



PORTFOLIO
Department of Agrotechnology
Faculty of Agriculture
University of Islam Malang

Subject	Landscape Architecture
Module Level, if available	Undergraduate Study Program of Agrotechnology
Subject Code	MKP 60607
Type of course	Applied Science
Credits	2 credits/ 5.1 ECTS
Semester	5
Prerequisite	Horticultural Crop Cultivation Techniques
Parallel Class	A
Module Description	Module Description This Landscape Architecture course is an optional learning course taken by undergraduate students of the Agrotechnology Study Program in the sixth semester, weighing 2 credits. Through this course, students are expected to be able to explore the meaning of gardens, garden functions, types of gardens, be skilled in making garden plans, design garden buildings, be skilled in planting and maintaining gardens.
Learning Outcomes	Course Learning Outcomes (CLO) CLO 1 Mastering the theoretical concepts that support the Constitutional Court of Landscape architecture CLO 2 Skilled in garden planning CLO 3 Able and skilled in gardening. CLO 4 Able and skilled in garden maintenance
Learning Content	After completing this subject students are able to: 1. Students are expected to be able to explore the meaning of gardens, garden functions, types of gardens. 2. be skilled in making garden plans, design garden buildings, be skilled in planting and maintaining gardens. 3. The assessment is carried out both in the process of reviewing the criteria, the process of working on the project, and also the quality of the resulting product.
Aims	Objectives Students have competence in designing and working on a garden and maintaining it so that it will facilitate their role later if they become an agrotechnopreneur
Teaching Methods	Teaching Methods Some of the methods applied in this course consist of lectures, assignments, and group presentations
Participant	A class: 34 students in total; 7 th semester = 32 students; 9 th semester = 1 student, 11 ^h semester = 1 students;
Teaching Attendance	14 meetings were completely held (100%) by lecturer Class A From 34 students, 1 student were below 100% of attendance Class A
Evaluation System	Component of assessment on this course consist of regular assignment, midle semester test and final semester test, presence and practice. All these

	<p>component are then combined to obtain final score. Scoring matrices and question samples are available in Appendix 1</p>
Learning Result	<ul style="list-style-type: none"> • Achievement CLO in A Class <ul style="list-style-type: none"> CLO 1 = 77.380 (Excellent) CLO 2 = 77.30 (Excellent) CLO 3 = 76.84 (Excellent) CLO 4 = 77.18 (Excellent) <p>Complete achievement on average CLO can be seen on Appendix 3</p>
Statistical Distribution	<p>Class A, score distribution: A = 16 students (47.06%), B = 18 students (52.94 %), C</p> <p>Complete achievement on each per student can be seen on Appendix 4</p>
Teaching Observation	<p>Materials were delivered in Indonesia. The student could understand the materials well.</p>
Learning Constraints	<p>A and B Class: Lack of practice in the field makes it difficult for students to understand the process Design garden</p>

Recommendation	Class A students practice garden planning and design
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Appendix 1. Scoring Matrix

Nomenclature	Weight	Final Score	
		Letter Mark	Score average
Assignment	20%	A	80 – 100
Midle semester test	35%	B	70 - <80
Final semester test	35%	C	55 - <70
Presence	10%	D	50 - < 55
		E	0 - <50

Appendix 2. Question samples

1. A beautiful garden which requires ground cover in the form of grass and hedges
 - a. Planting grass vegetatively and generatively, why would anyone do generative propagation?
 - b. There are three ways to plant vegetatively, for a large garden what is the most efficient way ?
 - c. Good hedges from shrubs are dense, how to get them

2. Garden buildings include trash cans, park benches, ponds and walkways
 - a. What are the things that must be considered in making a trash can? in public
 - b. What things must be considered in making park benches
 - c. What things must be considered in making the path
 - d. People often want a clean pond, with fish and plants the water. How to do it

2. A clean and healthy garden requires good care.
How to do maintenance to keep the garden beautiful

4. A mother wants to make a garden in front of her house with a land size of 6 m long and 3 m wide. Mother's family of 4 people with children aged 5 and 12 years. The house faces east so it gets enough sunlight, the land is flat. Your task is to design the garden

