**Standard Course Form**  
**Organization and Clarity**

| Q1 | My instructor is well prepared for class meetings. | [SA] 7 [A] 2 [D] 0 [SD] 4 | Med. 4 | Mode 4 | S.D. .42 | N 9 | Mean 3.8 |
| Q2 | My instructor explains the subject matter clearly. | [SA] 6 [A] 3 [D] 0 [SD] 4 | Med. 4 | Mode 4 | S.D. .47 | N 9 | Mean 3.7 |
| Q3 | My instructor clearly communicates course goals and objectives. | [SA] 7 [A] 2 [D] 0 [SD] 4 | Med. 4 | Mode 4 | S.D. .42 | N 9 | Mean 3.8 |
| Q4 | My instructor answers questions appropriately. | [SA] 6 [A] 3 [D] 0 [SD] 4 | Med. 4 | Mode 4 | S.D. .47 | N 9 | Mean 3.7 |


**Standard Course Form**  
**Enthusiasm and Intellectual Stimulation**

| Q5 | My instructor is enthusiastic about teaching this course. | [SA] 6 [A] 3 [D] 0 [SD] 4 | Med. 4 | Mode 4 | S.D. .47 | N 9 | Mean 3.7 |
| Q6 | My instructor presents the subject in an interesting manner. | [SA] 6 [A] 3 [D] 0 [SD] 4 | Med. 4 | Mode 4 | S.D. .47 | N 9 | Mean 3.7 |
| Q7 | My instructor stimulates my thinking. | [SA] 6 [A] 3 [D] 0 [SD] 4 | Med. 4 | Mode 4 | S.D. .47 | N 9 | Mean 3.7 |
| Q8 | My instructor motivates me to do my best work. | [SA] 5 [A] 4 [D] 0 [SD] 4 | Med. 4 | Mode 4 | S.D. .50 | N 9 | Mean 3.6 |


**Standard Course Form**  
**Rapport and Respect**

| Q9 | My instructor helps students sufficiently with course-related issues. | [SA] 6 [A] 3 [D] 0 [SD] 4 | Med. 4 | Mode 4 | S.D. .47 | N 9 | Mean 3.7 |
| Q10 | My instructor is regularly available for consultation. | [SA] 5 [A] 3 [D] 0 [SD] 4 | Med. 4 | Mode 4 | S.D. .48 | N 8 | Mean 3.6 |
| Q11 | My instructor is impartial in dealing with students. | [SA] 4 [A] 4 [D] 0 [SD] 3.5 | Med. 3.4 | Mode 3.4 | S.D. .50 | N 8 | Mean 3.5 |
| Q12 | My instructor respects opinions different from his or her own. | [SA] 5 [A] 4 [D] 0 [SD] 4 | Med. 4 | Mode 4 | S.D. .50 | N 9 | Mean 3.6 |


**Standard Course Form**  
**Feedback and Accessibility**

| Q13 | Assessment methods accurately assess what I have learned in this course. | [SA] 5 [A] 4 [D] 0 [SD] 4 | Med. 4 | Mode 4 | S.D. .50 | N 9 | Mean 3.6 |
| Q14 | Grades are assigned fairly. | [SA] 5 [A] 4 [D] 0 [SD] 4 | Med. 4 | Mode 4 | S.D. .50 | N 9 | Mean 3.6 |
| Q15 | The basis for assigning grades is clearly explained. | [SA] 6 [A] 3 [D] 0 [SD] 4 | Med. 4 | Mode 4 | S.D. .47 | N 9 | Mean 3.7 |
| Q16 | The instructor provides feedback on my progress in the course on a regular basis. | [SA] 5 [A] 4 [D] 0 [SD] 4 | Med. 4 | Mode 4 | S.D. .50 | N 9 | Mean 3.6 |


**Standard Course Form**  
**Student Perceptions of Learning**

| Q17 | My instructor advances my knowledge of course content. | [SA] 4 [A] 4 [D] 0 [SD] 3.5 | Med. 3.4 | Mode 3.4 | S.D. .50 | N 8 | Mean 3.5 |
| Q18 | My instructor promotes my understanding of important conceptual themes. | [SA] 5 [A] 3 [D] 0 [SD] 4 | Med. 4 | Mode 4 | S.D. .48 | N 8 | Mean 3.6 |
Faculty:

Question: Describe the best aspects of this course.

Response Rate: 77.78%  (7 of 9)

1 The topics that we cover, the subject matter is great
2 is an awesome teacher. She does really well getting the students involved with the material.
3 I thought the way the es 150 class was set up was very beneficial to me as far as helping me decide which direction I wanted to go within the enviroscience department. It was always very interesting material and laura was very understanding in her grading and deadlines
4 excellent class, laura is a wonderful teacher
5 the best part of this course is the many different concentrations presented throughout the semester. Geology, biology, chemistry, natural resource management, etc...
6 Very informative across the entire environmental science department. always on time and prepared for each class.
7 I liked the different professors coming in and teaching units. It makes you think about what courses you would like to take in the future.

Faculty:

Question: Describe changes that could be made to improve the course.

Response Rate: 44.44%  (4 of 9)

1 It could be better organized
2 this course was very informative and interesting and I do not feel any thing should change.
3 Very overwhelming, hard to manage each assignment.
4 the term paper was crazy and there is always something due.
### *Laboratory Course Form*

#### Organization and Clarity

<table>
<thead>
<tr>
<th>Response</th>
<th>[SA]</th>
<th>[A]</th>
<th>[D]</th>
<th>[SD]</th>
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<th>S.D.</th>
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#### Enthusiasm and Intellectual Stimulation

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#### Feedback and Accessibility

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### *Laboratory Course Form*

#### Student Perceptions of Learning

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<th>[D]</th>
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<td>.92</td>
<td>10</td>
<td>3.6</td>
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</table>
Q19  My lab instructor encourages me to work better with others in this course.  7  3  0  0  4  4 .46  10  3.7  
Q20  My instructor helps me learn important techniques in this course.  7  2  0  0  4  4 .42  9  3.8  


Faculty:

Question: Describe the best aspects of this course.

Response Rate: 80.00%  (8 of 10)

1  The different teachers that teach it
2  I like that we get to see different aspects of the ES curriculum. I am also like all of the instructions we get for every assignment, this makes it easier to do.
3  Such an awesome instructor! She is always available for questions and feedback. I really enjoyed all the sections covered over the course of the semester, especially Dr.
4  A class that reviews all subjects apart of environmental science and keeps you on your toes.
5  The best part of this course is the many different topics discussed and practiced throughout the lab and course.
6  The best thing about this lab was the variety of projects, and real life applications of the material.
7  Laura DeWald is an amazing professor. She is at every lab, and lecture although she may not be teaching that certain call time. She is always available to answer questions and is always sending emails to help with out of school involvement.
8  Fun atmosphere, passionate instructors.

Faculty:

Question: Describe changes that could be made to improve the course.

