Course title	**Garden/Landscaping Design Plan**				
Course code	**GALA1202**				
Course type	**Lectures and practical application**				
Level	Higher Diploma				
Year / Semester	1st Year / 2nd Semester				
Teacher's name	Demetris Tsimouris				
ECTS	6	**Lectures / week**	1	**Laboratories / week**	2
Course purpose and objectives	The goal of the course is to equip the students with the theoretical knowledge and practical skills required for designing and implementing aesthetically pleasing and functional gardens and landscapes. Through practical exercises and case studies, the students will develop the ability to create comprehensive landscape designs that combine aesthetics and functionality. The course explores design methods of observation and spatial relationships within composition. The students will gain proficiency in design through hands-on practice with various tools and techniques.				
Learning outcomes	Upon completion of the course, students are expected to: **Theoretical Learning Outcomes:** 1. **Explain** the fundamental principles and theories of landscape design, such as balance, symmetry, colour harmony, and texture. 2. **Comprehend** the climatic and soil requirements of plants, as well as the use of hard materials like stone, wood, and metal in landscape elements. **Practical Learning Outcomes:** 3. **Design** to scale and depict objects with three-dimensional form in two-dimensional drawings. 4. **Prepare** plans for existing gardens, buildings, and outdoor spaces using sections, elevation, and perspective drawing. 5. **Create** freehand drawings that emphasise the three-dimensional aspects of an object. 6. **Complete** a set of working drawings for residential landscape design. 7. **Integrate** designs into garden and landscape architecture projects.				
Prerequisites			**Required**		
Course content	**Week 1-2 Introduction to Landscape Design** ***Lecture:*** • Demonstration of basic design techniques • Selection of appropriate design tools to complete design media • Measurements using standard scales and measurement tools • Intuitive measurement practices in horticulture • Freehand sketching skills • Types of drawings: topographic maps, conceptual designs, construction drawings, details and drawings, working drawings for residential landscape design, and image-based drawings				

- Basic plans for garden construction
- Definition and verification of dimensional details

Week 3

Lecture:

- Principles of landscape design and planting design

Laboratory Practice:

- Landscape design and planting design

Week 4

Lecture:

- Principles of Functional Diagrams - Concept Plan

Laboratory Practice

- Functional Diagrams - Concept Plan

Week 5

Lecture:

- Preparation of material schedules

Laboratory Practice

- Preparation of material schedules

Week 6-7

Lecture:

- Introduction to Landscape Plans - Flower Beds

Laboratory Practice

- Landscape Plans - Flower Beds

Week 8

Lecture:

- Parking Areas - Terraces – Medians

Laboratory Practice

- Parking Areas - Terraces – Medians

Week 9-10

Lecture:

- Introduction to Landscape Plans - Rock Gardens

Laboratory Practice

- Landscape Plans - Rock Gardens

Week 11-12 :

Lecture:

- Design of Small Gardens

Laboratory Practice:

- Design of Small Gardens

Course Breakdown

Week	Teaching Content	Teaching Process
Weeks 1–2	Introduction to landscape design techniques, drawing types, measurement tools, and sketching.	Lecture
Week 3	Principles of landscape and planting design. Laboratory Practice on the above	Lecture and Laboratory Practice
Week 4	Functional diagrams and concept planning. Laboratory Practice on the above	Lecture and Laboratory Practice
Week 5	Material schedules for landscape design. Laboratory Practice on the above	Lecture and Laboratory Practice
Weeks 6–7	Landscape plans with a focus on flower beds. Laboratory Practice on the above	Lecture and Laboratory Practice
Week 8	Design elements: parking areas, terraces, medians. Laboratory Practice on the above	Lecture and Laboratory Practice
Weeks 9–10	Landscape plans focusing on rock gardens. Laboratory Practice on the above	Lecture and Laboratory Practice
Weeks 11–12	Design of small gardens. Laboratory Practice on the above	Lecture and Laboratory Practice

Teaching methodology	**Theoretical Instruction:** The lectures will be delivered through an interactive, student-centered approach, encouraging active participation and critical thinking. Each session will begin with an introduction to the theoretical concepts and principles as well as the tools and philosophy behind landscape design, followed by the practical application of the new knowledge, as also described below.

	Practical Instruction: The practical sessions are designed to reinforce theoretical knowledge through hands-on work in the laboratory. Students engage in laboratory-based activities that include the landscape design and planting design, functional diagrams, parking areas, rock gardens and more.
Bibliography	**Greek Bibliography** • Συλλογικό έργο (2012). Τα πάντα για την κηπουρική (Σχεδιασμός και στίλ κήπου, καλλωπιστικά δέντρα) : Δέντρα, λουλούδια, θάμνοι, οπωρολαχανικά, κήποι, καλλιεργητικές εργασίες, φυτοπροστασία, εξοπλισμός (Η πρακτική εγκυκλοπαίδεια της γεωπονίας). Τέσσερα ΠΙ Α.Ε. ISBN: 9789605610029 • Hackstein, Herman, μετάφραση Πασχαλία Ρήγα (2009), Λεξικό για βραχόκηπους: Ένας οδηγός για επιτυχημένη κατασκευή και φύτεμα, 1η έκδ., Θεσσαλονίκη, Τζιαμπίρης - Πυραμίδα, ISBN 978-960-6753-18-3 • Brookes, John (2005), Αρχιτεκτονική κήπων: Από τη θεωρία στην πράξη, Ψύχαλος, ISBN 960-8455-04-9 • Wilson, Andrew, μετάφραση Δημήτριος Πετρόπουλος (2005), Ο κήπος, αρχιτεκτονική και σχεδιασμός, 1η έκδ., Ίριδα, ISBN 960-7926-55-2 • Braun, Harald, μετάφραση Σταύρος Παπαδόπουλος (2010), Η διαμόρφωση του κήπου: 400 εντυπωσιακές ιδέες με κείμενο και φωτογραφίες, 1η έκδ., Θεσσαλονίκη, Μαλλιάρης Παιδεία, ISBN 978- 960-457-429-2. **English Bibliography** • Jefferis, Alan (2011), Architectural Drafting and Design, Delmar Cengage Learning, 6th edition, ISBN: 978-1435481626. Flannery, John A. (2008), Urban Landscape Design, teNeues, ISBN: 978- 3832792756.
Assessment	• Attendance and course participation: 10% • Practical Assignments 20% • Intermediary Written Examination: 20% • Final Practical Examination: 50%
	Midterm written examination includes closed-ended questions (e.g., multiple-choice, matching, true/false) and open-ended questions (e.g., short-answer, essay-type, case studies). The duration of the written examination is one academic period and accounts for the 20% of the final grade. The final practical examination, which constitutes 50% of the overall course grade, is designed to assess the students' ability to apply the skills and techniques acquired during laboratory sessions. It focuses on hands-on tasks and the demonstration of procedural knowledge relevant to the course's practical objectives. The duration of the final practical examination is three academic periods. The laboratory learning objectives are also assessed through individual practical assignments, which account for the 20% of the overall grade, and which aim toward the formative assessment of students, focusing on the laboratory practice described in the course breakdown. Student performance is evaluated on a scale of 0 to 100, with a minimum overall passing grade of 60. The final grade is calculated as a weighted average of the theoretical and practical components of the course.
Language	Greek or English