



PRIVATE and CONFIDENTIAL

## Student Evaluation of Teaching Results - Spring 2012

Thomas W Mattman,

Enclosed you will find the results of the Spring 2012 Student Evaluation of Teaching (SET) for your course:

2\_MATH\_421\_01\_01 - Advanced Calculus

The SET form administered was SETFormUp1.

An overall indicator is listed first. It consists of an average of the following scales:

- Part B

The overall indicator is followed by the individual average values of the scales mentioned above. In the second part of the analysis the average values of all individual questions are listed. Written comments (if any) will follow the individual question analysis.

If you have any further questions do not hesitate to contact the Office of Institutional Research.

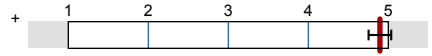
William R Allen  
Institutional Research  
Phone: x6033  
Email: ballen@csuchico.edu



**Thomas W Mattman**  
 Advanced Calculus (2\_MATH\_421\_01\_01) Spring 2012  
 No. of responses = 2

Overall indicators

3. **Part B**

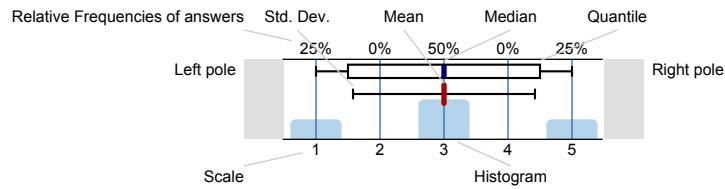


av.=4.89  
 dev.=0.14

Survey Results

Legend

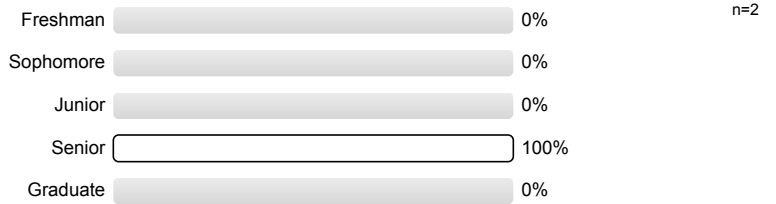
Question text



n=No. of responses  
 av.=Mean  
 md=Median  
 dev.=Std. Dev.  
 ab.=Abstention

1. **General Information**

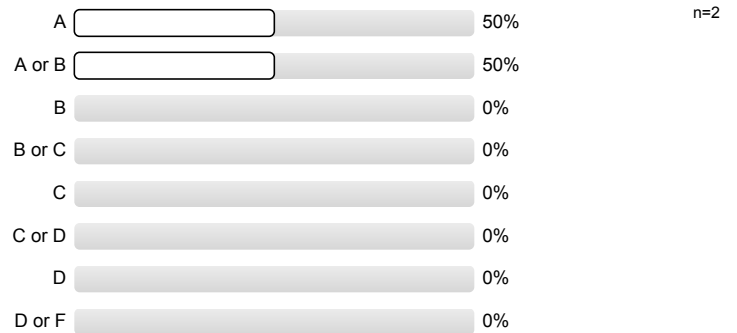
1.1) **You are a:**



1.2) **Is this course:**

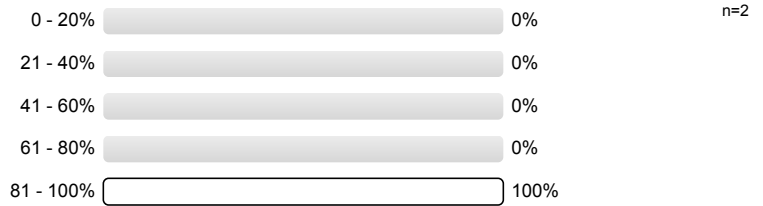


1.3) **Expected Grade:**



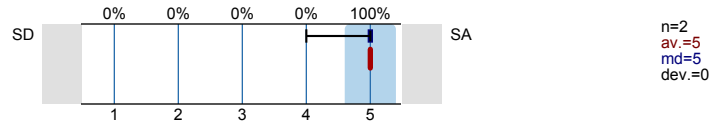
**2. Part A** Mark the answer that best applies.

2.1) How well are you keeping up with the assignments and reading for this course? (Give a percentage estimate)

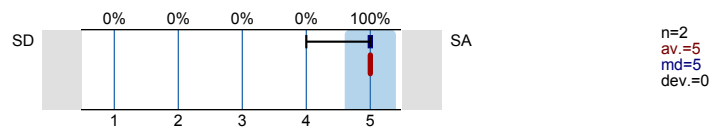


**3. Part B**

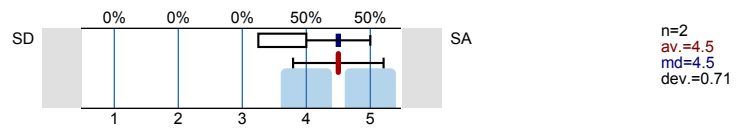
3.1) The syllabus explains course requirements.