Response Rate: 80.00%  (8 of 10)

1  This course could be more organized
2  I didn't like writing a lab report for every lab. I felt that many of these labs were not set up to have a lab report with them so it was difficult to do. My favorite lab was definitely the macroinvertebrate one.
3  Sometimes I felt I was expected to know how the information and lab's tied in to the information for the lab assignments and synthesis exams. I felt overwhelmed by information covered in a short amount of time. Overall I learned a LOT from this class and was glad Laura pushed us.
4  This class is jammed with so much information and could almost be a year long class.
5  Personally I believe nothing should change about this lab.
6  I would have liked to have better hand outs of the processes followed for each lab to refer to when I wrote up lab reports.
7  It is allot of work, there are allot of papers and assignments that are interesting but take allot of time to complete. It is somewhat overwhelming to have many different professors and in such short time span.
8  The new subject matter every two weeks didn't give me time to really understand everything.
### Course: ES150 01: Intro/Approaches Env Sci

#### Instructor: [Name]

- **Responses**
  - **Individual**
    - **[SA]** [A] [D] [SD] Med. Mode S.D. N Mean

| Q1 | My instructor is well prepared for class meetings. | 8 | 5 | 0 | 0 | 4 | 4 | .49 | 13 | 3.6 |
| Q2 | My instructor explains the subject matter clearly. | 7 | 6 | 0 | 0 | 4 | 4 | .50 | 13 | 3.5 |
| Q3 | My instructor clearly communicates course goals and objectives. | 8 | 5 | 0 | 0 | 4 | 4 | .49 | 13 | 3.6 |
| Q4 | My instructor answers questions appropriately. | 8 | 4 | 1 | 0 | 4 | 4 | .63 | 13 | 3.5 |


- **Responses**
  - **Individual**
    - **[SA]** [A] [D] [SD] Med. Mode S.D. N Mean

| Q5 | My instructor is enthusiastic about teaching this course. | 9 | 4 | 0 | 0 | 4 | 4 | .46 | 13 | 3.7 |
| Q6 | My instructor presents the subject in an interesting manner. | 9 | 4 | 0 | 0 | 4 | 4 | .46 | 13 | 3.7 |
| Q7 | My instructor stimulates my thinking. | 9 | 3 | 1 | 0 | 4 | 4 | .62 | 13 | 3.6 |
| Q8 | My instructor motivates me to do my best work. | 9 | 3 | 1 | 0 | 4 | 4 | .62 | 13 | 3.6 |


- **Responses**
  - **Individual**
    - **[SA]** [A] [D] [SD] Med. Mode S.D. N Mean

| Q9 | My instructor helps students sufficiently with course-related issues. | 8 | 5 | 0 | 0 | 4 | 4 | .49 | 13 | 3.6 |
| Q10 | My Instructor is regularly available for consultation. | 8 | 3 | 2 | 0 | 4 | 4 | .75 | 13 | 3.5 |
| Q11 | My instructor is impartial in dealing with students. | 8 | 4 | 1 | 0 | 4 | 4 | .63 | 13 | 3.5 |
| Q12 | My instructor respects opinions different from his or her own. | 8 | 3 | 2 | 0 | 4 | 4 | .75 | 13 | 3.5 |


- **Responses**
  - **Individual**
    - **[SA]** [A] [D] [SD] Med. Mode S.D. N Mean

| Q13 | Assessment methods accurately assess what I have learned in this course. | 9 | 4 | 1 | 0 | 4 | 4 | .62 | 13 | 3.6 |
| Q14 | Grades are assigned fairly. | 9 | 4 | 0 | 0 | 4 | 4 | .46 | 13 | 3.7 |
| Q15 | The basis for assigning grades is clearly explained. | 9 | 4 | 0 | 0 | 4 | 4 | .46 | 13 | 3.7 |
| Q16 | The instructor provides feedback on my progress in the course on a regular basis. | 9 | 3 | 1 | 0 | 4 | 4 | .62 | 13 | 3.6 |

Q19 My instructor enhances my capacity to communicate effectively about the course subject matter. 6 5 1 0 3 4 .64 12 3.4
Q20 My instructor encourages me to value new viewpoints related to the course. 6 6 0 0 3 3,4 .50 12 3.5


Faculty:
Question: Describe the best aspects of this course.
Response Rate: 69.23% (9 of 13)

1. I really enjoy the aspect of having multiple disciplines taught by corresponding professors. The tests at two week intervals help allow in keeping up with and efficiently learning the material.
2. It is the start to my major!
3. The "tag-team" way this course is taught brings in specialist form different areas of env. sci. I think this provides a lot of information that we wouldn't get with just one instructor.
4. I liked how the course work in the semester was split up into different section with different professors. I feel this way we got the highest quality information.
5. I really liked having multiple teachers in this class. I also liked how the tests had only one teacher's content on them.
6. Meets once a week
7. Variety of different aspects are taught. Very interesting and informative
8. Students are encouraged to work together. A great sense of community is formed. Open discussion is encouraged.
9. Diversity if material

Faculty:
Question: Describe changes that could be made to improve the course.
Response Rate: 46.15% (8 of 13)

1. I would like more time to spend on the material, maybe another class added to stretch it out a bit.
2. More group projects. Environmental science is about team work and we should evaluate problems as a group.
3. I didn't like how some teachers only talked about there pet projects. What they were interested in each field it would have been nice for each section to be a bit broader.
4. Idk its ok I guess
5. A more in depth explanation of research papers
6. Too much disjointed subject matter. The idea of having a series of instructors is great but in application very little could be learned in depth because of the superficial nature of the lecture. Not enough connection to the text or outside reading. Not enough attention brought to current environmental issues or local examples.
Course: ES150 30 - Intro/Approaches Env Sci
Instructor: [Lab]

Responses | Individual  | [SA] | [A] | [D] | [SD] | Med. | Mode | S.D. | N | Mean
---|---|---|---|---|---|---|---|---|---|---
Q1 My lab instructor is well prepared. | 8 | 5 | 0 | 0 | 4 | 4 | .49 | 13 | 3.6
Q2 I know what is expected of me in this course. | 9 | 4 | 0 | 0 | 4 | 4 | .46 | 13 | 3.7
Q3 My lab instructor explains the lab procedures clearly. | 7 | 6 | 0 | 0 | 4 | 4 | .50 | 13 | 3.5
Q4 My lab instructor promotes good use of laboratory time. | 8 | 5 | 0 | 0 | 4 | 4 | .49 | 13 | 3.6

Responses | Individual  | [SA] | [A] | [D] | [SD] | Med. | Mode | S.D. | N | Mean
---|---|---|---|---|---|---|---|---|---|---
Q5 The lab assignments are interesting. | 8 | 4 | 1 | 0 | 4 | 4 | .63 | 13 | 3.5
Q6 My lab instructor is enthusiastic about teaching this class. | 9 | 4 | 0 | 0 | 4 | 4 | .46 | 13 | 3.7
Q7 My lab instructor motivates me to do well in the laboratory. | 9 | 4 | 0 | 0 | 4 | 4 | .46 | 13 | 3.7
Q8 My lab instructor reinforces what I have learned in the lecture. | 9 | 4 | 0 | 0 | 4 | 4 | .46 | 13 | 3.7

Responses | Individual  | [SA] | [A] | [D] | [SD] | Med. | Mode | S.D. | N | Mean
---|---|---|---|---|---|---|---|---|---|---
Q9 My lab instructor insists that we all follow safety procedures. | 9 | 4 | 0 | 0 | 4 | 4 | .46 | 13 | 3.7
Q10 My lab instructor is impartial in dealing with students. | 9 | 2 | 0 | 0 | 4 | 4 | .39 | 11 | 3.8
Q11 My lab instructor respects student questions about the subject matter. | 9 | 1 | 1 | 0 | 4 | 4 | .62 | 11 | 3.7
Q12 My lab instructor is regularly available for consultation. | 8 | 2 | 0 | 0 | 4 | 4 | .40 | 10 | 3.8

Responses | Individual  | [SA] | [A] | [D] | [SD] | Med. | Mode | S.D. | N | Mean
---|---|---|---|---|---|---|---|---|---|---
Q13 My lab instructor evaluates my work promptly. | 8 | 5 | 0 | 0 | 4 | 4 | .49 | 13 | 3.6
Q14 My lab instructor provides helpful feedback on my progress. | 8 | 3 | 1 | 0 | 4 | 4 | .64 | 12 | 3.6
Q15 Evaluations in this laboratory course are fair. | 8 | 5 | 0 | 0 | 4 | 4 | .49 | 13 | 3.6
Q16 My lab instructor offers specific advice to promote improvements. | 9 | 2 | 1 | 0 | 4 | 4 | .62 | 12 | 3.7

Responses | Individual  | [SA] | [A] | [D] | [SD] | Med. | Mode | S.D. | N | Mean
---|---|---|---|---|---|---|---|---|---|---
Q17 My lab instructor advances my knowledge in this lab section. | 9 | 4 | 0 | 0 | 4 | 4 | .46 | 13 | 3.7
Q18 My lab instructor makes me more curious about the subject matter. | 9 | 2 | 2 | 0 | 4 | 4 | .75 | 13 | 3.5
Faculty:

Question: Describe the best aspects of this course.

