Course Prefix/Number/Title: HORT175

Number of Credits: 2

Course Description: This class provides the student with the necessary skills and knowledge to correctly identify, maintain and propagate tropical foliage plants that are commonly used in the floriculture, greenhouse and landscape industry.

Pre-/Co-requisites: None

Course Objectives: This course will allow the student to identify, grow, solve pest and disease issues and how to propagate their own plants, as well as how to effectively arrange plants in both indoor and outdoor environments.

Instructor: Peter Keane MCIHort

Office: Online (Blackboard Ultra)

Office Hours: By appointment

Phone:

Email: peter.keane@dakotacollege.edu

Lecture/Lab Schedule: None

Textbook(s): Simon & Schusters Guide to House Plants by Alessandro Chiusoli and Maria Luisa Boriani

Course Requirements: Online courses require the following to build and engage a classroom community of learners:

- ✓ Log in to the course a minimum of three times per week to check for new announcements and course information.
- ✓ Read the assigned texts and papers. It is essential to success in this course.
- ✓ Complete and submit coursework on time.
- ✓ Pace yourself, and make sure that all assignments are completed by the end of the semester.
- ✓ Be an active participant in discussion boards.
- ✓ Communicate with the instructor.

Participation/Discussion Boards: Students are expected to participate in discussion board on topics related to the class throughout the semester. The purpose will be to discuss and learn from each other. It is important that students be respectful of each other's opinions. The requirements for each discussion will be outlined when the discussion begins. In order to be effective, we all must participate and respond to each other in a timely manner. Discussions will be available for one to two weeks and students must complete them during that time frame.

Grading and Evaluation:

Total Point Percentage	Letter Grade
90% and ↑	A
80% - 89.99%	B
70% - 79.99%	C
60% - 69.99%	D
59.99% and ↓	F

Tentative Course Outline:

Weeks 1-3 will introduce you to the basics of plant identification as well as an overview of the wider floriculture industry.
Weeks 4-8 will introduce you to the cultural and propagation skills that you will need to be proficient at in order to be a successful grower.
Weeks 9-10 will cover the vital areas of pest and disease issues and control
Weeks 11-13 will cover landscape use, nutrition and repotting
Weeks 14-15 will cover correct maintenance practice and how to effectively arrange foliage plants
Week 16 explores the future of the horticulture industry and floriculture as a career

Week 1 Plant Identification/What is a Foliage Plant + Plant ID Quiz
Week 2 Common and Scientific Plant Names/Climate Zones + Plant ID Quiz + Plant Choice Assignment Part 1
Week 3 Foliage, Floral and Greenhouse Industry + Plant ID Quiz
Week 4 Cultural/Growing Conditions + Plant ID Quiz + Plant Choice Assignment Part 2
Week 5 Growing Media, Fertilizers and Watering + Plant ID Quiz
Week 6 Indoor and Outdoor Growing Environments / Supplementary Lighting + Plant ID Quiz + Plant Choice Assignment Part 3
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 + Plant Choice Assignment Part 4
Week 11 Landscape and Container Planting + Plant ID Quiz

Week 12 Foliage Plant Nutrition and Deficiencies + Plant ID Quiz + Plant Choice Assignment Part 5
Week 13 Repotting and Transplanting + Plant ID Quiz
Week 14 Foliage Plant Pruning and Maintenance + Plant ID Quiz + Plant Choice Assignment Part 6
Week 15 Plant Arranging and Composition + Plant ID Quiz
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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) <u>OR</u> CTE Competency/Department Learning Outcome(s): This course meets the CTE department learning outcome of employing industry-specific skills in preparation for workplace readiness by:

1. Expanding critical thinking competence and skills application.
   a. Students will develop an understanding of how to identify and use foliage plants in indoor and outdoor settings.
   b. Students will learn the necessary skills to identify and treat a range of pests and pathogens affecting tropical foliage plants.
   c. Students will apply their understanding of how tropical foliage plants can be effectively used in both commercial and non-commercial settings.

Relationship to Campus Focus: This course supports the campus theme of "Nature, Technology and Beyond" by fostering the skills and knowledge necessary to utilize natural, human and technological resources successfully and confidently.

Classroom Policies: This academic environment is open and harassment free. Always be respectful of other students and the instructor.

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.