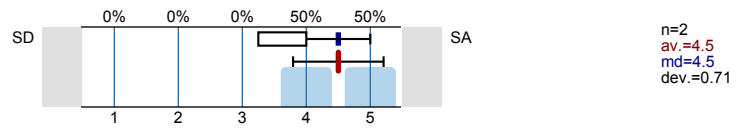
3.2) My overall knowledge of the subject matter has increased due to the instruction of this course.



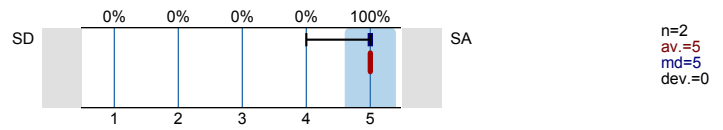
3.3) The instructor presents the material in an understandable way.



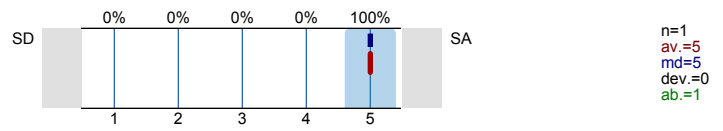
3.4) The instructor is well prepared for class.



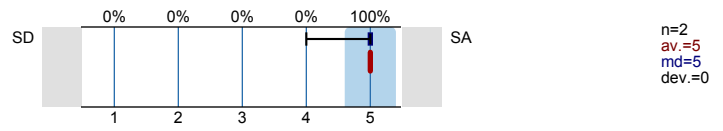
3.5) The instructor follows the course syllabus.



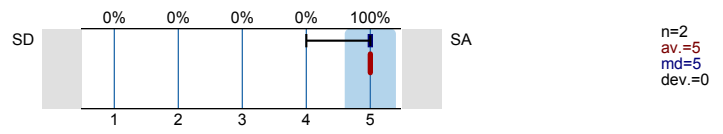
3.6) The instructor is available during office hours.



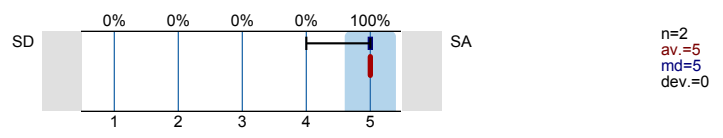
3.7) The course assignments contribute to learning.



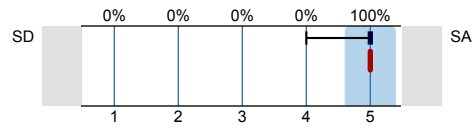
3.8) The instructor gives appropriate feedback.



3.9) The instructor communicates high expectations for student achievement.

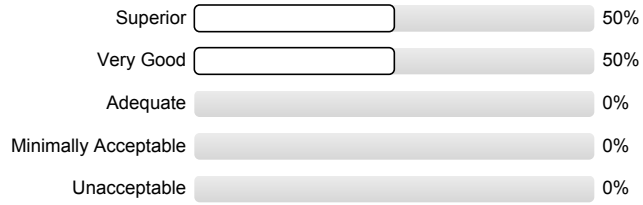


3.10) **The instructor monitors student learning throughout the course.**



n=2  
av.=5  
md=5  
dev.=0

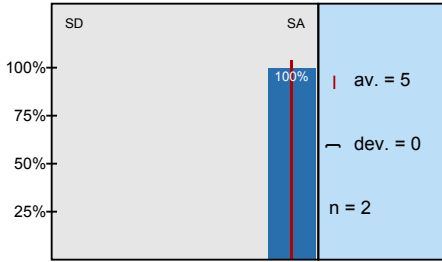
3.13) How do you rate the overall quality of teaching in this class?



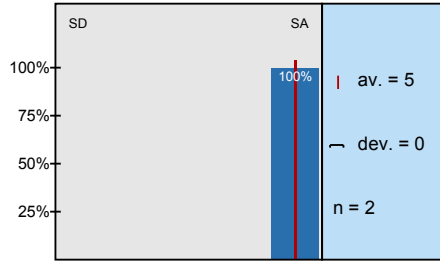
n=2  
av.=1.5  
dev.=0.71

Histogram for scaled questions

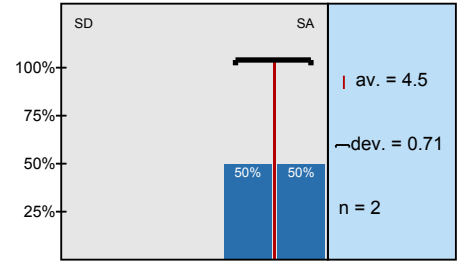
The syllabus explains course requirements.



