USC University of Southern California

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Individual Report for Instructor Lototsky (39673-20153 : MATH-445 Mathematics of Physics and Engineering II (39673))

USC Student Course Evaluations - Fall 2015

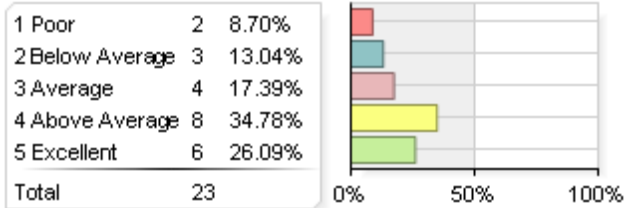Project Audience 35
Responses Received 24
Response Ratio 68.57%

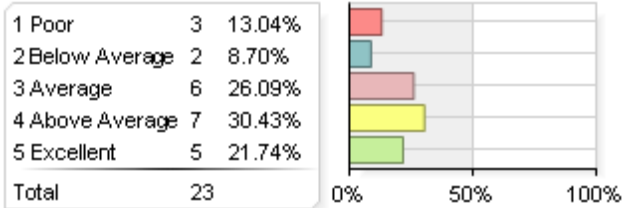**Creation Date**   Tue, Jan 05, 2016

Technology powered by blue

How would you rate the instructor's effectiveness on the following items?
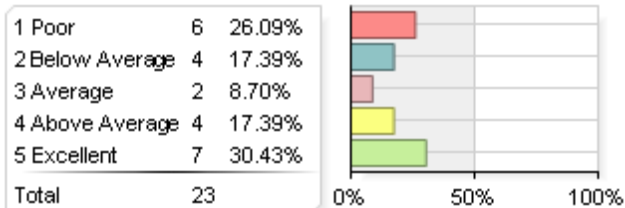
1. Clearly articulated course goals.

1 Poor	2	8.70%
2 Below Average	3	13.04%
3 Average	4	17.39%
4 Above Average	8	34.78%
5 Excellent	6	26.09%
Total	23	

Statistics	Value
Response Count	23
Mean	3.57
Median	4.00
Mode	4
Standard Deviation	+/-1.27
Population Standard Deviation	+/-1.25
Standard Error (base on SD)	+/-0.27
Standard Error (base on PSD)	+/-0.26

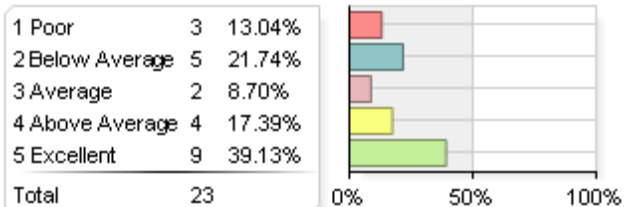### 2. Organized course to achieve those goals.

1 Poor	3	13.04%
2 Below Average	2	8.70%
3 Average	6	26.09%
4 Above Average	7	30.43%
5 Excellent	5	21.74%
Total	23	

Statistics	Value
Response Count	23
Mean	3.39
Median	4.00
Mode	4
Standard Deviation	+/-1.31
Population Standard Deviation	+/-1.28
Standard Error (base on SD)	+/-0.27
Standard Error (base on PSD)	+/-0.27

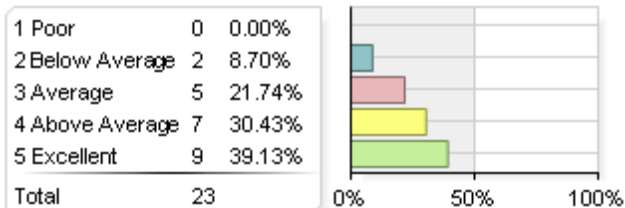### 3. Carefully explained difficult concepts, methods, and subject matter.

1 Poor	6	26.09%
2 Below Average	4	17.39%
3 Average	2	8.70%
4 Above Average	4	17.39%
5 Excellent	7	30.43%
Total	23	

Statistics	Value
Response Count	23
Mean	3.09
Median	3.00
Mode	5
Standard Deviation	+/-1.65
Population Standard Deviation	+/-1.61
Standard Error (base on SD)	+/-0.34
Standard Error (base on PSD)	+/-0.34

4. Encouraged students to participate in their learning (e.g., through discussion, projects, study groups and other appropriate activities).

