**Turf Internship**

**Hort 2710/4710**

**Spring, Summer, and Fall 2023 Course Syllabus**

**Instructor: Dr. Haibo Liu**

**Office: 258 P & A Building, Clemson University**

**Phone: 864-506-6260**

**FAX: 864-656-4960**

**Email: haibol@clemson.edu**

**Course Description**

This undergraduate level course provides the internship of junior and senior students for turf majors as required course with a total minimum of 3 credit hours with variable credits from 1 to 3 per semester. The student taking the course must sign the internship agreement. The course will not meet at regular hours, but the specific requirements will be assigned to students with corresponding credit hours taking. Normally, if a student to take for one-hour credit (133 hour working experience is required), one final presentation is required; one presentation and two reports are required for two to three credit hours with a minimum of 400 hour working experience; and two internship supervisor evaluations are needed. The students are encouraged to develop their own interests for the length of the internship with variable employers such as golf courses, sports fields, lawn care business, sod farms, and industry sales. The students are encouraged to take Hort2120 and Hort2130 first before taking this turf internship course.

**Course Objectives**

By the conclusion of this course, the student shall:

1. Develop and enhance their work experience and skills;
2. Expand their knowledge learned from their courses into real world situations;
3. Develop connections to future potential employers;
4. Strengthen their capability to be more independently in accomplishing working responsibilities and even leadership skills;
5. Enhance their presentation skills by providing seminars on their internship experiences.

**Class Time and Location -** 1 to 3 hours of undergraduate credit.

Class meeting time and location to be arranged by the instructor.

**Statement of Integrity**

"As members of the Clemson University community, we have inherited Thomas Green Clemson's vision of this institution as a 'high seminary of learning.' Fundamental to this vision is a mutual commitment to truthfulness, honor, and responsibility, without which we cannot earn the trust and respect of others. Furthermore, we recognize that academic dishonesty detracts from the value of a Clemson degree. Therefore, we shall not tolerate lying, cheating, or stealing in any form." ----Clemson University official statement on Academic Integrity.

**Recommended books during the internship**

**Best Golf Course Management Practices 3rd Edition, 2011**

L.B. McCarty

ISBN-13 978-0-13-504709-5

Paper bound

PEARSON Prentice Hall

Or

McCarty, L.B. 2018. Golf turf management. Taylor & Francis, Boca Raton.

978-1-138-47638-7 978-1-138-58406-8

**Sports Fields, 2020**

Puhalla, J., J. Krans, and M. Goatley. 2020. Sports fields: design, construction, and maintenance. Third edition. Wiley, Hoboken, NJ. ISBN: 978-1-119-53475-4

**The Mathematics of Turfgrass Maintenance, 4th Edition**

Nick Christians, Michael L. Agnew

ISBN: 978-0-470-04845-0

Hardcover

176 pages

January 2008

**Managing Turfgrass Pests, Second Edition**

by CRC Press - 519 Pages

Author(s):

Thomas L. Watschke, The Pennsylvania State University, University Park, USA; Peter H. Dernoeden, University of Maryland, College Park, USA; David J. Shetlar, The Ohio State University, Columbus, USA

ISBN-10: 1466555076

**Student Responsibilities**

* **The student must complete the internship agreement form, and have it signed and approved prior to beginning work. All agreement forms must be returned to Dr. Haibo Liu in 258 P&A by May 5, 2023 before summer internship starts.**
* **Due dates (for summer internships) for the reports are: Report I–July 1st, 2023; Report II & Web summary –August 10th, 2023 and a survey conducted in Fall 2023. All reports and the web summary must be sent via email to turf major internship advisor, Dr. Haibo Liu (**[**haibol@clemson.edu**](mailto:haibol@clemson.edu)**).**
* **Fall Semester seminar presentation following the course scheduled on Wed evenings for first seven to eight weeks.**
* **Report to the internship advisor immediately if the internship has been changed or terminated unexpectedly.**
* **Expect the internship advisor’s visits on site if geographically possible during the internship.**

**Grades**

Grades will be based on intern employer feedback evaluations, reports, and seminar presentation.

A 90 - 100

B 80 - 89

C 70 - 79

D 60 - 69

F 59 and below