Response Rate: 69.23%  (9 of 13)

1 being outside
2 I’ve really enjoyed our outside lab assignments in Cullowhee creek!
3 That I learn what to look for, and what can be done to evaluate what a sustainable environment should look like. Also, I’m really interested in this course so I enjoy being there.
4 The labs were very interesting and strongly reinforced what was learned in the classroom.
5 I really liked the outdoor labs in the lab. I also liked getting a variety of labs. I also liked writing the lab reports.
6 we get to go outside with some of the lab instructors
7 Very fun, we got to go outside, was very enjoyable and kept my interest.
8 The lab portion of this course allows the student to work as they would if already working in the field. Working in groups emphasizes the importance of communication as well as reliance on input of many ideas to solve problems.
9 Diversity of info

Faculty:

Question: Describe changes that could be made to improve the course.

Response Rate: 53.85%  (7 of 13)

1 It is good
2 I wish for group assignments we could mix up the groups and work with different people.
3 There could be more labs and the labs could be on other things besides water quality.
4 I wish that some of the section had labs like the ES health and the Chemistry section. I didn’t like not having labs.
5 I feel that she assigns assignments at very bad times putting me in a bad situation
6 more outdoor labs
7 Progression of labs should follow a framework presented in class. The concepts seemed to jump around without a solid common thread. Most instructors had no knowledge of concepts previously learned in other labs.
### Standard Course Form

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<tr>
<th>Question</th>
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### Survey Results

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<tr>
<td>Q20</td>
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</table>

### Responses

<table>
<thead>
<tr>
<th>[SA]</th>
<th>[A]</th>
<th>[N]</th>
<th>[D]</th>
<th>[SD]</th>
<th>Group Mean</th>
<th>Variance</th>
<th>N</th>
<th>Mean</th>
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<td>.86</td>
<td>3</td>
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</tr>
</tbody>
</table>
Q13 Assessment methods accurately assess what I have learned in this course.
Q14 Grades are assigned fairly.
Q15 The basis for assigning grades is clearly explained.
Q16 The instructor provides feedback on my progress in the course on a regular basis.
Q17 My instructor advances my knowledge of course content.
Q18 My instructor promotes my understanding of important conceptual themes.
Q19 My instructor enhances my capacity to communicate effectively about the course subject matter.
Q20 My instructor encourages me to value new viewpoints related to the course.


Survey Results

Validity
Q21 Your expected grade in the course:


Survey Results

Validity
Q22 Your reason for taking the course:


Survey Results

Validity
Q23 Your level of interest in the subject prior to this course:


Survey Results
Q30 How many hours of work per week are required outside of class:

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>O1</th>
<th>Grp. Med.</th>
<th>Var.</th>
<th>N</th>
<th>Mean</th>
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</thead>
<tbody>
<tr>
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<td>2</td>
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<td>2.5</td>
<td>.69</td>
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</tbody>
</table>

Responses:
- [A] 0 to 2 hours per week = 1
- [B] 3 to 5 hours per week = 2
- [C] 6 to 8 hours per week = 3
- [D] 9 to 11 hours per week = 4
- [O1] over 11 hours per week = 5

Faculty:

Question: What were the best aspects of this course?

Response Rate: 50.00%  (4 of 8)

1. That there are several instructors with different teaching methods and that we get to learn about so many different topics.

2. On the lab survey I accidently though the lab survey was for the career 101 class, so I'm sorry. The one thing I have to say about the lab is there was more writing for it then other classes compared of the same caliber.

3. Having instructors from several fields teach independently was very insightful and interesting. The coverage of macro/micro aspects of several facets of not just the environment but policy made the course engaging.

4. Having guest speakers.

Faculty:

Question: What changes could be made to improve the course?

Response Rate: 25.00%  (2 of 8)

1. None.

2. To provide a more stable evaluation base, I should write/administer the examinations since adjusting to different teachers every few weeks can be difficult. Grading of lab reports sometimes varied considerably because student's styles were roughly the same.

Faculty:

Question: Describe the aspects of the instructor's teaching that were most effective.

Response Rate: 37.50%  (3 of 8)

1. Different teaching methods kept the course exciting and never boring. Also the instructors really being excited about what they were teaching made me excited also.

2. Multiple instructors.

3. Thought provoking discussions on all topics made the class enjoyable. Continual tie-ins with earlier material covered ensured complete understanding. This surprisingly was never redundant. Concise, easy to follow, and thorough coverage of all materials was a appreciated.

Faculty:

Question: Describe the aspects of the instructor's teaching that could be improved.

Response Rate: 25.00%  (2 of 8)

1. None.

2. N/A.
Laboratory Course Form

Course: ES150 30 - Intro/Approaches Env Sci
Instructor: Lab

Department: Chemistry
Resp. Rec'vd / Expected: 9/11

Survey Results

<table>
<thead>
<tr>
<th>Q1</th>
<th>Q2</th>
<th>Q3</th>
<th>Q4</th>
<th>Q5</th>
<th>Q6</th>
<th>Q7</th>
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<th>Q16</th>
<th>Q17</th>
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</tbody>
</table>

Laboratory Course Form

Q1 My lab instructor is well prepared.
Q2 I know what is expected of me in this course.
Q3 My lab instructor explains the lab procedures clearly.
Q4 My lab instructor promotes good use of laboratory time.
Q5 The lab assignments are interesting.
Q6 My lab instructor is enthusiastic about teaching this class.
Q7 My lab instructor motivates me to do well in the laboratory.
Q8 My lab instructor reinforces what I have learned in the lecture.
Q9 My lab instructor insists that we all follow safety procedures.
Q10 My lab instructor is impartial in dealing with students.
Q11 My lab instructor respects student questions about the subject matter.
Q12 My lab instructor is regularly available for consultation.

Responses

<table>
<thead>
<tr>
<th>[SA]</th>
<th>[A]</th>
<th>[N]</th>
<th>[D]</th>
<th>[SD]</th>
<th>Grp. Med.</th>
<th>Var.</th>
<th>N</th>
<th>Mean</th>
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<td>4.4</td>
<td>.44</td>
<td>9</td>
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</tr>
</tbody>
</table>
Q13 My lab instructor evaluates my work promptly.
Q14 My lab instructor provides helpful feedback on my progress.
Q15 Evaluations in this laboratory course are fair.
Q16 My lab instructor offers specific advice to promote improvements.
Q17 My lab instructor advances my knowledge in this lab section.
Q18 My lab instructor makes me more curious about the subject matter.
Q19 My lab instructor encourages me to work better with others in this course.
Q20 My instructor helps me learn important techniques in this course.


Q21 Your expected grade in the course:


Q22 Your reason for taking the course:

Responses:
[MR] Major requirement=5
[ME] Major elective=4
[LS] Liberal studies requirement=3
[MF] Minor/related field=2
[PI] Personal Interest only =1

Q23 Your level of interest in the subject prior to this course:

Validity

Q30 How many hours of work per week are required outside of class:

<table>
<thead>
<tr>
<th>Responses</th>
<th>Individual</th>
</tr>
</thead>
<tbody>
<tr>
<td>[A]</td>
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<td>[B]</td>
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<td>[C]</td>
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<td>[D]</td>
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<td>[O1]</td>
<td>0</td>
</tr>
</tbody>
</table>

Responses:
[A] 0 to 2 hours per week=1
[B] 3 to 5 hours per week=2
[C] 6 to 8 hours per week=3
[D] 9 to 11 hours per week=4
[O1] over 11 hours per week=5

Faculty:
Question: What were the best aspects of this course?
Response Rate: 77.78% (7 of 9)

1 Most labs were fun and interesting.
2 The best aspects of this course were the labs with dr. martin and mark lord.
3 Getting to talk about the homework in class because it let me see what others have done.
4 Hands on experience in a variety of sciences, techniques, and approaches to problem solving. Thoroughly enjoyable labs that were the appropriate length for the material covered. Detailed lab report breakdown helped not only in this class but other science classes tremendously.
5 Interesting
   I enjoyed lab and the different speakers that came to class.
   Getting to have multiple teachers

Faculty:
Question: What changes could be made to improve the course?
Response Rate: 55.56% (5 of 9)

1 More labs that aren't just dealing with water. It is not of my interest really and those were a large majority of the labs.
2 None
3 N/A
4 Concentrate more on fewer subjects
5 Less of a work load

Faculty:
Question: Describe the aspects of the instructor's teaching that were most effective.
Response Rate: 55.56% (5 of 9)

1 Showing us how to use equipment and explaining before hand what to do and why we were doing it.
2 Comenting in class about my work.
3 Since the course was taught by several instructors, this is a difficult description to blanket. Overall however, the initial discussion overview and subsequent "self guided" labs were effective.
   Each section was taught by knowledgeable instructors.
5 She was excited to be teaching our class and knew the material very well
Faculty:

Question: Describe the aspects of the instructor's teaching that could be improved.

