

Course Plan - MLAR 212

Landscape Economics, Project Management,
Horticultural Practice and Professional Practice

Dr Godwin Emmanuel Jeyaraj, Visiting Professor.

Course structure

The syllabus is divided into five units: Landscape Economics, Economic Valuation, Landscape Management, Project Management, and Professional Practice. The course is organized each week into 1 hour of content delivery plus a 2-hour student assignment/activity.

16-week Lesson plan

Week	1-hour content focus	2-hour Assignment / student activity	Evaluation
1	Course introduction; overview of landscape economics and professional practice; link between economics, management, and design,	Read the syllabus, identify one local landscape project, and list possible economic and management concerns	Diagnostic quiz
2	Unit I: Cost and benefits of open space development; tangible and intangible costs	Prepare a short cost-benefit note for a park, street, or campus open space	Quiz 1
3	Capital cost, maintenance cost, rehabilitation cost, and unit cost of development	Create a simple cost table for a hypothetical open space project	Objective worksheet
4	Land assembly for urban development; legal, social, cultural, and incentive issues	Case discussion on land acquisition or public open-space development	Quiz 2
5	Unit II: Economic valuation of fragile and unique landscapes; introduction to valuation methods	Write a short valuation exercise for a wetland, heritage landscape, or urban green space	Assignment 1
6	Methods for determining landscape-derived economic benefits	Compare two valuation methods and state where each is useful	Quiz 3
7	Recap and problem-solving; prepare for mid-semester assessment	Revision sheet and model answers based on Units I-II	Pre-test review

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8	Mid-semester test on Units I and II ¹⁴	Test-based application task or reflective correction exercise	Mid-semester test
9	Unit III: Landscape management at regional scale; soil conservation and water management	Prepare a regional landscape management map or note	Quiz 4
10	Grassland, forestry, and agriculture in landscape management	Compare management strategies for two landscape types	Assignment 2
11	Urban ecology and urban habitats; urban forests, river banks, regional parks, green belts	Site observation report on an urban green system	Quiz 5
12	Ecological, economic, and administrative issues; management models	Prepare a management model diagram for an urban landscape system	Objective test
13	Unit IV: Types of projects, project stages, project management process	Break down a landscape project into stages and deliverables	Quiz 6
14	Time and cost management; project life cycle	Develop a simple project schedule and cost-control sheet	Assignment 3
15	Unit V: Regulations, legal aspects, contract procedure, contract documents, client types, scope of work	Draft a basic scope of work or consultancy note for a landscape project	Quiz 7
16	Forms of agreement, conditions of engagement, professional fees, code of conduct; course wrap-up	Final review presentation or submission portfolio covering all units	End-semester Presentation

Evaluation plan

- Weekly quizzes: 15%.
- Assignments and case studies: 25%.
- Mid-semester test: 20%.
- End-semester Presentation: 40%.