Dear Instructor Edsel Pena (as private and confidential)

Report: Course Evaluation, to the Teachers

Dear Instructor Pena,

This email contains evaluation results for Probability Theory STAT 810 001 / STATS08 - FALL 2010:

21 students are enrolled for this course. Participation 100%

The global indicators are listed first, followed by the individual average values, consisting of the following scales:
- INSTRUCTOR EVALUATION (Part I)
- INSTRUCTOR OVERALL
- STUDENT OUTCOME (PART II)
- OVERALL STUDENT OUTCOME
- COURSE EVALUATION (Part III)
- OVERALL COURSE EVALUATION (PART IV)
- COMMUNICATION AND RESOURCES
- MISCELLANEOUS INSTRUCTOR QUESTIONS

In the second part of the analysis the average values of all individual questions are listed.
Overall indicators

Global Index

1. INSTRUCTOR EVALUATION (Part I)

2. INSTRUCTOR OVERALL

3. STUDENT OUTCOME (PART II)

4. OVERALL STUDENT OUTCOME

5. COURSE EVALUATION (Part III)

6. OVERALL COURSE EVALUATION (PART IV)

8. COMMUNICATION AND RESOURCES

Survey Results

Legend

Question text

1. INSTRUCTOR EVALUATION (Part I)

1.1) The instructor clearly stated the instructional objectives of the course.

1.2) The instructor clearly stated the method by which your final grade would be determined.

1.3) The instructor clearly explained any special requirements of attendance which differ from the attendance policy of the University.
1.4) The instructor clearly graded and returned the student's written work (e.g., examinations and papers) in a timely manner.

1.5) The instructor met the class regularly and at the scheduled times.

1.6) The instructor scheduled a reasonable number of office hours per week.

1.7) Please indicate your satisfaction with the availability of the instructor outside the classroom. (In selecting your rating, consider the instructor's availability via established office hours, appointments, and other opportunities for face-to-face interaction as well as via telephone, e-mail, fax and other means)

1.8) If web sites, Blackboard, or other Internet resources were a part of this course, to what extent did they enhance or detract from your learning experience in the course.

1.9) displays a clear understanding of the subject matter and course topics.

1.10) motivates me to learn the subject.

1.11) gives clear and helpful responses to student questions.

1.12) is concerned that students learn the material.

1.13) treats students with respect.

1.14) grades fairly.

1.15) well-utilized class time, either by lecture, group work, student presentations or other activities.
2. INSTRUCTOR OVERALL

2.1) OVERALL, considering all aspects, I rate the overall performance of my instructor as:

- 1: 0% 0% 0% 0% 96%
- 2: 0% 0% 5% 0% 95%
- 3: 0% 0% 0% 0% 95%
- 4: 0% 0% 0% 0% 96%
- 5: 0% 0% 10% 25% 65%

n=20
av.=4.9
dev.=0.45

3. STUDENT OUTCOME (PART II)

3.1) Gaining factual knowledge of this subject (terminology, methods, skills).

- 1: 0% 0% 0% 0% 10%
- 2: 0% 0% 5% 25% 65%
- 3: 0% 0% 0% 0% 10%
- 4: 0% 0% 0% 0% 20%
- 5: 0% 0% 0% 0% 10%

n=20
av.=4.55
dev.=0.69

3.2) Learning fundamental principles, theories or generalizations.

- 1: 0% 0% 0% 0% 5%
- 2: 0% 0% 5% 30% 65%
- 3: 0% 0% 0% 0% 20%
- 4: 0% 0% 0% 0% 20%
- 5: 0% 0% 0% 0% 20%

n=20
av.=4.6
dev.=0.6

3.3) Improving my oral and written communication skills.

- 1: 0% 0% 0% 0% 5%
- 2: 0% 0% 5% 30% 65%
- 3: 0% 0% 0% 0% 20%
- 4: 0% 0% 0% 0% 20%
- 5: 0% 0% 0% 0% 20%

n=20
av.=4.3
dev.=0.8

3.4) Learning to apply course materials to improve decision making, rational thinking and problem solving.

- 1: 0% 0% 0% 0% 5%
- 2: 0% 0% 5% 30% 65%
- 3: 0% 0% 0% 0% 20%
- 4: 0% 0% 0% 0% 20%
- 5: 0% 0% 0% 0% 20%

n=20
av.=4.6
dev.=0.8

4. OVERALL STUDENT OUTCOME

4.1) OVERALL, I rate the progress I have made in this course as compared with others I have taken as:

- 1: 0% 0% 0% 0% 15%
- 2: 0% 0% 0% 0% 15%
- 3: 0% 0% 0% 0% 15%
- 4: 0% 0% 0% 0% 15%
- 5: 0% 0% 0% 0% 15%

n=20
av.=4.4
dev.=0.75

5. COURSE EVALUATION (Part III)

5.1) Exams assess and reflect course material accurately.

- 1: 0% 0% 0% 0% 15.8%
- 2: 0% 0% 0% 0% 16.6%
- 3: 0% 0% 0% 0% 15.8%
- 4: 0% 0% 0% 0% 15.8%
- 5: 0% 0% 0% 0% 15.8%

n=19
av.=4.84
dev.=0.37

5.2) Specified objectives for this course were achieved.

- 1: 0% 0% 0% 0% 20%
- 2: 0% 0% 0% 0% 20%
- 3: 0% 0% 0% 0% 20%
- 4: 0% 0% 0% 0% 20%
- 5: 0% 0% 0% 0% 20%

n=20
av.=4.8
dev.=0.41

5.3) Text was clear, readable and useful.

- 1: 0% 0% 0% 0% 5.3%
- 2: 0% 0% 0% 0% 5.3%
- 3: 0% 0% 0% 0% 5.3%
- 4: 0% 0% 0% 0% 5.3%
- 5: 0% 0% 0% 0% 5.3%

n=19
av.=4.63
dev.=0.6

5.4) The classroom atmosphere was conducive to free expression of ideas and questioning.

- 1: 0% 0% 0% 0% 10%
- 2: 0% 0% 0% 0% 10%
- 3: 0% 0% 0% 0% 10%
- 4: 0% 0% 0% 0% 10%
- 5: 0% 0% 0% 0% 10%

n=20
av.=4.8
dev.=0.52

5.5) The departmental prerequisite courses were adequate preparation for this course.

- 1: 0% 0% 0% 0% 5.6%
- 2: 0% 0% 0% 0% 5.6%
- 3: 0% 0% 0% 0% 5.6%
- 4: 0% 0% 0% 0% 5.6%
- 5: 0% 0% 0% 0% 5.6%

n=18
av.=4.83
dev.=0.51
### 6. OVERALL COURSE EVALUATION (PART IV)

6.1) OVERALL, considering all of the above aspects, I rate this course as:

<table>
<thead>
<tr>
<th>Rating</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>21.1%</td>
</tr>
<tr>
<td>2</td>
<td>33.3%</td>
</tr>
<tr>
<td>3</td>
<td>22.2%</td>
</tr>
<tr>
<td>4</td>
<td>7.8%</td>
</tr>
<tr>
<td>5</td>
<td>10%</td>
</tr>
</tbody>
</table>

\[ n=19 \]
\[ \text{av.}=4.79 \]
\[ \text{dev.}=0.42 \]

### 7. COURSE EVALUATION (PART V)

7.1) Related to my other courses, the material covered was:

<table>
<thead>
<tr>
<th>Rating</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>11.1%</td>
</tr>
<tr>
<td>2</td>
<td>33.3%</td>
</tr>
<tr>
<td>3</td>
<td>11.1%</td>
</tr>
<tr>
<td>4</td>
<td>33.3%</td>
</tr>
<tr>
<td>5</td>
<td>0%</td>
</tr>
</tbody>
</table>

\[ n=18 \]
\[ \text{av.}=2.67 \]
\[ \text{dev.}=0.97 \]

7.2) Related to my other courses, the workload was:

<table>
<thead>
<tr>
<th>Rating</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>15.8%</td>
</tr>
<tr>
<td>2</td>
<td>26.3%</td>
</tr>
<tr>
<td>3</td>
<td>57.9%</td>
</tr>
<tr>
<td>4</td>
<td>0%</td>
</tr>
<tr>
<td>5</td>
<td>0%</td>
</tr>
</tbody>
</table>

\[ n=19 \]
\[ \text{av.}=2.42 \]
\[ \text{dev.}=0.77 \]

### 8. COMMUNICATION AND RESOURCES

8.1) the opportunities to interact with other students in the class?