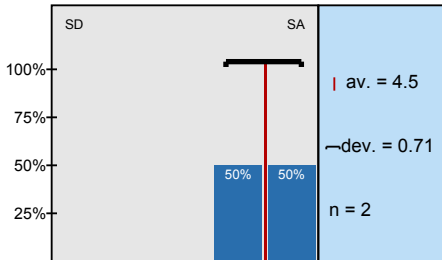
My overall knowledge of the subject matter has increased due to the instruction of this course.



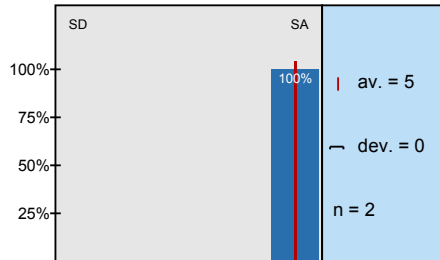
The instructor presents the material in an understandable way.



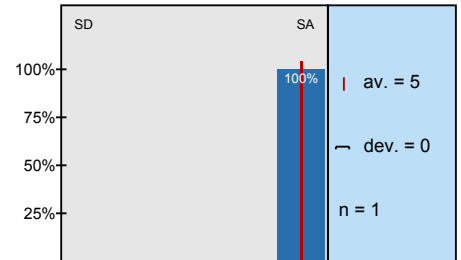
The instructor is well prepared for class.



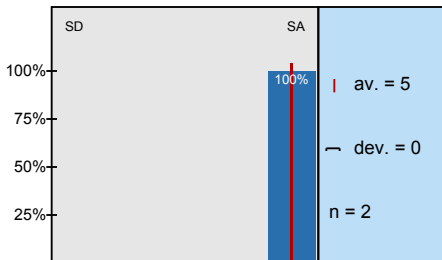
The instructor follows the course syllabus.



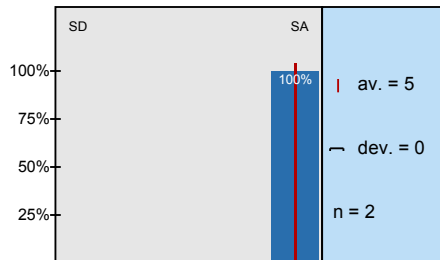
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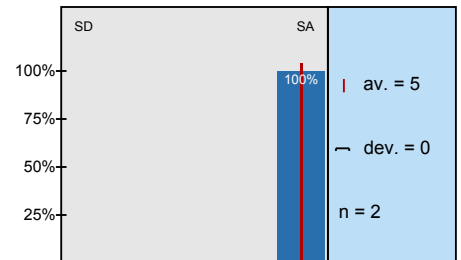
The course assignments contribute to learning.