Response Rate: 44.44% (4 of 9)

1. None, the instructor did a great job.
2. N/A
3. Didn't learn much in the Chemistry section.
4. Some assignment seems difficult and pointless

Faculty:

Question: Your attempted hours this term:

Response Rate: 88.89% (8 of 9)

1. 15
2. 15
3. 3
4. 1
5. 18
6. 15
7. 16
8. 12
Teaching Evaluation Summary – Dept. Chemistry/Physics Evaluation Form

Instructor: [Lecture]
Course: ES150: Intro/Approaches to Environmental Science
Note: This is a 6-person team-taught course coordinated by
Semester: Fall 2006
Note: Questions answered with written comments are on the next page

<table>
<thead>
<tr>
<th>Question</th>
<th>4</th>
<th>3</th>
<th>2</th>
<th>1</th>
<th>0*</th>
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</thead>
<tbody>
<tr>
<td>5 The instructor has an effective style of presentation (i.e., speaks clearly, uses the board effectively, etc.)</td>
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<td>3</td>
<td>5</td>
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<td></td>
<td>%</td>
<td>37</td>
<td>63</td>
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<tr>
<td>6 Attendance in class assisted the understanding of the course material</td>
<td>#</td>
<td>7</td>
<td>0</td>
<td>1</td>
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<tr>
<td></td>
<td>%</td>
<td>88</td>
<td>0</td>
<td>12</td>
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<tr>
<td>7 I found the Textbook and/or assigned readings in this class helpful and informative</td>
<td>#</td>
<td>2</td>
<td>2</td>
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<td>25</td>
<td>25</td>
<td>50</td>
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</tr>
<tr>
<td>8 The instructor was enthusiastic about the course material</td>
<td>#</td>
<td>6</td>
<td>2</td>
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<td>%</td>
<td>75</td>
<td>25</td>
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<td>9 The instructor explained concepts clearly</td>
<td>#</td>
<td>3</td>
<td>5</td>
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<td></td>
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<td>37</td>
<td>63</td>
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<tr>
<td>10 The instructor encouraged questions and participation in class</td>
<td>#</td>
<td>7</td>
<td>1</td>
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<tr>
<td></td>
<td>%</td>
<td>88</td>
<td>12</td>
<td>0</td>
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</tr>
<tr>
<td>11 The instructor seemed well prepared and well informed</td>
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<td>%</td>
<td>75</td>
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<tr>
<td>12 The instructor discussed the relevance and importance of the course materials</td>
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<tr>
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<td>37</td>
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<td></td>
</tr>
<tr>
<td>13 The instructor made good use of examples and illustrations</td>
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<td>1</td>
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<td></td>
<td>%</td>
<td>50</td>
<td>37</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td>14 The instructor was available and willing to help students</td>
<td>#</td>
<td>5</td>
<td>3</td>
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<td>37</td>
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<tr>
<td>15 I feel there were adequate opportunities and a good climate for learning in this class</td>
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<td>75</td>
<td>25</td>
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<tr>
<td>16 I have been challenged to think in this course</td>
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<tr>
<td></td>
<td>%</td>
<td>63</td>
<td>25</td>
<td>12</td>
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<tr>
<td>17 The quizzes and exams reflected the material covered in the lectures, assigned reading/problems</td>
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<tr>
<td></td>
<td>%</td>
<td>12</td>
<td>63</td>
<td>25</td>
<td></td>
</tr>
<tr>
<td>18 The Instructor returned exams and quizzes within a reasonable period of time</td>
<td>#</td>
<td>1</td>
<td>4</td>
<td>2**</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>%</td>
<td>12</td>
<td>50</td>
<td>25</td>
<td>12</td>
</tr>
<tr>
<td>19 I feel the instructor was fair in grading exams, quizzes and/or papers.</td>
<td>#</td>
<td>5</td>
<td>3</td>
<td>0</td>
<td></td>
</tr>
<tr>
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<td>%</td>
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<td>37</td>
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</tr>
</tbody>
</table>

* 4 = Excellent, 3 = Good, 2 = Average, 1 = Acceptable, 0 = Unacceptable

** One student commented: “but it was not the instructor’s fault”

** 3 students only answered the first page questions and did not fill in the rankings
Teaching Evaluation Summary – Dept. Chemistry/Physics Evaluation Form

Instructor:
Course: ES150: Intro/Approaches to Environmental Science
Semester: Fall 2006

Written Comments – Lecture Component
1. What is the single most valuable thing that you learned in this lecture course and how did you learn it? This “thing” may have no direct relationship to the course outline.
“Learned about the environment and how it affects us and how we effect the environment”, “a greater understanding of virtually all”, “I learned the different careers and majors that could come from an environmental science degree”, “I learned a lot about air quality and enjoyed that section particularly”, “air quality – very good presentation”, “I learned I was very interested in the clean up aspect of the environment”, “The RCE”, “smog in the mountains”, “I learned to relate different ideas and concepts and use a variety of concentrations to solve environmental problems”, “I learned about phytoremediation and how and when to use it”, “learning how to tie different topics in the environment together”

2. What aspects of this lecture course did you like the best?
“Learning about the environment and becoming aware about env. news”, “the different professors”, “I liked learning from all the different fields”, “topic changing was nice”, “relaxed atmosphere”, “the different faculty”, “new professors every 2 weeks”, “tinker toys with NRM”, “different viewpoints from all the teachers”, “the different teachers coming in”, “the multitude of different subjects”

3. What aspects of this lecture did you dislike or would like to see changed or improved?
“Nothing, except grading and test format unified”, “Nothing. I have no complaint towards the course or the teachers”, “It would be nice if had control of the test to ensure consistency with test and getting tests or assignments back quickly”, “too hard for 100 level class. If Laura could compose and grade tests it would be more efficient and more timely”, “odd being able to grade everything. It would increase the turn around rate and be more consistent”, “inconsistent testing”, “less powerpoints gets old after awhile”, “I thought that the tests should have been written by one teacher ( to be consistent”

5. What aspects of this lecture instructor did you like best? And the least?
Best: “she gave me info on jobs”, “the lecture instructor WAS AWESOME!!!”, “I liked her attitude and energy and excitement for the class”, “I liked the changing of instructors the best and that also made it difficult at times”, “knows the material very well”, “very informative”, “I liked that their were different instructors”, “they were all good”, “the teachers different lectures, that there were so many teachers”, “I liked all the instructors

The least: “I disliked how inconsistent the testing was”

20. Was the overall pace of the class too slow, just right or too fast?
”just right”, “a little fast at times”, “just right”, “just right”, “just right”, “just right”, “good”, “a little fast, but understandable”
21. Would you recommend this instructor to a friend?
"yes", "yes", "yes", "yes", "yes", "yes", "yes", "yes", "yes"

22. Additional Comments
"One professor should grade and create tests. Because the differences in test format was hard to cope with", "good class", "interesting", "hard to take test and get used to a certain style with a different teacher every week writing them"

