

The Hebrew University of Jerusalem

Syllabus

CULTIVATING TURF GRASS AND LAWNS FOR RECREATION AND SPORT - 71340

Last update 10-09-2024

HU Credits: 2

Degree/Cycle: 1st degree (Bachelor)

Responsible Department: Plant Science in Agriculture

Academic year: 0

Semester: 1st Semester

Teaching Languages: Hebrew

Campus: Rehovot

Course/Module Coordinator: Dr. Guy Tamari

Coordinator Email: G_tamari@bezeqint.net

Coordinator Office Hours:

Teaching Staff:

Dr. Guy Tamari

Course/Module description:

This course will present the basics of turf grass and lawn cultivation in Israel for the purposes of landscape, recreation and sport as well as the maintenance principals.

Course/Module aims:

This course will present the basics of turf grass and lawn cultivation in Israel for the purposes of landscape, recreation and sport

Learning outcomes - On successful completion of this module, students should be able to:

The course will introduce to the students all the common varieties of turf grass in Israel as well as the methods to cultivate

Attendance requirements(%):

Teaching arrangement and method of instruction: lectures

Course/Module Content:

History of turf grass cultivation. Common usage, basic biology of the turf grass plant, turf grass and sod planting, infrastructure, drainage, irrigation, weeds and pest control.

Turf maintenance - mowing, Aerification, dealing with thatch, seeding and sprigging.

Required Reading:

NO

Additional Reading Material:

1. Aldous D. E., Chivers I. H.. 2002, Sports Turf & Amenity Grasses. Landlinks press, Australia.

2. Smiley R.W., Dernoeden P. H., Clarke B. B., 2007, *Compendium of Turfgrass Diseases* 3rd edition, the American Phytopathological Society, APS press. USA.

3. Patron A. J., Weisenberger D. V., 2015, *Turfgrass weed control for professionals*, Purdue Extension. USA.

4. Knoop W. E editor, 1997, *The Landscape Management Handbook*, by the Golf Course Superintendents Association of America, Advanstar communication Inc. USA.

Grading Scheme:

Essay / Project / Final Assignment / Home Exam / Referat 100 %

Additional information: