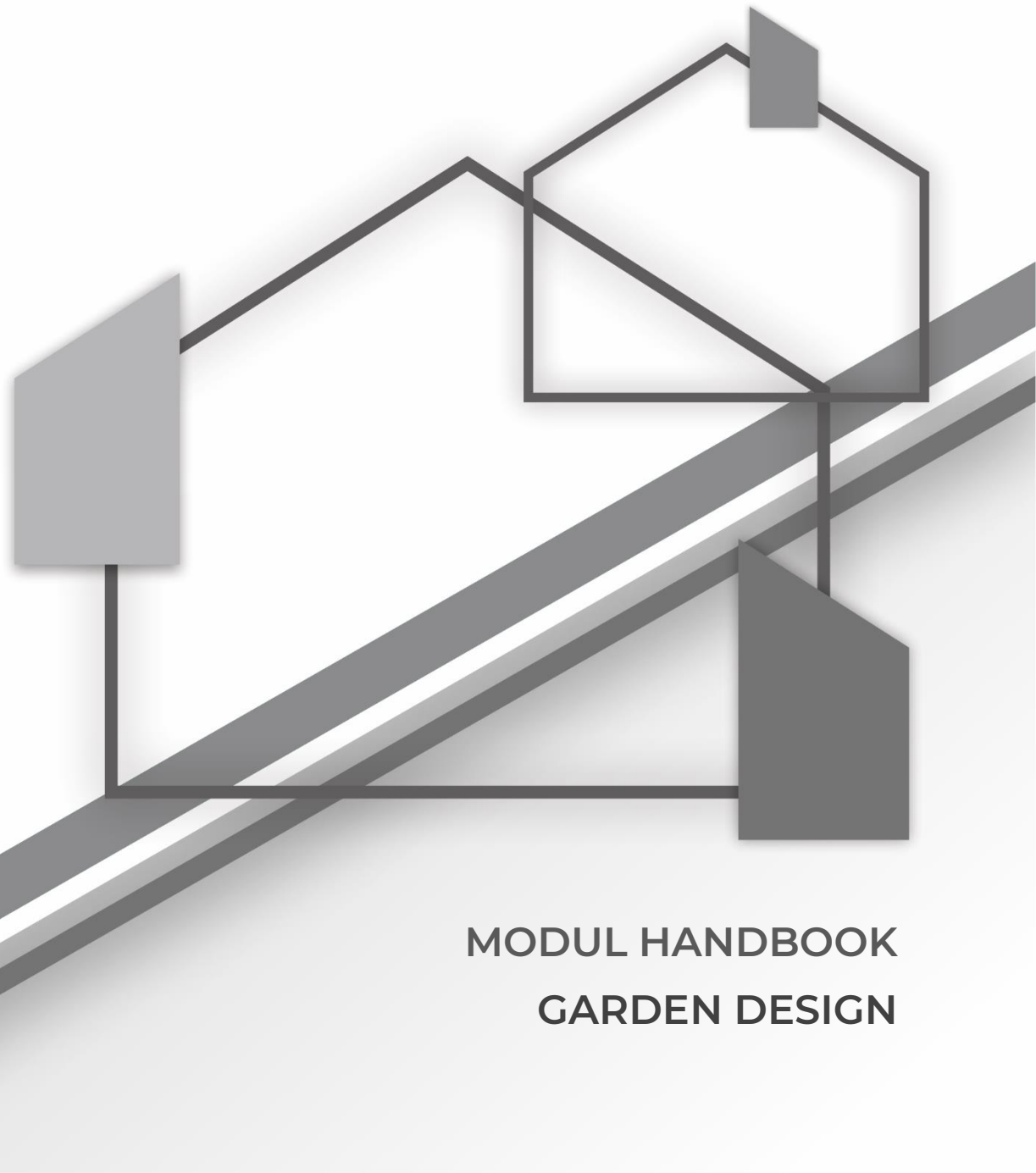




MODUL HANDBOOK GARDEN DESIGN

Bachelor Degree Program
Department of Interior Design
Faculty of Creative Design and Digital Business