Written Comments ES150 – Laboratory Component
1. What is the single more valuable thing that you learned in this lab course, and how did you learn it? (This thing may have no direct relationship to the course content)
"Loving nature", "I enjoyed going outside to Cullowhee Creek and gathering information", "I learned different procedures for fieldwork", "I learned wading in creeks for labs is fun. I enjoyed the activities we did in Cullowhee Creek", "measuring streams", "RCE was learned through the process of lab work", "Getting hands on time", "about what's being done to fix Cullowhee Creek", "forest sustainability field trip", "time management was a valuable thing I learned", "I found it interesting how effective sustainable forestry can be"

2. What aspects of this lab course did you like the best?
"the trips", "going outside", "getting out into the field", "the hands on, outdoors parts", "hands on", "changing of professors every 2 weeks", "getting hands on time", "going outside to do them", "hands on experience", "get to go outside", "I enjoyed the lab time we spent outdoors"

3. What aspects of this lab course did you dislike or would like to see changed or improved?
"** Not a thing**", "not going outside", "no complaints", "lab results took awhile to get back", "none", "nothing", "wasn't really in depth", "field trip for phytoremediation, air quality", "it was hard to keep up with changing material"

4. What aspects of this lab instructor did you like the best? And the least?
Best: "all of them", "her energy and excitement with the material", "Very informative, showed genuine interest in our learning", "all good", "I liked that we had different instructors", "their knowledge and enthusiasm", "the changes in location and seeing new techniques", "I liked that the instructors changed every couple weeks"
Least: "disliked a few of the labs"
Teaching Evaluation Summary – Dept. Chemistry/Physics Evaluation Form

Instructor: 

Course: ES150: Intro/Approaches to Environmental Science  
Number of responses: 9

Note: This is a 6-person team-taught course coordinated by Course was revised based on facilitated feedback session of the spring 2005 ES150 conducted by Dr. Dixie McGinty from Educational Foundations and Leadership

Semester: Fall 2005

Note: Questions answered with written comments are on the next page

<table>
<thead>
<tr>
<th>Question</th>
<th>4</th>
<th>3</th>
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<th>1</th>
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</thead>
<tbody>
<tr>
<td>5 The instructor has an effective style of presentation (i.e., speaks clearly, uses the board effectively, etc.)</td>
<td></td>
<td></td>
<td>1</td>
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<td>6 Attendance in class assisted the understanding of the course material</td>
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<tr>
<td>7 I found the Textbook and/or assigned readings in this class helpful and informative</td>
<td>1</td>
<td>5</td>
<td>3</td>
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<td>8 The instructor was enthusiastic about the course material</td>
<td>7</td>
<td>1</td>
<td>1</td>
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<tr>
<td>9 The instructor explained concepts clearly</td>
<td>4</td>
<td>4</td>
<td>1</td>
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<tr>
<td>10 The instructor encouraged questions and participation in class</td>
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<tr>
<td>11 The instructor seemed well prepared and well informed</td>
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<td>1</td>
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<tr>
<td>12 The instructor discussed the relevance and importance of the course materials</td>
<td>2</td>
<td>6</td>
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<tr>
<td>13 The instructor made good use of examples and illustrations</td>
<td>2</td>
<td>6</td>
<td></td>
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<tr>
<td>14 The instructor was available and willing to help students</td>
<td>6</td>
<td>2</td>
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<tr>
<td>15 I feel there were adequate opportunities and a good climate for learning in this class</td>
<td>3</td>
<td>5</td>
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<tr>
<td>16 I have been challenged to think in this course</td>
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<tr>
<td>17 The quizzes and exams reflected the material covered in the lectures, assigned reading/problems</td>
<td>5</td>
<td>3</td>
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<tr>
<td>18 The Instructor returned exams and quizzes within a reasonable period of time</td>
<td>3</td>
<td>4</td>
<td>1</td>
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<tr>
<td>19 I feel the instructor was fair in grading exams, quizzes and/or papers.</td>
<td>5</td>
<td>3</td>
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</tbody>
</table>

4 = Excellent, 3 = Good, 2 = Average, 1 = Acceptable, 0 = Unacceptable
Teaching Evaluation Summary – Dept. Chemistry/Physics Evaluation Form

Instructor: [Redacted]  
Number enrolled: 12
Course: ES150: Intro/Approaches to Environmental Science  
Number of responses: 9
Semester: Fall 2005

Written Comments – Lecture Component
Note: any text within brackets [ ] are insertions

1. What aspects of this lecture course did you like the best?
   "Learning all aspects of environmental science", "discussing how to use different kinds of science to solve environmental problems", "the interesting topics", "the labs where my favorite part of this class", "the different teachers", "the different teachers", "when we had group activities that involved the whole class", "how we had professors from all the fields, that made it so the lessons would be more descriptive", "all the different teachers that came in"

2. What aspects of this lecture did you dislike or would like to see changed or improved?
   "A little more hands on practice", "I liked the multiple instructor approach. I would have liked to have more forestry and ecology in the class", "less power point", "none really", "the test schedule", "when I was taking notes so fast I couldn’t absorb the information", "nothing really", "some teachers need to have more enthusiasm"

3. What aspects of this lecture instructor did you like (a) best? (b) least?
   (a)
   "all the teachers were enthusiastic about the material", "Laura was great about returning assignments to us", "the way she related topics", "she is very nice, and a very awesome lady", "very well informed", "building of the free-standing structure [an exercise lead by Dr. (NRM) during the policy section of the course]", "her love of the stuff we talked about", "she really seems like she enjoys teaching"
   (b)
   "some teachers did not give back [assignments]", "nothing", "the very end part of the movie we watched [video we watched on dam removal]", some of her views - that’s fine though"

20. Was the overall pace of the class too slow, just right or too fast?
   "just right", "just right", "just right", "just right", "too fast sometimes", "just right", "just right - sometimes too broad", "just right"

21. Would you recommend this instructor to a friend?
   "yes – she really likes what she is teaching", "yes", "yes because she is a great teacher", "yes – was a good instructor!", "yes – this was a very knowlageable course", "yes", "yes", "yes – good class"

22. Additional Comments
   "I thought the exams were fair yet pretty challenging, especially the [take home] written essays. They really force you to think critically and incorporate the material you have learned"
Teaching Evaluation Summary – Dept. Chemistry/Physics Evaluation Form

Instructor: Lab Number enrolled: 12
Course: ES150: Intro/Approaches to Environmental Science Number of responses: 9
Semester: Fall 2005

Written Comments – Laboratory Component
Note – any text within brackets [ ] are insertions

1. (a) What is the single more valuable thing that you learned in this lab course, and (b) how did you learn it? (This thing may have no direct relationship to the course content)
   (a) and (b) "data analysis – the stream restoration lab and the water quality lab"
   "I determined my major while I was learning to do stream/creek evaluations – I was knee deep in Cullowhee Creek taking measurements", "water quality and biodiversity of Cullowhee Creek", "liked working with different teachers", "the restoration analysis – I learned it with about the restoration of Cullowhee Creek. Learned about it in most of your labs", "I learned how to work in the field", "the restoration of Cullowhee Creek. Through a lab that was outside and actually in the creek", "I learned that there are a number of different sciences that are used to solve an environmental problem"

   What aspects of this lab course did you like the best?
   "the hands on experience", "the hands on labs and research", "that lab was outside most of the time", "the geology guy’s lab – I thought it was fun", "the outside activities", "All of the outside labs where nice", "being outside for many of the labs", "the outdoor part", "I enjoyed the outdoor labs: Cullowhee Creek, macro-invertebrate sampling"

2. What aspects of this lab course did you dislike or would like to see changed or improved?
   "It was pretty unorganized", "more hard copy notes", "some labs were not explained as good", "none", "the long lab writeups", "the chemistry part of the lab was to confusing", "none", "I disliked the way one was done. Leave directions and left, didn’t understand it very well", "I thought we had too many chemistry experiments to run in that particular lab. Even with working in groups we could not finish everything in time"