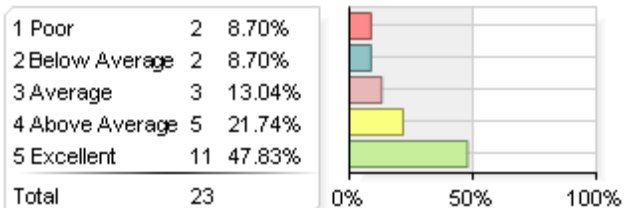|		
1 Poor	3	13.04%
2 Below Average	5	21.74%
3 Average	2	8.70%
4 Above Average	4	17.39%
5 Excellent	9	39.13%
Total	23	

Statistics	Value
Response Count	23
Mean	3.48
Median	4.00
Mode	5
Standard Deviation	+/-1.53
Population Standard Deviation	+/-1.50
Standard Error (base on SD)	+/-0.32
Standard Error (base on PSD)	+/-0.31

5. Was accessible to students (e.g., during office hours, before and after class, etc.).

1 Poor	0	0.00%
2 Below Average	2	8.70%
3 Average	5	21.74%
4 Above Average	7	30.43%
5 Excellent	9	39.13%
Total	23	

Statistics	Value

6. Evaluated student work in fair and appropriate ways.

1 Poor	2	8.70%
2 Below Average	2	8.70%
3 Average	3	13.04%
4 Above Average	5	21.74%
5 Excellent	11	47.83%
Total	23	

Statistics	Value
Response Count	23

7. Was enthusiastic about communicating the subject matter.

1 Poor	0	0.00%
2 Below Average	1	4.35%
3 Average	4	17.39%
4 Above Average	9	39.13%
5 Excellent	9	39.13%
Total	23	
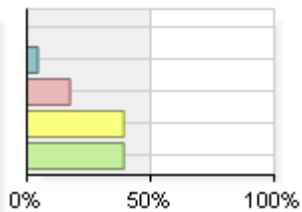
Statistics	Value
Response Count	23
Mean	4.13
Median	4.00
Mode	4, 5
Standard Deviation	+/-0.87
Population Standard Deviation	+/-0.85
Standard Error (base on SD)	+/-0.18
Standard Error (base on PSD)	+/-0.18

8. Stimulated student interest in the subject matter.

1 Poor	1	4.35%
2 Below Average	4	17.39%
3 Average	6	26.09%
4 Above Average	4	17.39%
5 Excellent	8	34.78%
Total	23	
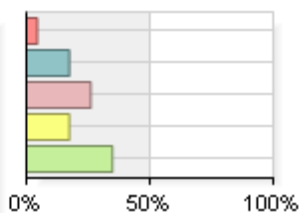
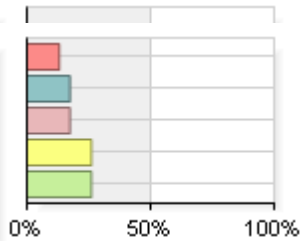| Statistics	Value
Response Count	23
Mean	3.61
Median	4.00
Mode	5
Standard Deviation	+/-1.27
Population Standard Deviation	+/-1.24
Standard Error (base on SD)	+/-0.26
Standard Error (base on PSD)	+/-0.26

How would you rate the instructor's effectiveness on the following items? (continued)
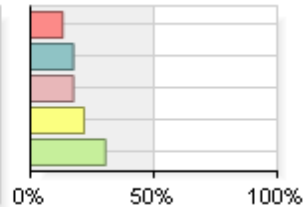
9. Presented subject matter in ways that were

10. Provided students a valuable learning experience.

Overall, how would you rate this instructor?

1 Poor	3	13.04%
2 Below Average	4	17.39%
3 Average	4	17.39%
4 Above Average	6	26.09%
5 Excellent	6	26.09%
Total	23	

1 Poor	3	13.04%
2 Below Average	4	17.39%
3 Average	4	17.39%
4 Above Average	5	21.74%
5 Excellent	7	30.43%
Total	23	

Statistics	Value
Response Count	23
Mean	3.35
Median	4.00
Mode	4, 5
Standard Deviation	+/-1.40
Population Standard Deviation	+/-1.37
Standard Error (base on SD)	+/-0.29
Standard Error (base on PSD)	+/-0.29

Statistics	Value
Response Count	23
Mean	3.39
Median	4.00
Mode	5
Standard Deviation	+/-1.44
Population Standard Deviation	+/-1.41
Standard Error (base on SD)	+/-0.30
Standard Error (base on PSD)	+/-0.29

Overall, how would you rate this course?