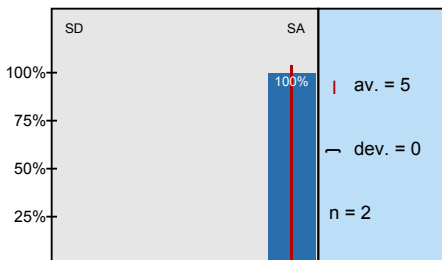
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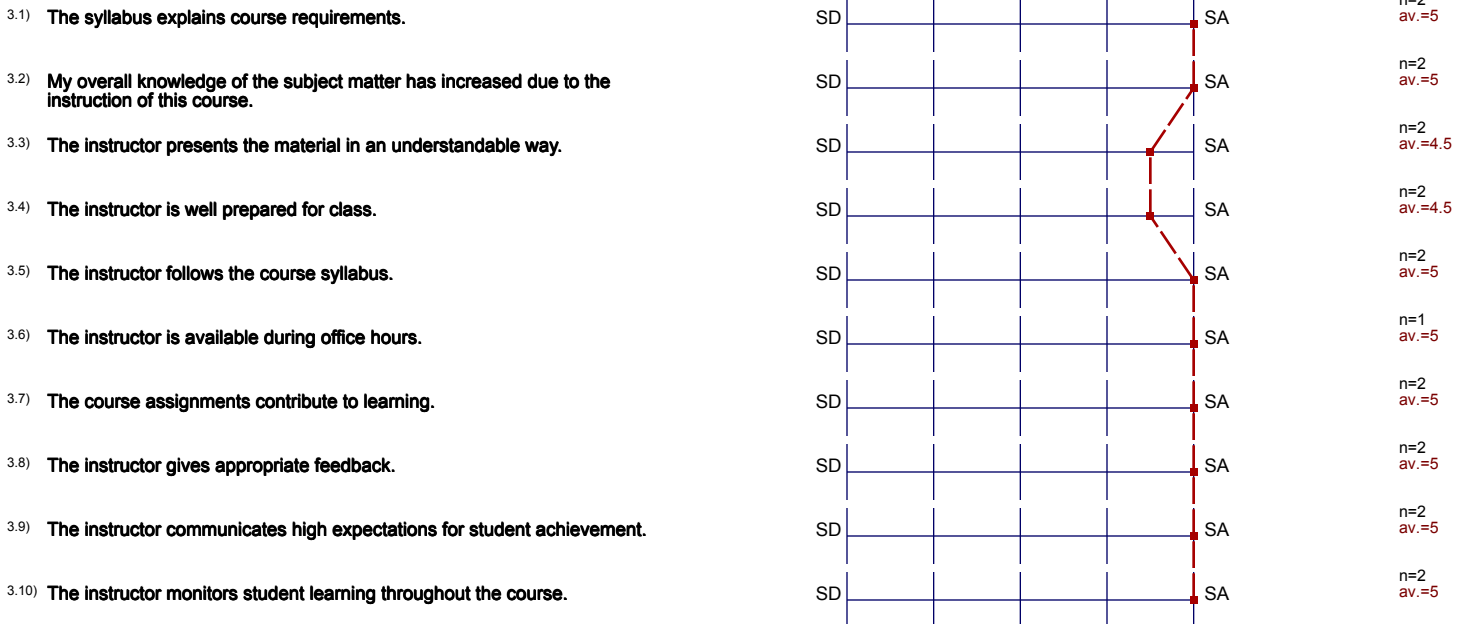
The instructor monitors student learning throughout the course.



# Profile

Subunit: NSC - Mathematics and Statistics  
 Name of the instructor: Thomas W Mattman  
 Name of the course: Advanced Calculus  
 (Name of the survey)

## 3. Part B



## Comments Report

3. Part B

3.11) What did your Instructor do to make this class a good learning experience for you?

- His demanding level of rigor has made me wonder if I've ever written a proof properly in my life. Of course, math is all about rigor, so this isn't a bad thing. I've become very critical of my work in this regard. And finally getting a proof right is very satisfying, especially after I've written it several times. And then when I get it right on my first try, that is awesome. He answers all questions we have, and tries to be as clear as possible. The fact that our class was so small, and everyone knew each other pretty well made the class relatively informal, and allowed us to work together. The format of the class made us very independent, which in many ways was good, as it forced us to figure this stuff out on our own (in another way, it was kind of bad, as the material is a bit difficult [see below]). And then explaining things ourselves to the other students on the chalkboard was beneficial, as opposed to us just writing them up and turning them in. There were many occasions I went up to the board with doubts on a proof, and after half explaining a step to someone that I was unclear on, I suddenly realized why the case was so.
- The instructor requires the students to solve and explain the problems in the book. This has made the class challenging, and I have learned quite a bit about the material. I also really enjoy the text we are using.

3.12) What could your instructor do in the future to make this a better class?

- Nothing in particular.
- This is difficult to say (see below in justification for rating). Also, get a class with a dry erase board. I hate chalk.

3.14) **IMPORTANT:** Please give at least one reason to justify your rating.

- I can honestly say that I am probably not in a position to give an honest assessment of the quality of teaching, aside from the fact it was certainly better than adequate. The fact is is that this material is a bit on the difficult side, as far as the undergrad level goes. However, this class is most likely meant to be a good introduction to the level of rigor required for the next step. An initial complaint I had about the class was lack of lecturing, but after a while I realized that this is probably how the class has to be taught. In a lower level course, where we learn how to perform an operation, and then perform the same operation over and over again with different numbers and different situations is very different than a proof course. And thus far, this class has seemed to be the most rigorous of all the proofs classes I've taken (I've certainly covered more than 40 pages in one semester in all my other courses). That being said, I do feel as though I've learned a lot about math, more than "40 pages worth", if that means anything. In all, this class was great. I've enjoyed it a lot, it's pushed me, and I would recommend others to take the same class.
- The instructor has high expectations for students, but he also adequately prepares us to meet those expectations.