3. What aspects of this lab instructor did you like (a) the best? (b) the least?
   (a)
   "They were interested in helping us with the labs", "willing to work around a problem and help a student any way feasible", "playing in water", "always seemed excited. Loves what she was talking about", "how she related topics", "her enthusiasm for the subject in the course", "the geology instructor [ ] was very informative, "very into his/her work", "I enjoyed [ ] and Dr. [ ] sections on the creek"
   (b)
   "sometimes labs were unorganized", "inside talks about outside", "the boring labs", "nothing"
### Seminar Course Form: Organization and Clarity

<table>
<thead>
<tr>
<th>Question</th>
<th>[SA]</th>
<th>[A]</th>
<th>[D]</th>
<th>[SD]</th>
<th>Med.</th>
<th>Mode</th>
<th>S.D.</th>
<th>N</th>
<th>Mean</th>
</tr>
</thead>
<tbody>
<tr>
<td>Q1  My instructor is well prepared for class meetings.</td>
<td>5</td>
<td>2</td>
<td>0</td>
<td>0</td>
<td>4</td>
<td>4</td>
<td>.45</td>
<td>7</td>
<td>3.7</td>
</tr>
<tr>
<td>Q2  I know what is expected of me in this course.</td>
<td>4</td>
<td>3</td>
<td>0</td>
<td>0</td>
<td>4</td>
<td>4</td>
<td>.49</td>
<td>7</td>
<td>3.6</td>
</tr>
<tr>
<td>Q3  My instructor poses questions that stimulate discussion.</td>
<td>5</td>
<td>2</td>
<td>0</td>
<td>0</td>
<td>4</td>
<td>4</td>
<td>.45</td>
<td>7</td>
<td>3.7</td>
</tr>
<tr>
<td>Q4  The discussion sessions are well organized.</td>
<td>4</td>
<td>3</td>
<td>0</td>
<td>0</td>
<td>4</td>
<td>4</td>
<td>.49</td>
<td>7</td>
<td>3.6</td>
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</tbody>
</table>

**Responses:** [SA] Strongly Agree=4 [A] Agree=3 [D] Disagree=2 [SD] Strongly Disagree=1

### Seminar Course Form: Enthusiasm and Intellectual Stimulation

<table>
<thead>
<tr>
<th>Question</th>
<th>[SA]</th>
<th>[A]</th>
<th>[D]</th>
<th>[SD]</th>
<th>Med.</th>
<th>Mode</th>
<th>S.D.</th>
<th>N</th>
<th>Mean</th>
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<tbody>
<tr>
<td>Q5  My instructor makes me feel engaged in this class.</td>
<td>5</td>
<td>2</td>
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<td>0</td>
<td>4</td>
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<td>.45</td>
<td>7</td>
<td>3.7</td>
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<tr>
<td>Q6  Discussions in this class are stimulating.</td>
<td>5</td>
<td>2</td>
<td>0</td>
<td>0</td>
<td>4</td>
<td>4</td>
<td>.45</td>
<td>7</td>
<td>3.7</td>
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<tr>
<td>Q7  The instructor is enthusiastic about teaching this course.</td>
<td>4</td>
<td>3</td>
<td>0</td>
<td>0</td>
<td>4</td>
<td>4</td>
<td>.49</td>
<td>7</td>
<td>3.6</td>
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<tr>
<td>Q8  My instructor motivates me to do well in this course.</td>
<td>5</td>
<td>2</td>
<td>0</td>
<td>0</td>
<td>4</td>
<td>4</td>
<td>.45</td>
<td>7</td>
<td>3.7</td>
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</table>

**Responses:** [SA] Strongly Agree=4 [A] Agree=3 [D] Disagree=2 [SD] Strongly Disagree=1

### Seminar Course Form: Rapport and Respect

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<tr>
<th>Question</th>
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<th>[A]</th>
<th>[D]</th>
<th>[SD]</th>
<th>Med.</th>
<th>Mode</th>
<th>S.D.</th>
<th>N</th>
<th>Mean</th>
</tr>
</thead>
<tbody>
<tr>
<td>Q9  My instructor has a close rapport with the class.</td>
<td>4</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>4</td>
<td>4</td>
<td>0</td>
<td>5</td>
<td>4</td>
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<td>Q10 My instructor is impartial in dealing with students.</td>
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<td>1</td>
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<td>0</td>
<td>4</td>
<td>4</td>
<td>.40</td>
<td>6</td>
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<tr>
<td>Q11 My instructor respects student questions about the subject matter.</td>
<td>4</td>
<td>2</td>
<td>0</td>
<td>0</td>
<td>4</td>
<td>4</td>
<td>.47</td>
<td>7</td>
<td>3.7</td>
</tr>
<tr>
<td>Q12 My instructor respects opinions different from his or her own.</td>
<td>4</td>
<td>2</td>
<td>0</td>
<td>0</td>
<td>4</td>
<td>4</td>
<td>.47</td>
<td>7</td>
<td>3.7</td>
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</table>

**Responses:** [SA] Strongly Agree=4 [A] Agree=3 [D] Disagree=2 [SD] Strongly Disagree=1

### Seminar Course Form: Feedback and Accessibility

<table>
<thead>
<tr>
<th>Question</th>
<th>[SA]</th>
<th>[A]</th>
<th>[D]</th>
<th>[SD]</th>
<th>Med.</th>
<th>Mode</th>
<th>S.D.</th>
<th>N</th>
<th>Mean</th>
</tr>
</thead>
<tbody>
<tr>
<td>Q13 My instructor offers specific advice to remedy weaknesses.</td>
<td>5</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>4</td>
<td>4</td>
<td>.37</td>
<td>7</td>
<td>3.8</td>
</tr>
<tr>
<td>Q14 Evaluations in this course are fair.</td>
<td>5</td>
<td>0</td>
<td>2</td>
<td>0</td>
<td>4</td>
<td>4</td>
<td>.90</td>
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<td>3.4</td>
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<tr>
<td>Q15 Feedback from the instructor clearly indicates my standing in this course.</td>
<td>3</td>
<td>2</td>
<td>0</td>
<td>0</td>
<td>4</td>
<td>4</td>
<td>.49</td>
<td>7</td>
<td>3.6</td>
</tr>
<tr>
<td>Q16 My instructor offers specific advice to promote improvements.</td>
<td>5</td>
<td>2</td>
<td>0</td>
<td>0</td>
<td>4</td>
<td>4</td>
<td>.45</td>
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**Responses:** [SA] Strongly Agree=4 [A] Agree=3 [D] Disagree=2 [SD] Strongly Disagree=1
### Seminar Course Form

**Student Perceptions of Learning**

<table>
<thead>
<tr>
<th>Question</th>
<th>Responses</th>
<th>Individual</th>
</tr>
</thead>
<tbody>
<tr>
<td>My instructor advances my knowledge of course content.</td>
<td>[SA] 4 [A] 2 [D] 0 [SD] 0</td>
<td>Med. 4</td>
</tr>
<tr>
<td>My instructor helps me to learn to work better with other students.</td>
<td>[SA] 4 [A] 2 [D] 0 [SD] 0</td>
<td>Med. 4</td>
</tr>
<tr>
<td>My instructor enhances my capacity to communicate effectively about the course content.</td>
<td>[SA] 4 [A] 2 [D] 0 [SD] 0</td>
<td>Med. 4</td>
</tr>
<tr>
<td>My instructor encourages me to value new viewpoints related to course content.</td>
<td>[SA] 4 [A] 2 [D] 0 [SD] 0</td>
<td>Med. 4</td>
</tr>
</tbody>
</table>


### Faculty:

**Question:** Describe the best aspects of this course.

**Response Rate:** 100.00% (7 of 7)

1. This seminar class was organized well. I really enjoyed getting to work closely with people I would not have worked with otherwise. The topic was good and the majority of the class was well motivated by the professor.

