

**Course Prefix/Number/Title:** PLSC 261 Hemp Production Practicum I

**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. Demonstrate the skills for propagation through seeding, cloning and transplanting.
4. Demonstrate an ability to successfully build, monitor and manage nutrient and pests
5. To develop good handling procedures when harvesting and preparing hemp for market.
6. Be able to perform safe worker awareness.

**Instructor:** Keith Knudson

**Office:** Greenhouse; 105 Simrall Blvd., Bottineau, ND 58318;

**Office Hours:** By appointment

**Phone:** 701-228-5489

**Email:** [Keith.a.knudson@ndus.edu](mailto:Keith.a.knudson@ndus.edu)

**Lecture/Lab Schedule:** Greenhouse – 8:40 AM to 9:50 AM M-W-F

**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% o < 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:

- Practicing both soil and soilless substrate techniques
- Soil sampling, analysis and recommendations
- Performing tissue sampling and preservation
- Monitoring soil and ambient temperatures
- Frost protection
- Harvesting
- Preparing for market
- Practicing safety procedures

**General Education Goals/Objectives:** None

**Relationship to Campus Theme:** 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:**

1. Cell phones, iPods and related technologies use are prohibited in the classroom unless otherwise instructed. It is recommended that you shut off or put your internet/cellular device in "airplane mode" while in the classroom.
2. Be respectful of other students, instructor and guests.

**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:** All students are expected to excel to the best of their ability. Students must adhere to the highest standards of academic integrity. Dishonesty in the classroom or laboratory and with assignments, quizzes and exams is a serious offense and is subject to disciplinary action by the instructor and college administration. For more information, refer to the student handbook.

**Disabilities and Special Needs:** If you have a disability for which you are or may be requesting an accommodation, you are encouraged to contact your instructor and the Student Success Center (701-228-5479) as early as possible during the beginning of the semester.