



**Course Prefix/Number/Title:** Horticulture Practicum Fall – HORT 298

**Number of Credits:** 2

**Course Description:** Course provides students with hands-on experiences of the different aspects of the Horticulture Industry that happen primarily during the Fall. Students will apply concepts discussed in the various Horticulture courses offered in the Horticulture Program. Students will work directly with production, daily operations, and management in greenhouse technology, Specialty crops, hydroponics, aquaponics, pest management and herbaceous landscape.

**Pre-/Co-requisites:** None.

**Course Objectives:** 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 supervisorial communication and soft skills in a working environment.

**Instructor:** Michelle Cauley

**Office:** Molberg 20

**Office Hours:** T / TH – 8:00 – 10:00 a.m.

**Phone:** 701-228-5498

**Email:** [Michelle.cauley@dakotacollege.edu](mailto:Michelle.cauley@dakotacollege.edu)

**Lecture/Lab Schedule:** M/W 2:00 – 3:30

**Textbook(s):** None

**Course Requirements:** Grading is based on a student's ability to demonstrate practices relating to the course objectives. Final letter grades are assigned based on the following criteria:

**A = 90 – 100% of the total points**  
**B = 80 – 89.9% of the total points**  
**C = 70 – 79.9% of the total points**  
**D = 60 – 69.9% of the total points**  
**F = 0 – 59.9% of the total points**

**Tentative Course Outline:**

\*Please note that the instructor reserves the right to modify this syllabus and course requirements at any time to best suit the needs of the students in the course.

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
  - Seeding
  - Transplanting
  - Cloning
  - Media Prep
  - Fertilization
  - Irrigation
- Herbaceous Landscape Maintenance and Design
- Specialty Crop Production / Harvest
- Integrated Pest Management
- Sales and Marketing
- Field Trips and Tours

**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:**

- Students are expected to adhere to the Dakota College at Bottineau greenhouse and farm operations rules and procedures.
- Students are expected to be polite and respectful of the instructor, other students, and any assistant instructors or persons we meet while out on field trips and experiences.
- Be ready and prepared for activities, lectures, hands-on work, travel, etc.
- All assignments are due in a timely fashion. Work can be completed up to a week late for up to 70% credit.
- When in doubt – communicate! Email and office hours are the easiest ways to let your instructor know of any issues or emergencies that arise.

**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 valuable 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.