Institut Teknologi Sepuluh Nopember



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Description of Course Unit

Course unit title	Garden Design
Course unit code	DI184525
Type of course unit (compulsory, optional)	optional
Level of course unit (according to EQF: first cycle Bachelor, second cycle Master)	first cycle Bachelor
Year of study when the course unit is delivered (if applicable)	3 rd year
Semester/trimester when the course unit is delivered	5 th semester
Number of ECTS credits allocated	4,8 Credits
Name of lecturer(s)	Lea Kristina Anggraeni, S.T., M.Ds. Anggri Indraprasti, S.Sn., M.Ds. Onna Anieqo Tanadda, S.Ds., M.Ds.
Learning outcomes of the course unit	<ol style="list-style-type: none"> 1. Students can define the meaning of garden design 2. Students can choose natural elements and artificial garden elements according to the design theme 3. Students know the basics of design in planning a garden according to style/concept. 4. Students can formulate several Park alternatives in 1 initial design concept proposal 5. Students can develop garden designs in the form of visualization of working drawings 6. Estimating budget costs for proposed Garden Design projects 7. Able to realize the proposed Garden Design 8. Able to consider garden maintenance aspects
Mode of delivery (face-to-face, distance learning)	face-to-face
Prerequisites and co-requisites (if applicable)	-
Course content	<ol style="list-style-type: none"> 1. Design elements and principles 2. Material Character 3. Project Costs 4. Design Ethics
Recommended or required reading and other learning resources/tools	<ol style="list-style-type: none"> 1. Gonzalez, M. T., & Kirkevold, M. (2015). Clinical use of sensory gardens and outdoor environments in Norwegian nursing homes: A cross-sectional e-mail survey. <i>Issues in Mental Health Nursing</i>, 36(1), 35–43. https://doi.org/10.3109/01612840.2014.932872 2. Gueib, C., Pop, A., Bannay, A., Nassau, E., Fescharek, R., Gil, R., Luc, A., & Jonveaux, T. R. (2020). Impact of a healing garden on self-consciousness in patients with advanced Alzheimers disease: An exploratory study. <i>Journal of Alzheimers Disease</i>, 75(4), 1283–1300. https://doi.org/10.3233/JAD-190748 3. Ahmadi, A. & Enteshari Najafabadi, A. (2022). Restoration of palaces and gardens of Isfahan in the Seljuq period based on historical documents. <i>Cultural History Studies</i>, 14(53), 1-25.

	<ol style="list-style-type: none"> 4. Alemi, M. (2012). Symbolism in Persian Garden; The Sense of Nature in the Royal Safavid Gardens. <i>MANZAR</i>, 3(17), 6-13. 5. Barati, N., Alehashemi, A. & Minatour Sajjadi, A. (2018). Iranian Worldview and Axial Pattern in Persian Garden. <i>MANZAR</i>, 9(41), 6-15. 6. Xu JS. Japanese Landscape Architecture and Chinese Culture. Shanghai: Shanghai Peoples Publishing House. 2007. 7. Shi SB. Conflicts among schools of Confucianism in its localization in Japan. <i>Academic Forum</i> 2013; 36(10):108-112. DOI: https://doi.org/10.16524/j.45-1002.2013.10.007 8. Ji C. The Craft of Gardens. Edited by YC Liu. Nanjing: Jiangsu Phoenix Literature and Art Publishing House. 2015. 9. Sun YP. "Japanese Taoism" or "Taoism in Japan": A review and reflection on research on Japanese Taoism of the past century. <i>Studies in World Religions</i> 2016; 2016(6):77-85. Available at: https://www.360docs.net/doc/e56823041-7.html 10. Qiu CL. Design and Culture. Chongqing: Chongqing University Press. 2009.
Planned learning activities and teaching methods	Problem-Based Learning, Project-Based Learning and Blended Learning
Language of instruction	Indonesia and English
Assessment methods and criteria	Assignment, Project, Quiz, Midterm Exam and Final Exam

Learning Outcome (LO)

LO	Description
LO2	Able to think critically and creatively in preparing interior design ideas/ concepts
LO4	Able to present design outputs (process and design results) manually and/ or computer-assisted in 2D and 3D
LO7	Mastering basic knowledge of aesthetics, behavior and technology in the field of interior design
LO10	Able to provide alternative solutions and make the right, creative and innovative decisions related to the field of interior design based on good leadership and communication skills

Course Learning Outcome (CLO)

CLO	Description	Mapping of CLO to LO				Weight of CLO (%)
		LO 2	LO 4	LO7	LO10	
CLO1	Able to categorize the types and characteristics of plants, planting equipment and treatment of plants			x		35
CLO2	Understand and be able to make garden designs on building interiors, determine types of planting techniques, determine the right types of plants, determine treatment in the existing environment	x	x	x	x	25
CLO3	Able to create interior business by utilizing plants (Ecoprint/cocodema/terrarium/potscaping/a quaponik)	x		x	x	20
CLO4	Able to make Garden Design Concepts on real Projects/Buildings, make RAB, visualize designs and present them	x	x	x	x	20

Assessment Plan

No.	Course Learning Outcomes*	Assessment Technique	Assessment Weight (%)
1.	CLO1 Able to categorize the types and characteristics of plants, planting equipment and treatment of plants CLO2 Understand and be able to make garden designs on building interiors, determine types of planting techniques, determine the right types of plants, determine treatment in the existing environment	Indoor and Outdoor Plant Catalog (Case Method)	10
2.	CLO1 Able to categorize the types and characteristics of plants, planting equipment and treatment of plants CLO2 Understand and be able to make garden designs on building interiors, determine types of planting techniques, determine the right types of plants, determine treatment in the existing environment	Plant Artistic Program in Interior (Case Method)	10
3.	CLO1 Able to categorize the types and characteristics of plants, planting equipment and treatment of plants CLO3 Able to create interior business by utilizing plants (Ecoprint/cocodema/terrarium/potscaping/aquaponik)	Interior Business Using Plants (Case Method)	30
4.	CLO1 Able to categorize the types and characteristics of plants, planting equipment and treatment of plants CLO2 Understand and be able to make garden designs on building interiors, determine types of planting techniques, determine the right types of plants, determine treatment in the existing environment	Garden Design in Interior Design (Case Method)	20
5.	CLO1 Able to categorize the types and characteristics of plants, planting equipment and treatment of plants CLO2 Understand and be able to make garden designs on building interiors, determine types of planting techniques, determine the right types of plants, determine treatment in the existing environment CLO4 Able to make Garden Design Concepts on real Projects/Buildings, make RAB, visualize designs and present them	Garden Design Project (Team-based Project)	30
Total Assessment Weight			100

