

Mathematics Department – University of California, Santa Barbara

Instructor: Schar Lemann Course #: 145 Quarter: Fall 2011

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Really ~~tries~~ ^{tries} to get the students to understand the material.

Willing to go over material multiple times.

Has extended discussions allowing for review of homework/material which really helps cover the course.

Fair grading and fair exams, nothing that wasn't covered.

2. Please comment on the course (for example: Content, level of difficulty, textbook, physical conditions of the room and chalk or white boards, suggestions for improvement, advice to students who might take this class, etc.) Continue on back if necessary.

course = difficult

textbook = short, concise, challenging

advice = read and really do the questions.

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Instructor: Martha Scharlemann Course #: 145 Quarter: F. 11

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+ Humor

+ Problem sessions helpful

- Her comments could use more detail

2. Please comment on the course (for example: Content, level of difficulty, textbook, physical conditions of the room and chalk or white boards, suggestions for improvement, advice to students who might take this class, etc.) Continue on back if necessary.

Not an easy course. There is only 1 prereq.
but may not be enough math background for this
course

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Scharlemann is a very good lecturer, not boring and pretty clear as well. Good at answering questions too at office hours and the optional section. The midterm was pretty fair but kinda long, I wish the office hour had been later though. He's kinda mean sometimes though, don't take it personally I think that's just him.

2. Please comment on the course (for example: Content, level of difficulty, textbook, physical conditions of the room and chalk or white boards, suggestions for improvement, advice to students who might take this class, etc.) Continue on back if necessary. The course is not too hard if you take it seriously. Topology is actually pretty cool but you have to put in the work even though the work is cheap and most you really have to sit down and understand the material. I recommend other students to do all the homework or at least try to and go to the section it really helps.

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Instructor: M. Scharlemann Course #: Math 145 Quarter: Fall 2011

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Prof Scharlemann was a great instructor. Very accepting of questions and always gives a ~~thor~~ thorough explanation. Clever side comments too. Available for office hours and problem sessions. No complaints

2. Please comment on the course (for example: Content, level of difficulty, textbook, physical conditions of the room and chalk or white boards, suggestions for improvement, advice to students who might take this class, etc.) Continue on back if necessary.

Topology was neat, I'm ~~disappointed~~ disappointed ~~that~~ ~~the~~ ~~beginning~~ ~~to~~ there isn't a 145 B.

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His explanations are clear and straightforward; material is well organized and presented.

I felt that too much time was spent at the beginning of each lecture repeating the results/differentiation from last lecture ~5-10 minutes

2. Please comment on the course (for example: Content, level of difficulty, textbook, physical conditions of the room and chalk or white boards, suggestions for improvement, advice to students who might take this class, etc.) Continue on back if necessary.

The material we covered is easy relative to that in other upper-div math classes I have taken. I feel that this class could be faster paced and cover more material or cover some more difficult/interesting theorems.

Maybe a harder/higher level text could be used.

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Professor Scharlemann is an over all good teacher. He is very good at presenting the information and very well organized. He can even be humorous at times. The biggest downfall I see is that he seems to think everything he presents is obvious and that students should immediately, or at least very quickly, understand everything. This can make him hard to approach as I felt awkward asking about something obvious.

2. Please comment on the course (for example: Content, level of difficulty, textbook, physical conditions of the room and chalk or white boards, suggestions for improvement, advice to students who might take this class, etc.) Continue on back if necessary.

The course was great overall. No problems. The only thing I would have liked is more solutions to problems or a solutions manual.

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Instructor: Dr Scharlemann Course #: Math 145 Quarter: Fall

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Gave very clear and concise explanations of the course material. I also appreciated the use of diagrams to help explain certain points. Very positive attitude and didn't feel uncomfortable if I didn't understand which I felt helped keep me motivated. Very fair grading, and problem sessions were extremely helpful. Also appreciate the use of gaucho space to post solutions.

2. Please comment on the course (for example: Content, level of difficulty, textbook, physical conditions of the room and chalk or white boards, suggestions for improvement, advice to students who might take this class, etc.) Continue on back if necessary.

Course was good, I found it could accommodate a variety of levels of students.

Chalk sometimes hard to read.

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Very good at presenting new concepts and explains the material very clearly.

He is also very helpful outside of class (office hours, discussion sections).

Exams and grading are very fair.

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I thought the ~~the~~ course went too slow, and the textbook was not great.

I was really looking forward to covering topics from the later chapters of the book, but I think we spent ~~more time~~ ^{more time than necessary} on earlier material.

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Good teaching, explains everything very thoroughly and are very keen ^{that} the whole group understands the topics.

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Important!
I would like to learn more about the different applications of topology, i.e. when and where it is used.

- The amount of proofs and the importance of stringent solutions was frustrating in the beginning. But now, in retrospect, I have realized that it has increased my mathematical abilities by far.
- The book was cheap, i.e. a very good thing!

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Course organization was very good and instructor was very good at putting the material together as a whole. Homework problems were well selected and a few were challenging.

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Very good textbook.

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- excellent attitude towards students: enables questions and explains again after asking him to
- clear structure of the lectures
- some times more examples would be helpful
- hard grading is wider, but still fine
- HW is sometimes boring, a wider range of problems would be fine

2. Please comment on the course (for example: Content, level of difficulty, textbook, physical conditions of the room and chalk or white boards, suggestions for improvement, advice to students who might take this class, etc.) Continue on back if necessary.

- interesting topic
- difficulty is rapidly increasing, but quite easy in the beginning

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Great professor. Knows material well but moves quickly. Warns on day 1 "If you have only taken math 8, you may struggle". He was dead on. Hard class but great professor.

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This class is tough, I come in with only math 8 but the hw helps and I assume his discussion sections help but I had lab when he had them so I could not make it to any hw discussions 'n'.