

SOIL 210 - Introduction to Soil Science -- Online

3 Semester Hour Credits

Course Description: This course covers the physical, chemical, and biological properties of soils as they are related to use, conservation, and plant growth. Topics include basic soil properties, description of urban soil, roots physiology, soil fertility, soil contamination, soil compaction, drainage and irrigation, and site assessment, soil analysis and site design.

Schedule: Fall semester. This course follows the on-campus schedule for beginning and ending dates.

Delivery Method: Online. Students are not expected to come to the campus at any time.

Prerequisite Courses: None.

Instructor: Bob Underwood; email: bob.underwood@dakotacollege.edu

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Textbook: Soils an Introduction; Michael J Singer, Donald N Munns, 6th Edition Available from the campus bookstore or from online sources. [Book Information through the DCB Bookstore.](#)

Other Materials: None.

Course Objectives: The goal of this course is to facilitate student learning about soils and its management so that students better understand the interactions between this valuable resource and human activities.

Work Expectations:

- All assignments are graded. Scores on lab reports that document completion of hands-on learning activities are based primarily on completion of the work.

Exams - Policies & Procedures:

- All exams are taken online.
- Exams may be taken on any computer with Internet access. Hence, students need to set up or select an environment conducive to testing (e.g. distraction-free area at home, a computer lab in a library, etc.)
- Tests are not proctored. Students may use their books and/or notes while taking exams.
- Exams consist of multiple choice questions. Exams must be completed in sequence and all tests must be completed within the 16-week period of the course.
- There is no final comprehensive exam.

Technology Required: [Click here to view our technology required page.](#)