Learning Outcome Plan

Week	Sub Achievement-Subject Final Ability	Breadth (Learning Material)	Learning Method	Estimated Time	Students Learning Experience	Assessment Criteria and Indicator
1, 2	Able to recognize the types of garden, mention the elements of garden as well as the types of gardening tools	Types of garden, garden elements, types of gardening tools	Introduction Lecture & Brainstorming, Group Discussion, TM: 2x(4x50") Assignment-1: Arranging the list of types of plants, garden elements, and types of gardening tools	2 meetings / lectures @ 120 minutes	Table	Legibility in explaining garden elements, tools and treatments
3	Understand and recognize the environmental and existing condition	Environmental/existing condition	Introduction Lecture & Brainstorming, Group Discussion, TM: 2x(4x50") Assignment-2: Arranging the list of environmental and existing condition	1 meeting / lecture @ 120 minutes	Table and data	The depth of understanding environmental conditions
4	Able to select the indoor and outdoor garden elements according to the design theme	Indoor and outdoor garden elements according to the design theme	Introduction Lecture & Brainstorming, Group Discussion, TM: 2x(4x50") Assignment-3: Arranging the list of indoor and outdoor garden elements according to the design theme	1 meeting / lecture @ 120 minutes	Field survey and table	The accuracy of choosing garden elements according to the design theme

5	Able to explain the characteristics of each garden elements	Garden elements characteristics	Introduction Lecture & Brainstorming, Group Discussion, TM: 2x(4x50") Assignment-4: Arranging the list of garden elements characteristics	1 meeting / lecture @ 120 minutes	Data	The accuracy of explaining the characteristics of garden
6	Able to create some alternatives for garden design in 1 proposal of initial design concept	Initial design concept	Introduction Lecture & Brainstorming, Group Discussion, TM: 2x(4x50") Assignment-5: Arranging initial design concept	1 meeting / lecture @ 120 minutes	Concept	Legibility in creating a concept
7	Able to identify garden elements according to characteristics of each users and existing conditions	Characteristics of each users and existing conditions	Introduction Lecture & Brainstorming, Group Discussion, TM: 2x(4x50") Assignment-6: Arranging the list of characteristics of each users and existing conditions	1 meeting / lecture @ 120 minutes	Data	The accuracy of identifying garden elements according to characteristics of user and existing
8						
9, 10	Able to give examples of atmosphere and nuance of the designed garden in a mood board. Estimating cost budget on proposed garden design project.	Design Component Landscape Architecture	Introduction Lecture & Brainstorming, Group Discussion, TM: 2x(4x50") Assignment-8: Arranging examples of atmosphere and nuance of the designed garden in a mood board. Estimating cost budget on proposed garden design project.	2 meetings / lectures @ 120 minutes	Mood board Budget plan table	Legibility in creating mood board. The accuracy of creating a budget plan.

11	Able to develop garden design in the form of engineering drawings	Design Component Landscape Architecture	Introduction Lecture & Brainstorming, Group Discussion, TM: 2x(4x50") Assignment-9: Developing garden design in the form of engineering drawings	1 meeting / lecture @ 120 minutes	Drawings	Legibility in developing design in the form of drawings
12	Able to compose a proposal and establish cooperation with companies for design implementation	Design Component Landscape Architecture	Introduction Lecture & Brainstorming, Group Discussion, TM: 2x(4x50") Assignment-10: Composing a proposal and establishing cooperation with companies for design implementation	1 meeting / lecture @ 120 minutes	Proposal	Completeness in composing proposal according to the cooperation brief
13	Able to present garden design concept in writing and verbally, both 2D and 3D	Design Component Landscape Architecture	Introduction Lecture & Brainstorming, Group Discussion, TM: 2x(4x50") Assignment-11: Presenting garden design concept in writing and verbally, both 2D and 3D	1 meeting / lecture @ 120 minutes	Concept	The accuracy in creating a concept
14, 15	Able to implement the design with the form of material preparation, planting, maintaining, and decorating the garden	Design Component Landscape Architecture	Introduction Lecture & Brainstorming, Group Discussion, TM: 2x(4x50") Assignment-12: Implementing the design with the form of material preparation, planting, maintaining, and decorating the garden	2 meetings / lectures @ 120 minutes	Garden	Legibility in design implementation

REFERENCES (max 5)

1. Manan, Rustam Hakim, (2012). Komponen Perancangan Arsitektur Lansekap. Penerbit PT Bumi Aksara, Jakarta
2. The Poetics Garden
3. Catalogue of Tropical Decorative Plants
4. Design with nature

Note:

* presentation