Mathematics 152 Discrete Mathematics

Individual Evaluations

Evaluation # 1 of 14

General Questions

□		41		
⊨va	ıuate	tne	course	overall

unsatisfactory	fair	good	very good	excellent
			Х	

• What were the strengths of this course? Please be specific and use concrete examples where possible.

The course was feasible, interesting, and very involved. The seminar style of class (the students themselves teach it) was helpful in learning the material.

• How could this course be improved? Please use concrete examples where possible and provide constructive suggestions.

There were some definite characteristics of the course I did not like, however. The seminar/student-taught style often had its faults, especially if the student either did not understand fully the material he was supposed to teach, or if he were simply not a very good instructor (i.e. moved too fast or did not cover the material logically). There were also WAY too many requirements. There were weekly problem sets that took many hours to finish, exploratory problems that were due every few weeks, blog posts that we were supposed to write every couple weeks, 15-minute presentations to prepare every other week (the teaching component), and 3 "quizzes" (midterms), in addition to the final exam. While all of it was feasible, the requirements often fell on the same day or couple of days and made life stressful.

Evaluate the following:

Course	materials	(readings,	audio-visual	materials,	textbooks	, lab manuals,	, website,	, etc.)
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unsatisfactory	fair	good	very good	excellent	not applicable
			X		
Add Comments?					
Assignments (exa	ams, essays,	problem sets,	language homew	vork, etc.)	
unsatisfactory	fair	good	very good	excellent	not applicable
			Х		
Feedback you rec				evcellent	not applicable
Feedback you red unsatisfactory	ceived on wo fair	rk you produce	very good	excellent	not applicable
unsatisfactory Add Comments?	fair	good		excellent	not applicable
unsatisfactory	fair	good	very good	excellent	not applicable

What did this course require of you?

• On average, how many hours per week did you spend on coursework outside of class?

< 3	3 - 6	7 - 10	11 - 14	> 14
			Х	

• How difficult did you find this course?

very easy	easy	moderate	difficult	very difficult
		Х		

• In your opinion, what preparation or background is necessary to take this course?

What was/were your reason	(s) for (enrolling in this course?	(Please check all	that apply
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Elective
Concentration or Department Requirement

X	Secondary Field or Language Citation Requirement
	Undergraduate Core or General Education Requirement
	Expository Writing Requirement
	Foreign Language Requirement
	Pre-Med Requirement

Would you recommend this course?

• How strongly would you recommend this course to your peers?

definitely not recommend	unlikely to recommend	recommend with reservations	likely to recommend	recommend with enthusiasm
			Х	

What would you like to tell future students about this class?

What did you take away from your experience in this course?

• What did you learn? How did this course change you?

I learned a good amount, but I'm not sure how useful most of the material is for what I will be doing later in life (I'm actually pretty sure it's useless).

Evaluation of Instructors

Stange, Katherine Elisabeth

Evaluate your Instructor overall.

unsatisfactory

unsatisfactory	fair	good	very good	excellent
			X	

good

Evaluate your Instructor on the following:

Gives effective lectures or presentations, if applicable

unsatisfactory	fair	good	very good	excellent	not applicable
		X	i i i j gi i i		
s accessible outs	side of class (i	ncluding after o	class, office hou	rs, e-mail, etc.)	
s accessible outs unsatisfactory	side of class (i	ncluding after o	class, office hou	rs, e-mail, etc.) excellent	not applicable

very good

If this course was conducted in a lecture format with the involvement of section leaders, one or more of the following questions may not be applicable.

excellent

not applicable

• Facilitates discussion and encourages participation

unsatisfactory	fair	good	very good	excellent	not applicable
				X	
Sives useful feed	dhack on accid	ınmonte			
	uback on assig	HIHEHIO			
unsatisfactory	fair	good	very good	excellent	not applicable
					X
Returns assignm	nents in a timel	v fashion			
unsatisfactory	fair	good	very good	excellent	not applicable

Please comment on this person's teaching.

She didn't have to do much teaching since the students taught the course with their presentations, but when she did step in it was useful and she was very enthusiastic about the material.

Evaluation of Course Assistants

Yergasheva, Dilshoda Zukhritdi

Evaluate your Section Leader overall.

unsatisfactory	fair	good	very good	excellent
				X

Evaluate your Section Leader on the following:

 Gives effective lectures or present 	tations. if	applicable
---	-------------	------------

unsatisfactory	fair	good	very good	excellent	not applicable
					X

• Facilitates discussion and encourages participation

unsatisfactory	fair	good	very good	excellent	not applicable
					X

• Is accessible outside of class (including after class, office hours, e-mail, etc.)

unsatisfactory	fair	good	very good	excellent	not applicable
				X	

· Generates enthusiasm for the subject matter

unsatisfactory	fair	good	very good	excellent	not applicable
				Х	

Gives useful feedback on assignments

unsatisfactory	fair	good	very good	excellent	not applicable
				X	

• Returns assignments in a timely fashion

-		,				
unsatisfactory	fair	good	very good	excellent	not applicable	
				Х		

Please comment on your Section Leader's teaching.

