Course Outline

Arch 4105: Landscape Architecture

Part A

1	Course No./Course Code	**Arch 4105**
2	Course Title	**Landscape Architecture**
3	Course Type (GEd/Core Course/Electives/….)	**Elective Course**
4	Year/Semester and Section	**4th/Odd**
5	Academic Session	
6	Course Instructor	**Md. Asaduzzaman, Nazia Afrin Trina**
7	Prerequisite (If any)	**Nil**
8	Credit Value	**2.00**
9	Contact Hours	**2.00**
10	Total Marks	**100**
11	Rationale of the Course	This course will provide students with foundational knowledge of Landscape architecture, its history, types of landscaping; site analysis and design. Introduction to plant, plantation, and other landscaping materials and their uses; application to design problems.
12	Course Objectives	1. Provide a comprehensive understanding of the historic and theoretic concepts of landscape architecture. 2. Understand Historical development, Design Principles, salient features & elements of various gardens in history. 3. Apply Different features of land and topography as landscape elements and use them as tools of landscape design.

		4. Design with knowledge of environmental and contextual influences on landscape architecture.
	Course Learning Outcomes (CLOs)	After completing this course students will be able to 1. Demonstrate knowledge about landscape design, its elements and principles, and historical development. 2. Nurture a Critical outlook towards art, design, society, and culture informed by philosophical and scientific methods of thought. 3. Integrate knowledge in the process of landscape design and related creative endeavors.

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

	PLO 1	**PLO 2**	**PLO 3**	**PLO4**	**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	Advance 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
CLO 1	✓	✓					✓					
CLO 2		✓		✓			✓					✓
CLO 3		✓	✓						✓			✓

Part B

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

Introduction; elements and principles of landscape design historical development of landscape concepts, natural cycles in landscaping, types of landscaping; site analysis and design.

Introduction to plant, plantation, and other landscaping materials and their uses; application to design problems.

WEEK	TOPIC (PART B)	TEACHING LEARNING STRATEGY (ID, VP, LDM, PD, WB, HD)[1]	ASSESSMENT STRATEGY (Preliminary, Test, Report, presentation, quizzes, Viva voce)	CORRESPONDING CLOs
1	Introduction to the landscape design	ID, LDM	-	CLO 1
2	Landscape Character and Topography, Historical development of landscape Design	-do-	-	CLO 1
3	Site Planning, Historical development of landscape Design	-do-	Class test 01	CLO 1
4	Site Development, Historical development of landscape Design	-do-	-	CLO 1
5	Landscape Planting, Landscape concepts	-do-	Class test 02	CLO 1,2
6	Landscape Planting, Landscape concepts	-do-	Assignment 01	CLO 1,2
7	Site Volumes, Elements and principles of landscape design	-do-	-	CLO 3
8	Visible landscape, Elements and principles of landscape design	-do-	Class test 03	CLO 3
9	Circulation and Structures, Elements and principles of landscape design,	-do-	-	CLO 3
10	Habitations and Urban Design, Natural cycles in landscaping	-do-	Class test 04	CLO 2

[1] Interactive discussion=ID, Video presentation=VP, Lecture discussion with multimedia=LDM, Panel discussion=PD, white board illustration=WB, Hands on demonstration=HD

WEEK	TOPIC (PART B)	TEACHING LEARNING STRATEGY (ID, VP, LDM, PD, WB, HD)[1]	ASSESSMENT STRATEGY (Preliminary, Test, Report, presentation, quizzes, Viva voce)	CORRESPONDING CLOs
11	Community Planning, Natural cycles in landscaping	-do-	-	CLO 2
12	The Regional Landscape, Spaces in landscaping	-do-	-	CLO 2,3
13	Review Class	-do-	Assignment 02	CLO 2,3

[1] Interactive discussion=ID, Video presentation=VP, Lecture discussion with multimedia=LDM, Panel discussion=PD, white board illustration=WB

Part C

15	**ASSESSMENT AND EVALUATION**	ASSESSMENT STRATEGY CLASS TEST: 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 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. STUDENT PRESENTATION 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. ASSIGNMENT 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. SEMESTER FINAL

		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.
		MARKS DISTRIBUTION 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. Final Marks (100) = Class Participation and Attendance (10) + Class Test (20) + Assignment/ Project/ Viva-voce/ Presentation/others (10) + Semester Final Examination (60)
		MAKE-UP PROCEDURES Assignment

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		
Analyze	4	3	
Evaluate	4	2	
Create	3	5	

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

BLOOM'S CATEGORY	TEST MARK
Remember	
Understand	
Apply	
Analyze	

Evaluate	
Create	

Part D

16	**LEARNING MATERIALS**	RECOMMENDED READINGS 1. Simonds, J. O., and Starke, B., (2006) Landscape Architecture, 4th Edition, McGraw-Hill Professional. 2. Swaffield, S. (Ed.). (2002). Theory in landscape architecture: A reader. University of Pennsylvania Press. 3. Stealer, F.R., (2008) The living Landscape: An Ecological Approach to Landscape Planning, 2nd Edition, Island Press. 4. Root, James B., (1985) Fundamental of Landscape & Site planning, AVI Pub. Co. 5. Motloch, J. L. (2000). Introduction to landscape design. John Wiley & Sons.
		SUPPLEMENTARY READINGS 1. Eckbo, G., (1964)Urban Landscape design, London: McGraw-Hill Book. 2. Gary, R., and McClennon, C., (1983) Landscape planning for energy conservation, Van Nostrand Reinhold Publisher. 3. Francis, M. (2001). A case study method for landscape architecture. Landscape journal, 20(1), 15-29. 4. Makhzoumi, J. M. (2000). Landscape ecology as a foundation for landscape architecture: application in Malta. Landscape and Urban Planning, 50(1-3), 167-177.
		OTHERS N/A