



Course Prefix/Number/Title: HORT 175 Foliage Plant Identification

Number of Credits: 2

Course Description: This course is designed to give students a background in the growth and care of tropical plants that are commonly sold in the floral and greenhouse industry. Students will learn to identify plants by common and scientific names and will learn how to care for and use these plants in the indoor environment and the outdoor landscape.

Pre-/Co-requisites: None

Course Objectives: To enable the student to gain a broad understanding of tropical foliage plants and to become proficient in the identification, propagation, and production of these plants both in the home and commercial greenhouse environment. Students will become proficient in the tools and techniques used to ensure successful plant growth and development.

Instructor: Peter Keane

Office: Online

Office Hours: TBD

Phone:

Email: peter.keane@dakotacollege.edu

Lecture/Lab Schedule: Molberg Rm.3/TBD

Textbook(s): Simon & Schuster's Guide To Houseplants ISBN 0-671-63218-3

Course Requirements: None

Tentative Course Outline:

Week 1 Plant Identification/What is a Foliage Plant + Plant ID Quiz

Week 2 Common and Scientific Plant Names/Climate Zones + Plant ID Quiz

Week 3 Foliage, Floral and Greenhouse Industry + Plant ID Quiz

Week 4 Cultural/Growing Conditions + Plant ID Quiz

Week 5 Growing Media, Fertilizers and Watering + Plant ID Quiz

Week 6 Indoor and Outdoor Growing Environments / Supplementary Lighting + Plant ID Quiz

Week 7 Propagation Techniques 1 + Plant ID Quiz
Week 8 Propagation Techniques 2, **Mid Term Exam** + Plant ID Quiz
Week 9 Pest and Disease Issues and Control 1 + Plant ID Quiz
Week 10 Pest and Disease Issues and Control 2 + Plant ID Quiz
Week 11 Landscape and Container Planting + Plant ID Quiz

Week 12 Foliage Plant Nutrition and Deficiencies + Plant ID Quiz
Week 13 Reporting and Transplanting + Plant ID Quiz
Week 14 Foliage Plant Pruning and Maintenance + Plant ID Quiz
Week 15 Plant Arranging and Composition + Plant ID Quiz
Week 16 Advancing Your Knowledge / Floriculture as a Career / The Future of Horticulture
Finals Week **Final Exam** + Course Review

General Education Competency/Learning Outcome(s) OR CTE Competency/Department Learning Outcome(s):

Employ industry-specific skills in preparation for workplace readiness
Combine general education and vocational skills curriculum
Demonstrate critical thinking and decision-making

Relationship to Campus Focus:

To develop a solid understanding of the world of Horticulture and how we can form a closer bond with nature through this understanding so that we may live a life that is both harmonious, respectful, and beneficial to others and our amazing planet.

Classroom Policies:

Active class participation

Completing all required readings

Submitting discussions/assignments/projects/exams on time

Engaging with other students

Active campus LAB participation

Student Email Policy:

Dakota College at Bottineau is increasingly dependent upon email as an official form of communication. A student's campus-assigned email address will be the only one recognized by the Campus for official mailings. The liability for missing or not acting upon important information conveyed via campus email rests with the student.

Academic Integrity:

According to the DCB Student Handbook, students are responsible for submitting their own work. Students who cooperate on oral or written examinations or work without authorization share the responsibility for violation of academic principles, and the students are subject to disciplinary action even when one of the students is not enrolled in the course where the violation occurred. The Code detailed in the Academic Honesty/Dishonesty section of the Student Handbook will serve as the guideline for cases where cheating, plagiarism or other academic improprieties have occurred.

Disabilities or Special Needs:

Students with disabilities or special needs (academic or otherwise) are encouraged to contact the instructor and Disability Support Services.

Title IX:

Dakota College at Bottineau (DCB) faculty are committed to helping create a safe learning environment for all students and for the College as a whole. Please be aware that all DCB employees (other than those designated as confidential resources such as advocates, counselors, clergy and healthcare providers) are required to report information about such discrimination and harassment to the College Title IX Coordinator. This means that if a student tells a faculty member about a situation of sexual harassment or sexual violence, or other related misconduct, the faculty member must share that information with the College's Title IX Coordinator. Students wishing to speak to a confidential employee who does not have this reporting responsibility can find a list of resources on the DCB Title IX webpage. -