



Course Prefix/Number/Title: PLSC 298 Hemp Production Practicum

Number of credits: 2 Semester Credits

Course Description: This field of study is designed to help an individual develop skills to produce industrial hemp using environmentally safe methods. Experience hands-on learning including hemp production methods, good agricultural practices, safe postharvest handling, nutrient and pest management.

Pre-/Co-requisites: None

Objectives:

1. To learn the basic principles of industrial hemp production.
2. To understand the importance of proper soil preparation, nutrient and pest control methods.
3. To develop good handling procedures when harvesting and preparing hemp for market.
4. Demonstrate an ability to harvest, clean seed, press seed oils and extract materials from the crop
5. Follow safe food practices
6. Be able to perform safe worker awareness activities.

Instructor: Keith Knudson

Office: Room 26; 105 Simrall Blvd., Bottineau, ND 58318;

Office Hours: By appointment

Phone: 701-228-5489

Email: Keith.a.knudson@ndus.edu

Lecture/Lab Schedule: Headhouse/Wash and Pack Facility 1:00 PM to 2:20 PM M-W

Textbook(s): Not Required

Course Requirements: Grading is based on student's ability to demonstrate practices relating to the course objectives. 500 total points. The final grade is based on the following criteria:

- A = 89.5% to 100% of the total points (448 to 500 points)
- B = 79.5% to < 89.5% of the total points (398 to 447 points)
- C = 68.5% to < 79.5% of the total points (342 to 446 points)
- D = 59.6% to < 69.5% of the total points (298 to 341 points)
- F = < 59.5% of the total points (less than 298 points)

Tentative Course Outline: This practicum will focus activities required to run an industrial hemp production system.

Daily activities include:

- Performing tissue sampling and preservation
- Monitoring soil and ambient temperatures
- Frost protection
- Harvesting
- Post-harvest operations
- Processing plant materials
- Preparing for market
- Practicing safety procedures

CTE Competency/Department Learning Outcome(s):

- Employ industry-specific skills in preparation for workplace readiness
- Combine general education and vocational skills curriculum
 - Hemp/Horticulture LO 1. Attain level of technical skills and practices used in Hemp Industry in preparation for workplace readiness.

Relationship to Campus Focus:

This course will address the campus theme of Nature, Technology and Beyond through learning about our natural resources and how best to utilize each resource.

Classroom Policies: Come prepared to class ready to actively work in the greenhouse.

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.