Appendix 3. Achievement of CLO

Class A

Meetings	CLO 1 (%)	CLO 2 (%)	CLO 3 (%)	CLO 4 (%)
1	76.56			
2	78.03			
3	77.06			
4		77.09		
5-6		77.91		
7	77.88			
8			75.56	
9	78.00	76.91	77.44	
10-11		76.91	77.21	
12			77.21	
13			77.18	
14				77.18
Average	77.38	77.30	76.84	77.18
Predicate	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT

Standard

Std num-based AI		Weighted avg LO based AI	
70 <= AI	HIGH	70 <= AI	EXCELLENT
60 <= AI < 70	MEDIUM	60 <= AI < 70	SATISFACTORY
50 <= AI < 60	LOW	50 <= AI < 60	DEVELOPING
AI < 50	VERY LOW	AI < 50	UNSATISFACTORY

NO	NIM	Nama	CLO 1	CLO 2	CLO 3	CLO 4
1	21601031039	Edwindra Pandeka B	78.25	76.00	72.75	75.00
2	21501031090	Farsi Antoni	76.25	75.00	74.50	75.00
3	21701031003	SeptianWidhiarto	80.50	80.00	79.50	80.00
4	21701031005	Dodi Aditian	75.25	76.67	73.50	73.00
5	21701031010	Intan Nur Fatimah	72.25	75.00	76.25	75.00
6	21701031013	Saiful Arif Zain	80.00	80.00	80.00	80.00
7	21701031015	Mochamad Rizky H	78.75	80.00	81.00	80.00
8	21701031017	Achmad Febry	74.50	73.33	75.75	78.00
9	21701031019	Irfan Sidiq	81.25	78.33	78.75	83.00
10	21701031020	Faisal Tamin	74.50	74.33	74.50	80.00
11	21701031021	Alasri	72.50	75.00	75.75	78.00
12	21701031023	Nizar Nufikha Dwi	81.25	80.00	80.75	75.00
13	21701031031	Agus Suprianto	81.75	78.33	80.00	84.00
14	21701031033	Muhammad Ilham A	80.25	80.00	80.50	80.00
15	21701031035	Aprilia Dwi Nastiti	80.00	81.67	79.50	75.00
16	21701031041	Nurul Aini	79.50	81.67	75.25	78.00
17	21701031042	Zainal Abidin	75.00	75.00	79.50	75.00
18	21701031044	Irfan Nawawi	79.50	77.67	75.25	85.00
19	21701031047	Diana Yusuf Adi	75.75	75.00	82.50	75.00
20	21701031053	Frisqilayanti	79.75	81.67	74.50	78.00
21	21701031054	Denny Febriyanto	80.00	81.67	79.50	79.00
22	21701031060	Rifdha Hasna	76.50	75.00	79.00	75.00
23	21701031063	Mughtar Abdul Latif	76.75	75.00	74.00	75.00
24	21701031064	M Iqbal Nasrullah	76.50	75.00	74.50	75.00
25	21701031065	Ekka Eizki Fajar Anam	76.75	75.33	74.50	75.00
26	21701031067	Dhurotul Roaidha	77.50	81.00	82.00	80.00
27	21701031069	Muhamat Ikhsan	78.50	76.00	73.50	75.00
28	21701031071	Muhammad Ali Prawira	76.00	75.00	75.00	73.00
29	21701031072	Alan Dwi Setiawan	76.25	75.00	74.50	75.00
30	21701031075	Mahmud Fajar Priyanto	75.75	75.00	75.00	75.00
31	21701031076	Muhammad Alwi Hasan	76.25	75.00	74.50	75.00
32	21701031081	Grabrilla Fergiawan Lis	75.25	75.00	75.00	75.00
33	21701031092	Rosita Sofi	75.00	75.00	75.50	75.00
34	21701031093	Ibnu Kurniawan Supria	80.75	81.00	78.25	80.00