<table>
<thead>
<tr>
<th>Rating</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0%</td>
</tr>
<tr>
<td>2</td>
<td>20%</td>
</tr>
<tr>
<td>3</td>
<td>20%</td>
</tr>
<tr>
<td>4</td>
<td>60%</td>
</tr>
<tr>
<td>5</td>
<td>0%</td>
</tr>
</tbody>
</table>

\[ n=15 \]
\[ \text{av.}=4.8 \]
\[ \text{dev.}=0.41 \]

8.2) the opportunities to interact with the professor in this course?

<table>
<thead>
<tr>
<th>Rating</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0%</td>
</tr>
<tr>
<td>2</td>
<td>0%</td>
</tr>
<tr>
<td>3</td>
<td>12.5%</td>
</tr>
<tr>
<td>4</td>
<td>87.5%</td>
</tr>
<tr>
<td>5</td>
<td>0%</td>
</tr>
</tbody>
</table>

\[ n=16 \]
\[ \text{av.}=4.88 \]
\[ \text{dev.}=0.34 \]

8.3) the promptness of the feedback that you received in this course?

<table>
<thead>
<tr>
<th>Rating</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0%</td>
</tr>
<tr>
<td>2</td>
<td>0%</td>
</tr>
<tr>
<td>3</td>
<td>26.7%</td>
</tr>
<tr>
<td>4</td>
<td>73.3%</td>
</tr>
<tr>
<td>5</td>
<td>0%</td>
</tr>
</tbody>
</table>

\[ n=15 \]
\[ \text{av.}=4.73 \]
\[ \text{dev.}=0.46 \]

8.4) the technology support required in this course?

<table>
<thead>
<tr>
<th>Rating</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0%</td>
</tr>
<tr>
<td>2</td>
<td>16.7%</td>
</tr>
<tr>
<td>3</td>
<td>8.3%</td>
</tr>
<tr>
<td>4</td>
<td>75%</td>
</tr>
<tr>
<td>5</td>
<td>0%</td>
</tr>
</tbody>
</table>

\[ n=12 \]
\[ \text{av.}=4.58 \]
\[ \text{dev.}=0.79 \]

8.5) the opportunities to access library resources and library support for this course?

<table>
<thead>
<tr>
<th>Rating</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0%</td>
</tr>
<tr>
<td>2</td>
<td>8.3%</td>
</tr>
<tr>
<td>3</td>
<td>16.7%</td>
</tr>
<tr>
<td>4</td>
<td>75%</td>
</tr>
<tr>
<td>5</td>
<td>0%</td>
</tr>
</tbody>
</table>

\[ n=12 \]
\[ \text{av.}=4.67 \]
\[ \text{dev.}=0.65 \]

### 9. MISCELLANEOUS INSTRUCTOR QUESTIONS

9.1) Miscellaneous #1

The evaluation will not be displayed due to low response rate.

9.2) Miscellaneous #2

The evaluation will not be displayed due to low response rate.

9.3) Miscellaneous #3

The evaluation will not be displayed due to low response rate.

9.4) Miscellaneous #4

The evaluation will not be displayed due to low response rate.

9.5) Miscellaneous #5

The evaluation will not be displayed due to low response rate.
**Profile**

<table>
<thead>
<tr>
<th>Subunit: Statistics</th>
<th>Statistics</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name of the instructor:</td>
<td>Edsel Pena</td>
</tr>
<tr>
<td>Name of the course:</td>
<td>Probability Theory STAT 810 001</td>
</tr>
</tbody>
</table>

1.1) The instructor clearly stated the instructional objectives of the course.  
1.2) The instructor clearly stated the method by which your final grade would be determined.  
1.3) The instructor clearly explained any special requirements of attendance which differ from the attendance policy of the University.  
1.4) The instructor clearly graded and returned the student's written work (e.g., examinations and papers) in a timely manner.  
1.5) The instructor met the class regularly and at the scheduled times.  
1.6) The instructor scheduled a reasonable number of office hours per week.  
1.7) Please indicate your satisfaction with the availability of the instructor outside the classroom. (In selecting your rating, consider the instructor's availability via established office hours, appointments, and other opportunities for face-to-face contact.)  
1.8) If web sites, Blackboard, or other Internet resources were a part of this course, to what extent did they enhance or detract from your learning experience in the course?  
1.9) displays a clear understanding of the subject matter and course topics.  
1.10) motivates me to learn the subject.  
1.11) gives clear and helpful responses to student questions.  
1.12) is concerned that students learn the material.  
1.13) treats students with respect.  
1.14) grades fairly.  
1.15) well-utilized class time, either by lecture, group work, student presentations or other activities.  