1 Poor	4	16.67%
2 Below Average	4	16.67%
3 Average	8	33.33%
4 Above Average	1	4.17%
5 Excellent	7	29.17%
Total	24	
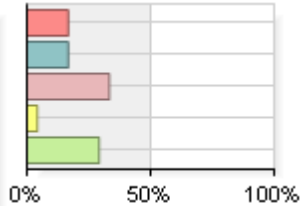
Statistics	Value
Response Count	24
Mean	3.13
Median	3.00
Mode	3
Standard Deviation	+/-1.45
Population Standard Deviation	+/-1.42
Standard Error (base on SD)	+/-0.30
Standard Error (base on PSD)	+/-0.29

What were this instructor's main strengths?

Comment
As well as teaching the material, he would also take a few minutes to teach interesting, related topics that we weren't tested on. Definitely enriched the class!
Enthusiastic about the subject.
very intelligent, ready and willing to help students, fair
Professor Lototsky articulated the material well and was very passionate about the subject.
Smart
Showed enthusiam during lecture for mathematics.

He seems to know everything very well.

Really passionate

That he is a nice guy that does desire his students to succeed.

His enthusiasm

LECTURING

Organized, easy to access at Office Hours, always relates class material to real life applications

He is passionate about the course material and gives extracurricular activities that aim to show the beauty of math.

He would always go a step further than the course expectations and challenged us with questions to ponder about.

He is very passionate about maths and physics and encourage us to do many extra researches

He has great passion for mathematics and provides us a lot of extra knowledge.

How might this instructor improve his or her teaching effectiveness?

Comment

Make it a bit clearer that most homework, tests, and lectures follow his own textbook and not the official course textbook.

Maybe by actually teaching the subject material. EVERY TIME I attempted the homework, I asked myself, "when did we ever learn this?" The answer was ALWAYS, "we. never. did." I taught myself 100% of the course and stopped attending lecture because it was never relevant.

Do some more examples in class

better explain difficult concepts, most students seemed lost a lot of the time to the point we didn't know what questions to ask when you opened up the floor

Professor Lototsky should go more slowly on hard topics. Sometimes i could not catch up.

More interesting and easy-understanding

Focus on teaching material that is actually relevant to course, rather than special topics that are not on the course syllabus. Provide examples of problems in lecture. Clearly explain the concepts of the class, rather than quickly going through them in an overly complicated manner.

He makes WAY too many mental jumps. More than half the class cannot follow what he is doing in lecture, and when he asks "any questions," we are often so confused that we don't even know what to ask. He may be intellectually smart, but he really has no people skills. During office hours, he just discourages "dumb questions" and never helps with actually how to get to an answer.

Get students more excited about math.

He could slow down and show how to do the math instead of just talking about the big concepts. It was hard to follow his lectures since he very rarely gave concert examples of how to preform the mathematics.

Lectures should be related with homework and test material. Throughout the class the majority of the class, myself included felt extremely lost. We were given no guidance on where to access resources in order to succeed in the class. We also covered extremely complex topics in a very short period of time which restricted our potential to fully understand and comprehend the material. The pacing of the class, as noted before, was almost unmanageable.

NONE

Post homework solutions since it is crucial for studying for the midterm, spend more time on explaining textbook concepts instead of spending the entire lecture time discussing beyond-the-textbook ideas

The strength also was a weakness since it sometimes confused us with the concept that could have been very simple.

He may put more examples in class so that we can better understand the theories.

Additional comments?

Comment

This has been my favorite class at USC by far!

Just because you're tenured doesn't mean you can stop teaching the course material.

Extremely poor teaching skills. He is happy if just one or two kids know what he's saying..

Name of class is a bit confusing

NONE

It would be great if he could speak a little bit more clearly in class. Other than that, he's great.

He jumps too quick to high level knowledge that is not covered effectively in the textbook. So it is hard to follow