2. It is the best at what she does, definitely gives all the time she has to the students to help out. I couldn't imagine taking a senior seminar and trying to get done what we are doing with anyone else besides her guiding us.

3. It was hard work, but fun too.

4. This course is a really interesting and fun class have learned allot about myself and topics of Environmental Science.

5. The best aspects of this course is you set your own deadlines and learn to manage your time.

6. Creating a project, from the question to the answer, gave a great understanding into the dynamics of this process.

7. Great semester! I really enjoyed learning different things this semester from the group, and laura.

### Faculty:

**Question:** Describe changes that could be made to improve the course.

**Response Rate:** 71.43% (5 of 7)

1. A group contract at the beginning of the semester to outline expectations would have help after the first part of the year. I felt like there was no pathway to tell people to work harder, be on time, and meet deadlines.

2. A mandatory lab time each week

3. Nothing needs to be changed good class.

4. The journals were hard to keep up with. It would be better if the journals were online rather than having to turn them in by a certain time.

5. Knowing the general subject matter prior to the beginning of class would have given students a leg up in the creation of the problem (felt it took to long).
201010 2010

Course: ES495 01 - Sr Rsrch Sem-Env Science
Instructor:

Western Carolina University
Undergraduate and Graduate

Department: Chemistry
Resp. Rec'vd / Expected: 3/3

* Independent Research Form
Organization and Clarity

<table>
<thead>
<tr>
<th>Responses</th>
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<tr>
<td>[SA] [A] [D] [SD]</td>
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* Independent Research Form
Enthusiasm and Intellectual Stimulation

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<th>Responses</th>
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* Independent Research Form
 Rapport and Respect

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<th>Responses</th>
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* Independent Research Form
Feedback and Accessibility

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* Independent Research Form
Student Perceptions of Learning

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<td>[SA] [A] [D] [SD]</td>
<td>Med.</td>
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<td>3</td>
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<tr>
<td>2 1 0 0</td>
<td>4</td>
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</table>

Q19 My research advisor stimulates my curiosity about my project. 2 1 0 0 4 4 .47 3 3.7
Q20 My research advisor encourages me to value new viewpoints related to my project. 2 1 0 0 4 4 .47 3 3.7


Faculty:
Question: Describe the best aspects of this course.
Response Rate: 100.00% (3 of 3)

1 The best aspects of this was the integration of all science concentrations that an ES Major has experienced. I really enjoyed working with my group members and the difficulty was the right amount of challenge for my undergraduate degree.
2 This project really motivated me and brought out new quantitative aspects of myself I didn't realize I had. This was a great, stressful and enjoyable experience.
3 The whole process was painful.

Faculty:
Question: Describe changes that could be made to improve the course.
Response Rate: 100.00% (3 of 3)

1 I liked the way the ES Capstone was structured, where alot of deadlines were left up to us not as structured like the NRCM capstone project with hard deadlines every week. I think I would keep the way class the same way.
2 Nothing comes to mind.
3 Leadership was lacking in the group. For future reference the advisor should have a more hands on approach because frequently the group would stray from what needed to be done, and just wasted my time. With a strong sense of leadership (that can only be provided by the advisor) could there could be a punishment and reward system that would encourage the team to work appropriately.
Course: ES495 01 - Sr Rsrch Sem-Env Science

Instructor:

* Seminar Course Form
Organization and Clarity

Q1 My instructor is well prepared for class meetings.
Q2 I know what is expected of me in this course.
Q3 My instructor poses questions that stimulate discussion.
Q4 The discussion sessions are well organized.


* Seminar Course Form
Enthusiasm and Intellectual Stimulation

Q5 My instructor makes me feel engaged in this class.
Q6 Discussions in this class are stimulating.
Q7 The instructor is enthusiastic about teaching this course.
Q8 My instructor motivates me to do well in this course.


* Seminar Course Form
Rapport and Respect

Q9 My instructor has a close rapport with the class.
Q10 My instructor is impartial in dealing with students.
Q11 My instructor respects student questions about the subject matter.
Q12 My instructor respects opinions different from his or her own.


* Seminar Course Form
Feedback and Accessibility

Q13 My instructor offers specific advice to remedy weaknesses.
Q14 Evaluations in this course are fair.
Q15 Feedback from the instructor clearly indicates my standing in this course.
Q16 My instructor offers specific advice to promote improvements.


* Seminar Course Form
Student Perceptions of Learning

Q17 My instructor advances my knowledge of course content.
Q18 My instructor helps me to learn to work better with other students.

Q19 My instructor enhances my capacity to communicate effectively about the course content. 3 3 0 0 3 3,4 .50 6 3.5
Q20 My instructor encourages me to value new viewpoints related to course content. 3 3 0 0 3 3,4 .50 6 3.5


Faculty:
Question: Describe the best aspects of this course.
Response Rate: 33.33% (2 of 6)

How the teacher was able to understand our weaknesses and improve upon them without us even realizing it. She was always there for support or advice and I found that comforting. When things were not done correctly she reprimanded us correctly and fairly because this was supposed to be a professional environment and no boss will cuddle you when your feeling down. You get what needs to get done

1 I enjoyed the freedom of the course work

Faculty:
Question: Describe changes that could be made to improve the course.
Response Rate: 33.33% (2 of 6)

1 Really nothing, I learned so much about what to expect when I leave WCU, so for that I am thankful.
2 Explaining what was expected from the class. The project changed several time on what was expected from us.
Final Evaluation of LECTURE COURSE and INSTRUCTOR
Department of Chemistry and Physics
Western Carolina University

Name of Instructor

Course and Section Number
ES 495-01

SPRING SEMESTER 2007

Please complete the following information:
What is your present status? Freshman____; Sophomore____; Junior____; Senior____
What would you estimate your current grade in this course to be? A________

The space after each of the following questions is provided for written compliments, criticisms, and suggestions. Please take the time to add your comments; your instructors take these evaluations very seriously.

1. What is the single most valuable thing that you learned in the LECTURE COURSE and how did you learn it? This “thing” may have no direct relationship to the course content.
   Professional writing methods

2. What aspects of this LECTURE COURSE did you like the best?
   Independent research at the goal of the project itself

3. What aspects of this LECTURE COURSE did you dislike or would like to see changed or improved?
   - Would prefer individual grades on papers
   This was a heavy work load + large time commitment.
   More credit hours?

4. What aspects of this LECTURE INSTRUCTOR did you like the best? And the least?
She knows the requirements for professional publications & presentations.
Good ideas for content & organization.
I wish we turned the papers in earlier so we had more time to edit them.
In addition to writing your comments in the space provided, use the following numerical scale to evaluate the instructor/course by placing a number grade (0-4) before each of the following statements:

4=Excellent  3=Good  2=Average  1=Acceptable  0=Unacceptable

5. The instructor has an effective style of presentation (i.e.; speaks clearly, uses the board effectively, etc.)

6. Attendance in class assisted the understanding of the course material.

7. I found the textbook and/or assigned readings in this class helpful and informative.

8. The instructor was enthusiastic about the course material.

9. The instructor explained difficult concepts clearly.

10. The instructor encouraged questions and participation in class.

11. The instructor seemed well prepared and well informed.

12. The instructor discussed the relevance and importance of the course material.

13. The instructor made good use of examples and illustrations.

14. The instructor was available and willing to help students.

15. I feel that there were adequate opportunities and a good climate for learning in the class.

16. In this course I have been challenged to think.

17. The quizzes and exams reflected the material covered in the lectures, textbook, assigned readings and/or assigned problems.

18. The instructor returned exams and quizzes within a reasonable period of time.

19. I feel that the instructor was fair in grading exams, quizzes, and/or papers.

20. Was the overall pace of the class to slow, just right or too fast?  

21. Would you recommend this instructor to a friend? Yes\checkmark\, No\_. Why or why not?

   \textit{Promotes critical thinking, She's an excellent scientist and teacher.}

22. Additional comments:
Name of Instructor

Course and Section Number
ES 495-01

SPRING SEMESTER 2007

Please complete the following information:
What is your present status? Freshman ; Sophomore ; Junior ; Senior  /
What would you estimate your current grade in this course to be? A / B

The space after each of the following questions is provided for written compliments, criticisms, and suggestions. Please take the time to add your comments; your instructors take these evaluations very seriously.

