEGY (Test/ Assignment/ Quizzes)	CORRESPON DING CLOs
1	Roots of modernity in the 18th and 19th Century, The impact of technology and society on Modern Architecture  British Colonial Views in the Sub-continent	ID, LDM, VP, WB	-	CLO 1, CLO 2, CLO 3, CLO 4
2	19th Century Neo-Classicism, Gothic Revival  Late Colonial Style/Anglo Indian Style	-do-	-	CLO 1, CLO 2, CLO 3, CLO 4
3	19th Century: The Ecole Des Beaux-Arts (School of Art), New possibilities: Iron, Steel, Concrete in the 19th century  Modern Architecture in Bangladesh: Muzharul Islam	-do-	Class test 01	CLO 1, CLO 2, CLO 3, CLO 4
4	The Early Skyscrapers, Chicago school, New Movements: Art Nouveau , The Search for an American Style, Towards 20th Century Modern Architecture: Elemental Architecture  Bengali Modernism	-do-	-	CLO 1, CLO 2, CLO 3, CLO 4
5	20th Century Modern Architecture: Early Modernism, The First Modern: 1910 - 1920 Reform and Expressionism  Modern Architecture in India: Chandigarh City	-do-	Class test 02	CLO 1, CLO 2, CLO 3, CLO 4
6	The First Modern: 1910 – 1920_ Cubism, Futurism, Roots of the American Passion for Skyscrapers, Art Deco  Modern Architecture in India: State Capitol of Chandigarh	-do-	Assignment 01	CLO 1, CLO 2, CLO 3, CLO 4

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<sup>1</sup> Interactive discussion=ID, Video presentation=VP, Lecture discussion with multimedia=LDM, Panel discussion=PD, white board illustration=WB

WEEK	TOPIC	TEACHING LEARNING STRATEGY (ID, VP, LDM, PD, WB) <sup>1</sup>	ASSESSMENT STRATEGY (Test/ Assignment/ Quizzes)	CORRESPON DING CLOs
7	Modernity Established: The New Beginning and Continuity, The International Style, The Decline of Modernism  Modern Architecture in India: Empiricism vs Rationalism	-do-	-	CLO 1, CLO 2, CLO 3, CLO 4
8	The International Style, The Bauhaus  Modern Architecture in India: Empiricism vs Rationalism	-do-	-	CLO 1, CLO 2, CLO 3, CLO 4
9	The Pioneers of Modern Architecture  Modern Architecture in Pakistan: First Generation	-do-	Class test 03	CLO 1, CLO 2, CLO 3, CLO 4
10	The Evolution of Modern Architecture  Modern Architecture in Pakistan: Younger Generation	-do-	-	CLO 1, CLO 2, CLO 3, CLO 4
11	Post-war modernism  Modern Architecture in Pakistan: Foreign Architects	-do-	Class test 04	CLO 1, CLO 2, CLO 3, CLO 4
12	Modern Architecture in Srilanka: Tropical Modernism	-do-	Assignment 02	CLO 1, CLO 2, CLO 3, CLO 4
13	Conclusion: Modern Architecture Today, Critiques of Modern Architecture  Modern Architecture in Srilanka: Tropical Modernism	-do-	-	CLO 1, CLO 2, CLO 3, CLO 4

## Part C

15	<b>ASSESSMENT AND EVALUATION</b>	<b>ASSESSMENT STRATEGY</b>  <b>CLASS TEST:</b>  A total of 4 class tests will be taken during the semester, 2 for each part (part A and part B). The marks of these class tests
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		<p>will be counted in 20. At the end of the semester, the average mark of 3 of these class tests will count for the final grade. Marks from the class test with the highest marks for each student will be counted.</p> <p>STUDENT PRESENTATION</p> <p>Students will be required to study a topic and present it to the entire class at various points during the semester. These presentations can be done in groups or individually, depending on the requirement of the assigned topic. The presentation may make use of audio-visual learning tools. Course teachers will accommodate the marks to be counted besides class test marks.</p> <p>ASSIGNMENT</p> <p>Apart from class tests and presentations, course teachers may assign additional assignments to benefit the students during the semester. Course teachers will accommodate the marks to be counted besides class test marks.</p> <p>SEMESTER FINAL</p> <p>At the end of the semester, a semester final exam will take place. The total mark of this exam is 60 for both parts, meaning each part (part A and part B) will hold 30 marks.</p>
		<p>MARKS DISTRIBUTION</p> <p>The mark from class attendance, Class tests/ presentation/ assignment/ and semester final will be added to calculate the entire course marks for each student. The details of the strategy can be found in the following table of CIE - Continuous Internal Evaluation provided to each student.</p> <p>Final Marks (100) = Class Participation and Attendance (10) + Class Test (20) + Assignment/ Project/ Viva-voce/ Presentation/others (10) + Semester Final Examination (60)</p>
		<p>MAKE-UP PROCEDURES</p> <p>Assignment</p>

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### CIE- CONTINUOUS INTERNAL EVALUATION (40 MARKS)

BLOOM'S CATEGORY	CLASS TEST (20 MARKS)	ASSIGNMENT/ PROJECT/VIVA-VOCE/ PRESENTATION/ OTHERS (10 MARKS)	CLASS PARTICIPATION AND ATTENDANCE (10 MARKS)
Remember	2		10
Understand	2		
Apply	5		
Analyse	4	3	
Evaluate	4	2	
Create	3	5	

### SMEE-SEMESTER/YEAR MID & END EXAMINATION (60 MARKS)

BLOOM'S CATEGORY	TEST MARK
Remember	
Understand	
Apply	
Analyse	
Evaluate	
Create	

## Part D

16	LEARNING MATERIALS	<b>RECOMMENDED READINGS</b>  1. Modern Architecture: A Critical History by Kenneth Frampton,  2. Modern Architecture Since 1900 by William J. R. Curtis
		<b>SUPPLEMENTARY READINGS</b>  1. Towards a New Architecture by Le Corbusier,  2. A Pattern Language: Towns, Buildings, Construction by Christopher Alexander, Sara Ishikawa, and Murray Silverstein
		<b>OTHERS</b>  N/A