



Jordan University of Science and Technology
Faculty of Agriculture
Plant Production Department

PP324 Landscape Design And Management

Second Semester 2020-2021

Course Catalog

3 Credit Hours. Objectives and principles of landscaping and xeriscaping. The landscape design process, landscape graphics: freehand drawings, concept drawings, drafting, and presentation plans. Computer applications in landscaping. The outdoor room concept. Lawn establishment and maintenance. Maintenance of the landscape. Pricing landscape designs and maintenance.

Text Book

Title	Landscaping principles and practices
Author(s)	Ingels, J
Edition	7th Edition
Short Name	Ref. #1
Other Information	2009 Delmar Cengage Learning.

Course References

Short name	Book name	Author(s)	Edition	Other Information
Ref. #2	Ornamental horticulture: science, operations & management. 4th Edition	Ingels, J.E.	4th Edition	2009 Delmar Cengage Learning.
Ref. #3	THE XERISCAPE GARDEN : The Definitive Guide To Mastering The Act Of Creating A Xeriscape Garden	James Shelby PH.D	1st Edition	Independently Published, 2020
Ref. #4	Encyclopedia of Landscape Design: Planning, Building, and Planting Your Perfect Outdoor Space	Young, C	1st Edition	2020, DK Publishing

Instructor

Name	Dr. Mohammad Al Salem
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Office Location	M1 L2
Office Hours	
Email	mmalsalem2@just.edu.jo

Class Schedule & Room
Section 1: Lecture Time: Mon, Wed : 13:30 - 14:30 Room: 150 منصة الكترونية

Prerequisites		
Line Number	Course Name	Prerequisite Type
623230	PP323 Landscape Plants	Prerequisite / Study

Tentative List of Topics Covered		
Weeks	Topic	References
Weeks 1, 2	Introduction, history, and importance of landscape gardening.	Handouts From Ref. #1
Week 3	Goals of Landscaping (The objectives of residential landscaping)	Handouts From Ref. #2
Week 3	Categories of landscaping (residential, public, commercial, specialty)	Handouts From Ref. #1
Week 4	The principles and elements of landscape design	Ch. 8 From Ref. #1
Week 5	Plant selection	Ch. 7 From Ref. #1
Weeks 6, 7	Narrowleaf evergreens, trees, shrubs, groundcovers, vines, and flowers	Handouts From Ref. #1
Weeks 8, 9	The landscape design process	Ch. 5 From Ref. #1
Weeks 10, 11	Using drawing instruments, Lettering, Graphic materials and techniques, Layering, tone, balance, shadows	Ch. 1, Ch. 2, Ch. 3, Ch4 From Ref. #1
Week 12	Installing landscape plants, Maintaining landscape plants	Ch. 20, Ch. 25 From Ref. #1
Week 13	Low maintenance landscape and Xeriscaping.	Ch. 10 From Ref. #1 , HANDOUTS From Ref. #3
Weeks 14, 15, 16	Selecting the proper turfgrass, Lawn construction and care	Ch. 21, Ch. 22, Ch.26 From Ref. #1

Mapping of Course Outcomes to Program Student Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Learn about history and scope of ornamental gardening and landscaping. [10PLO1]	10%	
Identify landscaping and determine the objectives, principles, categories, and elements of landscaping. [10PLO2, 10PLO3]	20%	

Identify and select different ornamental plant groups and their uses in the landscape [5PLO1, 5PLO3, 10PLO4]	20%	
Learn the landscape design process stages, drawing instruments, materials, and techniques, lettering, labelling, and toning. [15PLO6]	15%	
install and maintain landscape plants. [5PLO5, 5PLO6, 5PLO7]	15%	
Establish low-maintenance landscape and design xeriscape landscape. [4PLO6, 6PLO7]	10%	
Select, establish, use, and maintain of turfgrass. [2PLO1, 3PLO3, 3PLO6, 2PLO7]	10%	

Relationship to Program Student Outcomes (Out of 100%)

PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7
17	10	18	10	5	27	13

Policy

Attendance:	All students are expected to attend every class meeting, scheduled lectures, online activities, and exams on time. Attendance is taken at all lectures. Failure to attend can result in a student being dismissed from the course with a failure score (F) if the absent percentage exceeded 20% of the total number of lectures in the semester. Students who miss any lecture are personally responsible for learning any missed materials or assignments, either from their classmates or from the course eLearning site. Two tardy arrivals will count as one absence.
Examination:	First, second and final examinations must be given at the time specified by admission and registration unit in the university. This applies for all examinations, whether an on-campus or an online exam. No changes in examination dates. No make-up examinations except with official medical reports approved by the dean of the faculty of agriculture. The instructor can verify the identity of the students in the exam room by requesting student university ID. If a student is unavoidably absent from any examination, university regulations will be applied. Graded exams will be given back to students and the questions will be answered and discussed with the students in class or online.
Cheating, Plagiarism and Academic Dishonesty:	Any student who attempts to cheat will be asked to hand over the exam immediately and will be reported to the department head. The case will be handled in accordance with the university's regulations, which include disciplinary penalties as well as the possibility of failure in the course and/or dismissal from the University. Students are expected to complete their assignments themselves. Any kind of plagiarism is prohibited. The university's regulations also apply if there is academic dishonesty and plagiarism of assignment during the course.
Class participation:	Participating in classroom discussion, online discussions, or any type of collaborating in various forms such as forming study groups, helping your classmate with studying are highly encouraged. A student who actively participates in class discussion may receive up to 2% bonus added to the final grade.
Electronic devices:	Electronic devices of any kind (smartphones, tablets, or laptops) must be turned off (without vibration or even silent mode), they should not be seen in the students hands, and they should not be tampered with during class. As an exception, these devices may only be triggered when indicated and used only for illustrative purposes during the teaching process. If you fail to comply with this policy, you will be dismissed on that day and you will be recorded as absent for this class.
Course withdrawal:	Students can only formally withdraw from classes by submitting the online withdrawal form available on the student services portal or at the registration unit according to the university regulations.

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