Name: Dr. Jenny Rashall  
Email: jenny.rashall@sfasu.edu  
Phone: 936-468-2331  
Office: FORS 123  
Office Hours: M/W 11:00 AM-12:30 PM; T 4:30-6:30 PM  
Department: Division of Environmental Science  
Class meeting time and place: Lecture - Monday/Wednesday 10:00-10:50 AM in FORS 221; Lab - Friday 12:00-2:50 PM in FORS 240.

Course Description
Three semester hours, two hours lecture and three hours lab per week. This course focuses on environmental management and planning in the United States with reference to the principles and procedures for preparing assessments associated with “All Appropriate Inquiry” and characterization and delineation of contaminated sites. Senior standing or permission of instructor.

Course Modality
Environmental Assessment and Management (ENVR 4315) is a full-semester course that meets face-to-face twice a week for lecture and once a week for lab.

Program Learning Outcomes
1. Demonstrate competency in environmental assessment.  
2. Demonstrate understanding in environmental management.  
3. Demonstrate understanding in environmental policy and professional ethics.  
4. Demonstrate competency critical thinking communicated through effective scientific written reports and oral presentations.  
5. Demonstrate preparation to pursue a professional career and/or graduate degree programs.

<table>
<thead>
<tr>
<th>Course</th>
<th>PLO 1 Environmental Assessment</th>
<th>PLO2 Environmental Management</th>
<th>PLO3 Environmental Policy &amp; Professional Ethics</th>
<th>PLO4 Critical Thinking, Oral &amp; Written Communication</th>
<th>PLO5 Professional Career &amp;/or Graduate Degree Program</th>
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<tbody>
<tr>
<td>ENVR 4315</td>
<td>M</td>
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<td>M</td>
<td>A</td>
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<tr>
<td>N/A – Not Applicable</td>
<td>B-Basic</td>
<td>I-Intermediate</td>
<td>A-Advanced</td>
<td>M-Mastery</td>
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Student Learning Outcomes
A. Describe the principles and procedures for preparing environmental site assessments and environmental impact statements (All PLOs).  
B. Introduce techniques for the assessment of various environmental variables (PLO1).  
C. Describe the application of environmental rules and regulations to regulated entities (PLO3).
Text and Materials

No required textbooks. Required course content will be distributed via Brightspace (D2L) as needed.

Grading Policy

Course grades will be calculated as follows:

- Midterm: 100 points
- Final Exam: 100 points
- Reports: 300 points
  - i. Phase I (150 pts)
  - ii. Phase II (150 pts)
- Team Presentation: 100 points
- Lab Exercises: 120 points
  - (10 points per lab exercise)
- Attendance: 25 points

Letter assignment: A = 90-100, B = 80-89, C = 70-79, D = 60-69, F = <60

Course Requirements

Exams

Students will take both a midterm exam and a final exam. Exams consist of short answer, essay, multiple choice, true/false, and problem-solving style questions. The final exam is comprehensive, although it will rely more heavily on the second half of the course.

Reports

Students will complete various written reports both individually and on teams (as assigned by the instructor). Further information will be provided regarding the reports via D2L.

Team Presentation

Teams responsible for completing Phase II reports will give oral presentations over their findings. Further information will be provided regarding the presentations via D2L.

Laboratory Exercises

Students will work both individually and in pairs (as assigned by the instructor) to complete various lab exercises. These exercises will primarily be writing/editing practice related to portions of the reports. There will be no make ups for lab exercises without an excused absence.

Attendance

Students will earn one point for each lecture class they attend for a maximum of 25 points. There are a total of 28 class meetings. Students can miss up to three before their grade is affected. For excused absences (university-related or emergency), be sure to provide documentation.

Contact Hours and Study Hours

The federal definition of a credit hour is an amount of work represented in intended learning outcomes and verified by evidence of student achievement that is an institutionally established equivalency that reasonably approximates not less than one hour of classroom or direct faculty instruction and a minimum of two hours out-of-class student work each week for approximately fifteen weeks for one semester or trimester hour of credit. In this three-credit hour course, students can expect to spend
approximately three hours each week in lecture a minimum of 6 hours outside of class on course related readings, homework, etc.

### Course Calendar*

<table>
<thead>
<tr>
<th>Topic</th>
<th>Week</th>
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<tbody>
<tr>
<td>Phase I ESA</td>
<td>Week 1</td>
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<tr>
<td>Phase I ESA</td>
<td>Week 2</td>
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<tr>
<td>Phase I ESA</td>
<td>Week 3</td>
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<tr>
<td>ISO 14000, Due Diligence and Environmental Auditing</td>
<td>Week 4</td>
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<tr>
<td>NEPA/EIS</td>
<td>Week 5</td>
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<tr>
<td>NEPA/EIS</td>
<td>Week 6</td>
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<tr>
<td>Phase II ESA, Midterm (Wednesday, 3/6/2024)</td>
<td>Week 7</td>
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<tr>
<td><strong>Spring Break</strong></td>
<td>Week 8</td>
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<tr>
<td>Phase II ESA</td>
<td>Week 9</td>
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<tr>
<td>Phase II ESA</td>
<td>Week 10</td>
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<tr>
<td>Phase II ESA/APAR</td>
<td>Week 11</td>
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<tr>
<td>Phase II ESA/APAR</td>
<td>Week 12</td>
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<tr>
<td>Hazardous Waste Management</td>
<td>Week 13</td>
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<td>Water Quality</td>
<td>Week 14</td>
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<td><strong>Final Exam</strong> (Monday, 5/6/2024 @ 10:30 AM-12:30 PM)</td>
<td>Week 15</td>
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*As the instructor of this course, I reserve the right to modify the list of topics and the order in which topics are covered. Exam dates will not change.

### Student Syllabus Resources

Additional information regarding the following policies can be found at: [https://www.sfasu.edu/student-syllabus-resources](https://www.sfasu.edu/student-syllabus-resources)

- Institution Absences (HOP 04-110)
- Academic Integrity (HOP 04-106)
- Withheld Grades Semester Grades Policy (HOP policy 02-206)
- Students with Disabilities and Disability Services
- Student Wellness and Well-Being
- Additional Campus Resources
- Crisis Resources