



Course Prefix/Number/Title: HORT 298-1 (32866) Horticulture Practicum

Number of Credits: 2

Course Description: Course provides students with hands-on experiences within the different aspects of the horticulture industry that occur primarily in the fall. Students will apply concepts discussed in various Horticulture courses offered in the horticulture program. Students will work directly with production, daily operation and management in the greenhouse, specialty crops, hydroponics, pest management and herbaceous landscape. Course study will be based on common activities performed during the fall season.

Pre-/Co-requisites: None

Course Objectives:

Experience the hands-on greenhouse tasks of the fall season

After taking this course, students will be able to: 1.) Demonstrate management principles of the Horticulture Industry and its various components. 2.) Demonstrate skills and capabilities in Horticulture production and operations. 3.) Demonstrate communication and soft skills in a working environment. 4.) Apply learning from the curriculum to a work environment. 5.) Demonstrate supervisory communication and soft skills in a working environment.

Instructor: Todd Kihle

Office: DCB Greenhouse

Office Hours: Wednesday 10:00 a.m.-10:50 a.m.

Phone: 701-263-7169

Email: todd.kihle@dakotacollege.edu

Lecture/Lab Schedule: To Be Arranged

Textbook(s): None

Course Requirements: None

Tentative Course Outline:

Students are expected to meet with instructor as a group to receive instructions and then allowed to complete assigned tasks and projects that would be encountered while working at a commercial greenhouse in the Fall season.

The Horticulture Practicum students will demonstrate various skills and participate in numerous activities over a 16-week period. Course activities schedule will depend on individual student's learning

focus, greenhouse/farm scheduled production, and previous experience in prior practicums. The following list is an example of skills and activities that may be included in this practicum: • Soil Health and Composting • Greenhouse Operations and Production o Seeding o Transplanting o Cloning o Media Prep o Fertilization o Irrigation • Herbaceous Landscape Maintenance and Design • Specialty Crop Production / Harvest • Integrated Pest Management • Sales and Marketing • Field Trips and Turs

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

1. Employ industry-specific skills in preparation for workplace readiness
2. Combine general education and vocational skills curriculums a. Attain a level of technical skills and practices used in the Horticulture Industry in preparation for workplace readiness

Relationship to Campus Focus:

All aspects of horticulture develop a deep appreciation for nature and the scientific world. By utilizing our technological advancements to further the science of horticulture, we can grow in our understanding of nature and share that beauty with future generations.

Classroom Policies:

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.