1. What is the single most valuable thing that you learned in the LECTURE COURSE and how did you learn it? This “thing” may have no direct relationship to the course content.

   The Importance of Time Management

2. What aspects of this LECTURE COURSE did you like the best?

   There was a lot that I learned in this course

3. What aspects of this LECTURE COURSE did you dislike or would like to see changed or improved?

   This course is a little too consuming but I think it’s supposed to be

4. What aspects of this LECTURE INSTRUCTOR did you like the best? And the least?
In addition to writing your comments in the space provided, use the following numerical scale to evaluate the instructor/course by placing a number grade (0-4) before each of the following statements:

4=Excellent  3=Good    2=Averag  1=Aceptable  0=Unaceptable

4 5. The instructor has an effective style of presentation (i.e., speaks clearly, uses the board effectively, etc.)

4 6. Attendance in class assisted the understanding of the course material.

7 7. I found the textbook and/or assigned readings in this class helpful and informative.

4 8. The instructor was enthusiastic about the course material.

4 9. The instructor explained difficult concepts clearly.

4 10. The instructor encouraged questions and participation in class.

2 11. The instructor seemed well prepared and well informed.

4 12. The instructor discussed the relevance and importance of the course material.

8 13. The instructor made good use of examples and illustrations.

2 14. The instructor was available and willing to help students.

2 15. I feel that there were adequate opportunities and a good climate for learning in the class.

4 16. In this course I have been challenged to think.

5 17. The quizzes and exams reflected the material covered in the lectures, textbook, assigned readings and/or assigned problems.

4 18. The instructor returned exams and quizzes within a reasonable period of time.

4 19. I feel that the instructor was fair in grading exams, quizzes, and/or papers.

20. Was the overall pace of the class to slow, just right or too fast?

   It was a little fast for me with all my other courses.

21. Would you recommend this instructor to a friend? Yes____ No____ Why or why not?

22. Additional comments:
Please complete the following information:

What is your present status? Freshman; Sophomore; Junior; Senior
What would you estimate your current grade in this course to be? A or B

The space after each of the following questions is provided for written compliments, criticisms, and suggestions. Please take the time to add your comments; your instructors take these evaluations very seriously.

1. What is the single most valuable thing that you learned in the LECTURE COURSE and how did you learn it? This “thing” may have no direct relationship to the course content. A real world application of things I’ve learned through my program.

2. What aspects of this LECTURE COURSE did you like the best?
   The hands on experience of data collection and analysis

3. What aspects of this LECTURE COURSE did you dislike or would like to see changed or improved?
   The work load was absolutely ridiculous for a 3 credit course. I spent more time outside of class for this course than all 3 of my other classes combined!

4. What aspects of this LECTURE INSTRUCTOR did you like the best? And the least?
   She was enthusiastic about the project. She made this much more stressful than it had to be.
In addition to writing your comments in the space provided, use the following numerical scale to evaluate the instructor/course by placing a number grade (0-4) before each of the following statements:

4=Excellent  3=Good  2=Average  1=Acceptable  0=Unacceptable

4. The instructor has an effective style of presentation (i.e.; speaks clearly, uses the board effectively, etc.)

3. Attendance in class assisted the understanding of the course material.

3. I found the textbook and/or assigned readings in this class helpful and informative.

3. The instructor was enthusiastic about the course material.

2. The instructor explained difficult concepts clearly.

2. The instructor encouraged questions and participation in class.

4. The instructor seemed well prepared and well informed.

3. The instructor discussed the relevance and importance of the course material.

3. The instructor made good use of examples and illustrations.

4. The instructor was available and willing to help students.

3. I feel that there were adequate opportunities and a good climate for learning in the class.

3. In this course I have been challenged to think.

3. The quizzes and exams reflected the material covered in the lectures, textbook, assigned readings and/or assigned problems.

3. The instructor returned exams and quizzes within a reasonable period of time.

3. I feel that the instructor was fair in grading exams, quizzes, and/or papers.

20. Was the overall pace of the class to slow, just right or too fast?

21. Would you recommend this instructor to a friend? Yes [ ] No [ ] Why or why not? [ ]

22. Additional comments: [ ]

I would suggest Individual projects next time decided by the students involved instead of an assigned group project.
Final Evaluation of LECTURE COURSE and INSTRUCTOR
Department of Chemistry and Physics
Western Carolina University

Name of Instructor

Course and Section Number
ES 495-01

SPRING SEMESTER 2007

Please complete the following information:
What is your present status? Freshman ; Sophomore ; Junior ; Senior √
What would you estimate your current grade in this course to be? _________ A ________ 

The space after each of the following questions is provided for written compliments, criticisms, and suggestions. Please take the time to add your comments; your instructors take these evaluations very seriously.

1. What is the single most valuable thing that you learned in the LECTURE COURSE and how did you learn it? This "thing" may have no direct relationship to the course content.

Research + putting powerpoints, papers, poster together

2. What aspects of this LECTURE COURSE did you like the best?

Learning about alternative energy and how to apply it

3. What aspects of this LECTURE COURSE did you dislike or would like to see changed or improved?

Very time consuming, too much work to do with everything else I had going.

4. What aspects of this LECTURE INSTRUCTOR did you like the best? And the least?

Best - helping me put all my work together +
Helping me improve in expanding
Work ethics
In addition to writing your comments in the space provided, use the following numerical scale to evaluate the instructor/course by placing a number grade (0-4) before each of the following statements:

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4. The instructor has an effective style of presentation (i.e.; speaks clearly, uses the board effectively, etc.)

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4. The instructor encouraged questions and participation in class.

4. The instructor seemed well prepared and well informed.

4. The instructor discussed the relevance and importance of the course material.

3. The instructor made good use of examples and illustrations.

3. The instructor was available and willing to help students.

3. I feel that there were adequate opportunities and a good climate for learning in the class.

4. In this course I have been challenged to think.

4. The quizzes and exams reflected the material covered in the lectures, textbook, assigned readings and/or assigned problems.

2. The instructor returned exams and quizzes within a reasonable period of time.

3. I feel that the instructor was fair in grading exams, quizzes, and/or papers.

20. Was the overall pace of the class to slow, just right or too fast?

\[ \text{too fast} \]

21. Would you recommend this instructor to a friend? Yes \( \checkmark \) No____ Why or why not?

22. Additional comments:
Please complete the following information:
What is your present status? Freshman____; Sophomore____; Junior X____; Senior_____
What would you estimate your current grade in this course to be? __95__________

The space after each of the following questions is provided for written compliments, criticisms, and suggestions. Please take the time to add your comments; your instructors take these evaluations very seriously.

1. What is the single most valuable thing that you learned in the LECTURE COURSE and how did you learn it? This “thing” may have no direct relationship to the course content.

   learning how to work as a team and pull things together.

2. What aspects of this LECTURE COURSE did you like the best?

   Going outside of our own campus to study.

3. What aspects of this LECTURE COURSE did you dislike or would like to see changed or improved?

   More credit hours for this class. It’s hard work that is worth more than 3 credit hours.

4. What aspects of this LECTURE INSTRUCTOR did you like the best? And the least?

   I liked how she was available at all times for help. She did well to provide constructive answers to our questions.

   I did not like how she gave us total control over time limits and didn’t ask for drafts until the end. I think this caused a Scramble near the end, when we could have spent time improving our drafts earlier.
In addition to writing your comments in the space provided, use the following numerical scale to evaluate the instructor/course by placing a number grade (0-4) before each of the following statements:

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19. I feel that the instructor was fair in grading exams, quizzes, and/or papers.

20. Was the overall pace of the class to slow, just right or too fast?

   Too much, there isn't enough time to do things

21. Would you recommend this instructor to a friend? Yes ☒ No ___ Why or why not?

22. Additional comments: