



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

PP200 Home Gardens (For Non Plant Production And Soil And Irrigation Students)

First Semester 2020-2021

Course Catalog

3 Credit Hours. This is a 3-credit hour, university elective course designed for non-agriculture students. The course covers the following topics: plant groups used in the garden (narrow- and broad-leaf trees and shrubs, vines, and groundcovers); landscape planning, installation, and maintenance; flower gardening; lawn establishment and maintenance; vegetable gardening; growing tree fruits.

Text Book

Title	Practical Horticulture
Author(s)	Rice, L.W. and R.P. Rice, Jr.
Edition	7th Edition
Short Name	Ref. #1
Other Information	2011, Prentice Hall, Englewood Cliffs, New Jersey, USA

Course References

Short name	Book name	Author(s)	Edition	Other Information
Ref. #2	Horticulture : principles and practices	George Acquah	4th Edition	2009, Pearson Prentice Hall

Instructor

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

Class Schedule & Room

Section 1:

Lecture Time: Sun, Tue : 11:30 - 13:00

Room: منصة الكترونية

Tentative List of Topics Covered

Weeks	Topic	References
Weeks 1, 2	Botanical Nomenclature, Anatomy and Physiology of plants	Ch. 2 From Ref. #1
Week 3	Plant Growth and development	Ch. 3 From Ref. #1
Week 4	Plant Propagation	Ch. 5 From Ref. #1
Week 5	Vegetable Gardening Types of vegetables Planning a vegetable garden Planting the garden Vegetable garden maintenance	Ch. 8 From Ref. #1
Week 6	Growing Tree Fruits and Nuts Site selection Incorporating tree crops in the landscape Tree selection	Ch. 9 From Ref. #1
Weeks 6, 7	Dwarf fruit trees Maintenance of fruit tree crops Failure to bear	Ch. 9 From Ref. #1
Weeks 7, 8	Flower Gardening Types of garden flowers Planning the flower garden Preparing and planting the bed Flower garden maintenance	Ch. 11 From Ref. #1
Weeks 9, 10	Home Landscape Planning Homeowner-designed landscape (needs analysis, site analysis, drawings, area layout, choosing plant species) Planting the landscape Post-planting care of the landscape	Ch. 12 From Ref. #1
Weeks 10, 11, 12	Landscape Installation and Maintenance Low-maintenance landscape Pruning landscape plants Watering Fertilizing Weed control	Ch. 13 From Ref. #1
Weeks 13, 14	Lawn Establishment and Care Establishing a new lawn Lawn renovation Lawn maintenance	Ch. 14 From Ref. #1

Mapping of Course Outcomes to Program Student Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Learning basic information about plant classification, anatomy, morphology, growth and development [6PLO1, 4PLO2]	10%	Mid-term Exam
Describing different plant propagation methods [15PLO3, 5PLO7]	20%	Mid-term Exam
Learning home landscape planning, installation, and maintenance [5PLO2, 5PLO3, 10PLO6]	20%	Mid-term Exam, Final Exam
Identification of the different plant groups used in the garden [10PLO1, 10PLO2]	20%	Final Exam

Gardening of vegetables, Fruits and flowers [10PLO3, 10PLO4, 5PLO6, 5PLO7]	30%	Final Exam
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Relationship to Program Student Outcomes (Out of 100%)						
PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7
16	19	30	10		15	10

Evaluation	
Assessment Tool	Weight
Mid-term Exam	50%
Final Exam	50%

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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