

SOILS & HERBACEOUS VEGETATION: FRSC 1130

DR WAID

Room 116, YOW Bldg. Phone: 391-4811

Office Hrs: Posted in Classroom & Outside Room 116

TEXTBOOK: Soil Science Simplified (Kohnke) (recommended)
It is strongly recommended that students pick up a field guide book to aid in plant identification. (e.g. A Guide to Wildflowers by Peterson and McKenny)

SUPPLIES: Recommended: 10X Hand Lens

<u>GRADING:</u>	<u>Points</u>	<u>Grade</u>	<u>Points</u>
Midterm Exam	300	A	900 - 1000
Final Exam	350	B	800 - 899
Lab/homework participation	50	C	700 - 799
*Plant Mount Collection	50	D	600 - 699
<u>Quizzes (Lec. & Field I.D.)</u>	<u>250</u>	F	< 600
Total	1000		

*Failure To Turn In Properly Prepared Specimens Will Result
In A Reduction Of The Course Grade By Two (2) Letter Grades

Students enrolled in the Forestry, and Wildlife Technology Programs will be expected to demonstrate an understanding of subject matter requiring higher order processing skills. Examination questions may include essay, synthesis, analysis, and application; as well as completion, multiple choice, true-false, and matching. Computational skills and drawing or diagramming may also be required.

COURSE

OBJECTIVES: The overall objective of this course is to provide students with an understanding of the relationships between soil types, and the vegetative species they support. The specific objectives for this course are;

1. To develop an understanding of the basics of soil formation and classification.
2. To become familiar with the terminology of soil science
3. To learn to use the soil profile characteristics and topographic position to predict erosion hazard, equipment limitations, and suitability of land for various types of wildlife management.
4. To use county soil surveys as a tool in management of natural resources.
5. To familiarize students with plant classification, binomial nomenclature, and use of dichotomous keys.
6. To instruct students on floral and vegetative characteristics of higher plant taxa, and the use of these characteristics in identifying herbaceous plant families.
7. To familiarize students with common herbaceous species, species of special concern, and species of importance in wildlife management.