

University of Jordan
Faculty of Agriculture
Department of Horticulture & Crop Science

Course title: Cut Flowers Production

Course code: 0601311

Prerequisite: Floriculture 0601211

Instructors:

Name	Office			E-mail
	Number	Phone	Hours	
Prof. Jamal Sawwan	206	2514	Open any time for short visits	jsawwan@ju.edu.jo

Course Objectives:

1. Expose students to the different cut flowers.
2. Train students on the different agricultural practices and methods of handling.

Learning Outcomes:

As students finish this course, they should have gained the following:

A. Knowledge and understanding:

1. The basic procedures in producing cut flowers.
2. The basic methods in harvesting, handling, and packing.
3. The physiological basis for production under controlled environment.

B. Intellectual skills (cognitive and analytical):

1. Ability to organize and programme the production schemes.
2. Be able to solve problems both physiological and environmental facing the production of good quality cut flowers.

C. Subject specifies skills:

1. Knowledge of practices involved in producing high quality flowers.
2. Knowledge of the best environmental factors and their effects on the flower production and quality.
3. Handling of the finished crops.

D. Transferable skills:

1. Gain skills of pinching, pending, pruning, and supporting.
2. Gain skills on effect of environmental factors.

Teaching methods:

- Both lectures and laboratory sessions are to be used in this module.
- This module is designed for 16 weeks with a 2 hrs. of lecturing and 3 hrs. for lab. Every week.
- The lectures are administrated using variable methods depending on the crop discussed.
- The lab. sessions are designed to cover the practical aspects involved in production, seeding, thinning, transplanting, and flowering maintenance.
- Laboratory reports are required.

Tests and evaluations:

- Two mid terms 30% toward the final exam
- Lab. reports and projects 20%
- Final exam 50% { 10% for lab. and 40% for theory }

Field trip

Course contents and schedule:

<u>Topic</u>	<u>No. of lec.</u>
1) Cut chrysanthemum	3
2) Carnations	3
3) Roses	3
4) Snapdragons	3
5) Orchids	3
6) Gladiolus	3
7) Lilies	3
8) Gypsophila	2
9) Cut greens	2
10) Gerberas	2
11) Cut iris	1

Textbook:

No specific textbook is assigned, but the following references are to be used:

1. Introduction to Floriculture. Roy. A. Larson. Forth ed. Academic press. 1980.