Course Syllabus

ENVR 5375, Advanced Soil Science

Instructor: Kenneth W. Farrish
Phone: 936-468-2475 or 2331
Email: kfarrish@sfasu.edu
Office: 108 Forestry Lab
Office Hours: 1:30 to 3:30 M-R
Department: Environmental Science
Class meeting time and place: FLB 103
Course Description:
The course will cover advanced topics in soil science.

Program Learning Outcomes:
Learning Outcomes: The primary objective of this advanced level course is to provide insight into soil science.

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;

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>PLO6 M.S. Thesis Research</th>
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</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>
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</tbody>
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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.

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**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:**
The student will read the entire soil science textbook, attend lectures for the ENVR 3349 class, and meet with the professor to discuss more detailed information on soil science. In addition, the student will prepare a full lecture to be given to the soil science course on how his research project is influenced by soil properties and write a detailed report on the same topic.

**Course Calendar:**
NA
**Grading Policy:** The student presented full lecture comprises 33% of the grade. Exams in the intro course (4) will together comprise another 33% of the final grade. A written detailed report on how soil properties influence the student’s research project will comprise the remaining 33% of the grade.

**Attendance policy:**

NA

**Academic Integrity (A-9.1):**
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 F and will be counted as a repeated course for the purpose of computing the grade point average.

**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/.

Mental Health and Wellness
SFA values students’ mental health and the role it plays in academic and overall student success. SFA provides a variety of resources to support students' mental health and wellness. Many of these resources are free, and all of them are confidential.

On-campus Resources:
SFA Counseling Service
www.sfasu.edu/counselingservices
Rusk Building, 3rd Floor
936-468-1041

SFA Human Services Counseling Clinic
www.sfasu.edu/humanservices/139.asp
Human Services, Room 202
936-468-1041

Crisis Resources:
Burke 24-hour crisis line: 1.800.392.8343S
Suicide Prevention Lifeline: 1.800.273.TALK (8255)
Crisis Text Line: Text HELLO to 741-741

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.