2.1) OVERALL, considering all aspects, I rate the overall performance of my instructor as:  
3.1) Gaining factual knowledge of this subject (terminology, methods, skills).  
3.2) Learning fundamental principles, theories or generalizations.  
3.3) Improving my oral and written communication skills.  
3.4) Learning to apply course materials to improve decision making, rational thinking and problem solving.  

4.1) OVERALL, I rate the progress I have made in this course as compared with others I have taken as:  
5.1) Exams assess and reflect course material accurately.  
5.2) Specified objectives for this course were achieved.  
5.3) Text was clear, readable and useful.  
5.4) The classroom atmosphere was conducive to free expression of ideas and questioning.
5.5) The departmental prerequisite courses were adequate preparation for this course.

6.1) OVERALL, considering all of the above aspects, I rate this course as:

7.1) Related to my other courses, the material covered was:

7.2) Related to my other courses, the workload was:

8.1) the opportunities to interact with other students in the class?

8.2) the opportunities to interact with the professor in this course?

8.3) the promptness of the feedback that you received in this course?

8.4) the technology support required in this course?

8.5) the opportunities to access library resources and library support for this course?

9.1) Miscellaneous #1 (*)

9.2) Miscellaneous #2 (*)

9.3) Miscellaneous #3 (*)

9.4) Miscellaneous #4 (*)

9.5) Miscellaneous #5 (*)

(*) Note: If the number of responses to a question is too low the evaluation will not be displayed in the profile line.
<table>
<thead>
<tr>
<th>Subunit: Statistics</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Name of the instructor: Edsel Pena</td>
<td></td>
</tr>
<tr>
<td>Name of the course: Probability Theory STAT 810 001</td>
<td></td>
</tr>
</tbody>
</table>

1. INSTRUCTOR EVALUATION (Part I) 
   - av. = 4.91

2. INSTRUCTOR OVERALL 
   - av. = 4.9

3. STUDENT OUTCOME (PART II) 
   - av. = 4.51

4. OVERALL STUDENT OUTCOME 
   - av. = 4.4

5. COURSE EVALUATION (Part III) 
   - av. = 4.78

6. OVERALL COURSE EVALUATION (PART IV) 
   - av. = 4.79

8. COMMUNICATION AND RESOURCES 
   - av. = 4.74
7. COURSE EVALUATION (PART V)

7.3) Please comment on what you feel are the positive and negative aspects of your instructor and his/her teaching outlook:

- Related well to the students
- Excellent student

- Helpful outside of class

- There might have been times when a more intuitive approach would have been better than more technical proofs.

- Fantastic! Mathematician keeps interest high!

He was very helpful and available. Perhaps it was not as ready as I thought I was for this course and he could have warned me of the difficulty beforehand, but he was always willing to help.

Every class was fun.

Thanks for including math people.

I feel that Dr. Pena is a very excellent professor in STAT dept.

Good Job

- Related well to the students
- Excellent student

- Helpful outside of class

- There might have been times when a more intuitive approach would have been better than more technical proofs.
Great teacher. lower score on the "student outcome" because I had been in most of the material before. Not a reflection on him.

Professor Pena is great!
The class is interesting. We learn a lot.

Dr. Pena is a great professor and USC could benefit from having more professors like him.

Handwritten:
Friendly, approachable.
Exceptional.
Comment on what you feel are the positive and negative aspects of this course:

- Very enthusiastic
- Wants us to learn
- Encourages questions

Sometimes the notes on the blackboard seem to small and a little bit hard to recognize.

Great teaching.

DR. PENA is very enthusiastic about the material and is a snazzy dresser to boot!

7.4) Should have put more theory as prerequisite so we can cover more probability theory.
This course is the most difficult one I've ever taken, but very interesting.

- Interesting material
- Feels like functional knowledge

Probability is really important
Daily:
Communication was clear.
Content development could be

Night:
Would have preferred more application.

HW a little hard
too academic, not sure if I can use it in future