

Teaching Plan for SOIL 479; SOIL/CHEM/GEOL 424 (Soil Chemistry)

Instructor: April Ulery

Semester: Fall 2020

SOIL 479 (Environmental Soil Chemistry) and SOIL/GEOL/CHEM 424 (Soil Chemistry) is a three credit course that covers the “Basic elements of soil chemistry including discussion of clay mineralogy, cation and anion exchange and the chemistry of problem (acid, saline and flooded) soils. Credit not given for both SOIL 424 and SOIL 479.” **(CATALOG DESCRIPTION)**

We meet three times a week (MWF 12:30-1:30) in Skeen 200. The course is lecture based with in-class exercises, demonstrations and problem solving. There are typically 12 to 15 students in the class. I intend to teach the course in person with similar content and manner as in prior semesters, although I will also record and make my lectures available for any student who is not on campus. The following exceptions will be made for the implementation of safety practices to help prevent and slow the spread of COVID-19 in the instructional environment. **(BRIEF DESCRIPTION OF THE PREVIOUS DELIVERY METHOD)**

Lecture activities and lecture exams will be prepared for online dissemination using Zoom. That is, we will not meet in person in Skeen 200. This practice will eliminate student presence in the building and its vicinity during our lecture times. There is no lab associated with this course and any office hours will be held via Zoom.

Discrete instructions will be provided in the syllabus and practiced during the semester, as per CDC guidelines, to prevent COVID-19 transmission. These instructions will include 1) self-monitoring using guidelines from the aggie wellness center; 2) ‘remaining at home if ill’ policy; 3) wearing an approved facemask when on campus if such a directive remains in effect; 4) maintaining six feet social distancing as work duties permit; 5) cleaning and disinfecting countertops, common areas, and shared equipment during and after use; and 6) and practicing frequent hand washing.

(PROPOSED CHANGES THAT WILL BE IMPLEMENTED WITH SAFETY AND SCENARIO CHANGES IN MIND)

Contact tracing: For contact tracing, student will immediately notify me if they suspect they are ill (fever in excess of 100.4 degrees F, cough, or shortness of breath), or if they are notified that they may have potentially been exposed to COVID-19. Once I learn that a student may have a virus or has been tested as presumptively positive, I will work with the student promptly to isolate them so that they do not transmit it further. I will then work with that student directly to understand who they have come in contact with. Any student who has been infected will be asked about their contacts, and then those contacts are approached. The affected students will call their physician, the NM Department of Health COVID Hotline, or the student health center and, if not already done so, will arrange for a test. In extreme cases, they will call 911. Affected student will return to class only if they have been tested and only after a negative test, or will self-quarantine for 14 days if the test is positive. I will maintain email and telephone of students and their contacts, and keep daily attendance. I will subsequently notify Dr. Rolston St. Hilaire (Department Head) if a student is ill, if positive test results are obtained, and all of the persons with whom the student has had in-person contact. **(PLEASE USE THIS LANGUAGE. ALL PLANS ARE REQUIRED TO HAVE CONTACT TRACING INFORMATION).** For more information on contact tracing, go to

<https://www.webmd.com/lung/news/20200504/what-is-contact-tracing-and-how-does-it-work#1>