Course Syllabus

ENVR 5175.001, CRN 31171  Soil Taxonomy

Instructor: Kenneth W. Farrish
Phone: 936-468-2475 or 2331
Email: kfarrish@sfasu.edu
Office: 108 Forestry Lab
Office Hours: 8:00am to 9:40am M-R
Department: Environmental Science
Class meeting time and place: FLB 103

Course Description:
The course will cover soil classification concepts and focus specifically on the Soil Taxonomy system of soil classification. The concepts of soil classification will lead to a field soil classification project.

Program Learning Outcomes:
Learning Outcomes: The primary objective of this advanced level course is to provide insight into the theory and practice of soil classification.

M.S. Environmental Science Program Learning Outcomes:

1. Demonstrate competency in environmental regulation and compliance;
2. Demonstrate understanding in environmental risk assessment;
3. Demonstrate understanding in occupational and environmental health;
4. Demonstrate competency in statistical methods and data management;
5. Demonstrate competency in oral and written communication skills;

<table>
<thead>
<tr>
<th>Course</th>
<th>PLO 1 Environmental Regulation and Compliance</th>
<th>PLO2 Environmental Risk Assessment</th>
<th>PLO3 Occupational and Environmental Health</th>
<th>PLO4 Statistical Methods and Data Management</th>
<th>PLO5 Oral and Written Communication</th>
<th>PL06 M.S. Thesis Research</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENV 5303</td>
<td>M</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>M</td>
<td>N/A</td>
</tr>
</tbody>
</table>

M/S Environmental Science Learning Outcomes

Proficiency Levels

<table>
<thead>
<tr>
<th>Course</th>
<th>PLO 1 Environmental Regulation and Compliance</th>
<th>PLO2 Environmental Risk Assessment</th>
<th>PLO3 Occupational and Environmental Health</th>
<th>PLO4 Statistical Methods and Data Management</th>
<th>PLO5 Oral and Written Communication</th>
<th>PL06 M.S. Thesis Research</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENV 5303</td>
<td>M</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>M</td>
<td>N/A</td>
</tr>
</tbody>
</table>

N/A – Not Applicable  B-Basic  I-Intermediate  A-Advanced

M-Mastery
**Definition of Rating Categories:**

1. **N/A** – Not Applicable – course does not support the Program Learning Outcome.

2. **B** – Basic – course supports Program Learning Outcome by providing students with fundamental information, definitions, concepts, and lab activities relative to the expected outcomes.

3. **I** – Intermediate – course supports Program Learning Outcome by providing students with topic-specific information, concepts, applications, and lab activities that increase the students’ skills in making tactical implementation decisions relative to the expected outcomes.

4. **A** – Advanced – course supports Program Learning Outcome by providing students with transitional, high level topic-specific information, activities, and opportunities that enable the students to apply their critical thinking and tactical skills to resolved increasingly challenging strategic situations.

5. **M** – Mastery – course supports Program Learning Outcome by providing students with opportunities to independently apply tactical and strategic planning skills to successfully accomplish real-world, non-academic management objectives. Completes students’ preparedness for entry-level professional activity accomplishment.

**General Education Core Curriculum Objectives/Outcomes:**
NA

**Student Learning Outcomes:**
Students will learn about the concepts of soil classification and specifically the use of the Soil Taxonomy system.

**Text and Materials:**


**Course Requirements:**
Students in the class will prepare and deliver four lectures on individual Soil Orders as assigned. In addition, a project involving a soil classification project in the field (details
to be determined) will be completed by teams of students and turned in for a grade. A final exam will complete the course requirements.

**Course Calendar:**
NA

**Grading Policy:** The student presented lectures together will comprise 33 percent of the overall grade, the soil mapping project will comprise 33 percent of the overall grade, and the final exam will comprise 33 percent of the overall grade.

**Attendance policy:**
NA

**Academic Integrity (A-9.I):**
Academic integrity is a responsibility of all university faculty and students. Faculty members promote academic integrity in multiple ways including instruction on the components of academic honesty, as well as abiding by university policy on penalties for cheating and plagiarism.

**Definition of Academic Dishonesty**
Academic dishonesty includes both cheating and plagiarism. Cheating includes but is not limited to (1) using or attempting to use unauthorized materials to aid in achieving a better grade on a component of a class; (2) the falsification or invention of any information, including citations, on an assigned exercise; and/or (3) helping or attempting to help another in an act of cheating or plagiarism. Plagiarism is presenting the words or ideas of another person as if they were your own. Examples of plagiarism are (1) submitting an assignment as if it were one's own work when, in fact, it is at least partly the work of another; (2) submitting a work that has been purchased or otherwise obtained from an Internet source or another source; and (3) incorporating the words or ideas of an author into one's paper without giving the author due credit.

Please read the complete policy at http://www.sfasu.edu/policies/academic_integrity.asp

**Withheld Grades Semester Grades Policy (A-54)**
Ordinarily, at the discretion of the instructor of record and with the approval of the academic chair/director, a grade of WH will be assigned only if the student cannot complete the course work because of unavoidable circumstances. Students must complete the work within one calendar year from the end of the semester in which they receive a WH, or the grade automatically becomes an F. If students register for the same course in future terms the WH will automatically become an
Students with Disabilities
To obtain disability related accommodations, alternate formats and/or auxiliary aids, students with disabilities must contact the Office of Disability Services (ODS), Human Services Building, and Room 325, 468-3004 / 468-1004 (TDD) as early as possible in the semester. Once verified, ODS will notify the course instructor and outline the accommodation and/or auxiliary aids to be provided. Failure to request services in a timely manner may delay your accommodations. For additional information, go to http://www.sfasu.edu/disabilityservices/.

Acceptable Student Behavior
Classroom behavior should not interfere with the instructor’s ability to conduct the class or the ability of other students to learn from the instructional program (see the Student Conduct Code, policy D-34.1). Unacceptable or disruptive behavior will not be tolerated. Students who disrupt the learning environment may be asked to leave class and may be subject to judicial, academic or other penalties. This prohibition applies to all instructional forums, including electronic, classroom, labs, discussion groups, field trips, etc. The instructor shall have full discretion over what behavior is appropriate/inappropriate in the classroom. Students who do not attend class regularly or who perform poorly on class projects/exams may be referred to the Early Alert Program. This program provides students with recommendations for resources or other assistance that is available to help SFA students succeed.

ENV 575 Soil Taxonomy
Summer, 2021

<table>
<thead>
<tr>
<th>Date</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>May 17</td>
<td>Introduction (Farrish)</td>
</tr>
<tr>
<td>May 18</td>
<td>Chaps 1 and 2 (Farrish)</td>
</tr>
<tr>
<td>May 20</td>
<td>Chaps 3 and 4 (Farrish)</td>
</tr>
<tr>
<td>May 24</td>
<td>Chaps 4 and 5 (Farrish)</td>
</tr>
<tr>
<td>May 25</td>
<td>Chaps 6 and 7 (Farrish)</td>
</tr>
<tr>
<td>May 26</td>
<td>Chaps 8 and 9 (Hannah)</td>
</tr>
</tbody>
</table>
May 27  Chaps 10 and 11 (Jason)
May 31  Chaps 12 and 13 (Rachel)
June 1   Chaps 14 and 15 (Hannah)
June 2   Chaps 16 and 17 (Jason)
June 3   Chaps 18 and 19 (Rachel)
June 7   Soil Profile Description(s) (field project)
June 8   Soil Profile Description(s) (field project)
June 9   Chaps 20 and 21 (Farrish)
June 10  Open
June 14  Final Exam