



DAKOTA COLLEGE AT  
BOTTINEAU

ASSOCIATE OF APPLIED SCIENCE and CERTIFICATE

## Industrial Hemp Production

Students who enroll in the hemp production program will have the option to complete a certificate or Associate of Applied Science degree. All programs will focus on the science of growing requirements for hemp in greenhouses, high tunnels, and agricultural fields. Topics such as seeding rates, soil preparation, moisture, lighting, nutrient requirements, and pest management will be covered. In addition, students will learn how to properly harvest and store hemp prior to commercial sale.

- **Associate of Applied Science** – Students must earn 16 credits in general education. An additional 44 credits may be taken in hemp production and other related areas of interest. Please see page two of this brochure.
- **Certificate** – Does not include basic general education courses but will include soil science and other courses relating to plant production.

### Why study hemp production?

Industrial hemp is a variety of *Cannabis sativa* which has no more than 0.3% THC and is used in a multitude of consumer products, ranging from fiber and oil to medicinal products. The curriculum for this program will focus on commercial propagation, cultivation, and processing of hemp, in addition to state and federal compliance and regulations related to hemp production.

### Career choices

The hemp production program at DCB will provide students with the opportunity to acquire the education and training to grow industrial hemp for commercial purposes.

- Hemp farming
- Assistant in hemp production
- Inspector of private, state, and federal agencies
- Greenhouse manager or assistant in hemp Cannabinoid production
- Processing technician for oils, CBD, and fiber products

### Core business classes

- Introduction to Hemp Farming
- Hemp Practicums
- Industrial Hemp Production
- Hemp Rules and Regulations



## COURSES REQUIRED

### Industrial Hemp Production (AAS)

#### Freshman Year

|   | Fall | Spring |
|---|------|--------|
| PLSC 210 Horticulture Science .....         | 4    | cr     |
| PLSC 251 Intro. to Indust. Hep Farming..... | 2    | cr     |
| SOIL 210 Intro. to Soil Science.....        | 3    | cr     |
| UNIV 105 First Year Experience .....        | 1    | cr     |
| ENGL 110 College Composition I              |      |        |
| or COMM 110 Fund. of Public Speaking .....  | 3    | cr     |
| Math elective.....                          | 3    | cr     |
| HORT 151 Intro. to Plants & Pests.....      | 1    | cr     |
| HORT 249 Greenhouse Operations.....         | 4    | cr     |
| PLSC 252 Industrial Hemp Production .....   | 2    | cr     |
| PLSC 268 Plant Propagation .....            | 2    | cr     |
| Business elective .....                     | 3    | cr     |
| Wellness elective .....                     | 1    | cr     |

#### Sophomore Year

|  | Fall | Spring |
|--|------|--------|
| Summer: HORT 152 Pest ID (online) .....            | 1    | cr     |
| Summer: Internship or Practicum .....              | 2    | cr     |
| CSCI 101 Intro. to Computers                       |      |        |
| or CSCI 289 Social Implication of Tech. ....       | 3    | cr     |
| Internship or Practicum .....                      | 2    | cr     |
| PLSC 110 World Food Crops.....                     | 3    | cr     |
| Electives .....                                    | 6    | cr     |
| Math/science/technology elective.....              | 3    | cr     |
| PLSC 253 Hemp Regulations.....                     | 1    | cr     |
| Internship or Practicum .....                      | 3    | cr     |
| Fine arts/humanities/social science elective ..... | 3    | cr     |
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Electives can be from the following: AGECE, AGRI, ENVT, FORS, HORT, and PLSC. Consult with program advisor for electives.

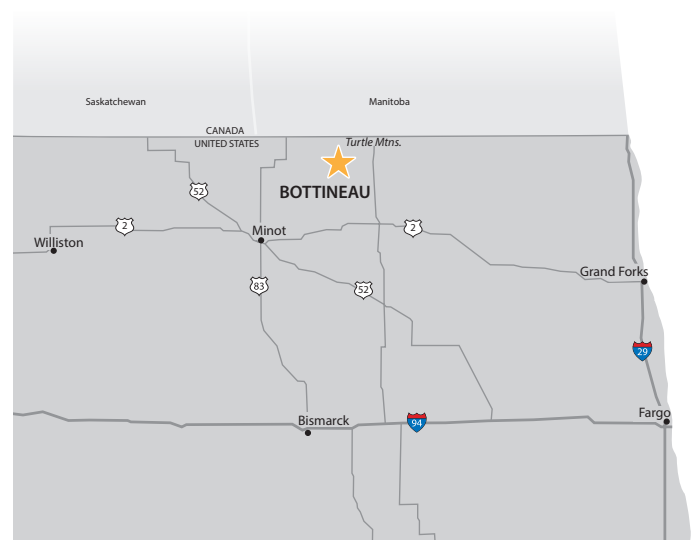
*All courses subject to change.*

Industrial Hemp Production certificate curriculum can be found on DCB's website.



## DAKOTA COLLEGE AT BOTTINEAU VISION

Dakota College at Bottineau is rooted in the past and grows towards the future by combining the best from the *Past, Present, and Future* to provide students with innovative educational opportunities. The campus will emphasize a knowledge and appreciation of *Nature*, implement a rapidly changing *Technology*, and prepare students to go *Beyond* and improve the quality of life.



## CONTACT INFORMATION



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DCB offers several varsity sports!  
 Visit [www.dcbjacks.com](http://www.dcbjacks.com).