Questions Provided by the Instructor

Evaluate the Lecture Outlines used for student presentations in this class.

unsatisfactory	fair	good	very good	excellent	not applicable
			X		

Please provide suggestions for improving the Lecture Outlines, Homework Assignments and overall design of the course.

I already commented on how I think the course requirements should be curtailed because there were too many and they overlapped too often. A more effective design for the lecture component might have been a half-and-half teacher-student teaching style (instead of all student seminars). Maybe the professor could teach the "meat" of the day's material in 45 minutes, and students could teach the last 45 minutes, focusing more on specific examples, proofs, and definitions.

strongly disagree	disagree	neither agree or disagree	agree	strongly agree	not applicable
			Х		

Evaluation # 2 of 14

General Questions

Evaluate	the	course	overal	I
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unsatisfactory	fair	good	very good	excellent
		X		

• What were the strengths of this course? Please be specific and use concrete examples where possible.

exams and problem sets

• How could this course be improved? Please use concrete examples where possible and provide constructive suggestions.

too much busy work and too many deadlines. Something was due all the time.

Evaluate the following:

• Course materials (readings, audio-visual materials, textbooks, lab manuals, website, etc.)

unsatisfactory	fair	good	very good	excellent	not applicable
		X			

Add Comments?

• Assignments (exams, essays, problem sets, language homework, etc.)

unsatisfactory	fair	good	very good	excellent	not applicable
		X			
	_				

Add Comments?

• Feedback you received on work you produced in this course

unsatisfactory	fair	good	very good	excellent	not applicable
		X			
Add Comments	?				

Section component of the course

unsatisfactory	fair	good	very good	excellent	not applicable
					X

Add Comments?

What did this course require of you?

• On average, how many hours per week did you spend on coursework outside of class?

O .	, ,	•	•	
< 3	3 - 6	7 - 10	11 - 14	> 14
		X		

• How difficult did you find this course?

	. •			
very easy	easy	moderate	difficult	very difficult
			X	

• In your opinion, what preparation or background is necessary to take this course?

Math 21a/b

What was/were your reason(s) for enrolling in this course? (Please check all that apply)

	Elective
Χ	Concentration or Department Requirement
	Secondary Field or Language Citation Requirement
	Undergraduate Core or General Education Requirement
	Expository Writing Requirement
	Foreign Language Requirement
	Pre-Med Requirement

Would you recommend this course?

• How strongly would you recommend this course to your peers?

definitely not recommend	unlikely to recommend	recommend with reservations	likely to recommend	recommend with enthusiasm
		X		

• What would you like to tell future students about this class?

What did you take away from your experience in this course?

• What did you learn? How did this course change you?

Evaluation of Instructors

Stange, Katherine Elisabeth

Evaluate your Instructor overall.

,				
unsatisfactory	fair	good	very good	excellent
		X		

Evaluate your Instructor on the following:

• Gives effective lectures or presentations, if applicable

unsatisfactory	fair	good	very good	excellent	not applicable
					X

unsatisfactory	fair	good	very good	excellent	not applicable
				X	

• Generates enthusiasm for the subject matter

unsatisfact	ory fair	good	very good	excellent	not applicable
			X		

If this course was conducted in a lecture format with the involvement of section leaders, one or more of the following questions may not be applicable.

• Facilitates discussion and encourages participation

unsatisfactory	fair	good	very good	excellent	not applicable
					X
Gives useful feed	lhack on assid	nmants			
unsatisfactory	fair	good	very good	excellent	not applicable
					X
_				I	
Returns assignme	ents in a timely	/ tashion			
unsatisfactory	fair	good	very good	excellent	not applicable
					Х

Please comment on this person's teaching.

Evaluation of Course Assistants

not applicable

Yergasheva, Dilshoda Zukhritdi

Evaluate your Section Leader overall

_ randato four content _ cade or or cam										
unsatisfactory	fair	good	very good	excellent						
		X								

Evaluate your Section Leader on the following:

• Gives effective lectures or presentations, if applicable

unsatisfactory	fair	good	very good	excellent

• Facilitates discussion and encourages participation

	fair	good	very good	excellent	not applicable
					X
s accessible out	side of class (ncluding after c	lass, office hou	rs, e-mail, etc.)	
unsatisfactory	fair	good	very good	excellent	not applicable
Generates enthu	siasm for the	subject matter			
unsatisfactory	fair	good	very good	excellent	not applicable
					X
Gives useful feed	dback on assig	nments			
unsatisfactory	fair	good	very good	excellent	not applicable
		V			
		X			
Returns assignm	nents in a timel				
Returns assignm	nents in a timel		very good	excellent	not applicable

Questions Provided by the Instructor

Evaluate the Lecture Outlines used for student presentations in this class.

unsatisfactory	fair	good	very good	excellent	not applicable
X					

Please provide suggestions for improving the Lecture Outlines, Homework Assignments and overall design of the course.

This class should be taught by the professor and not by the students in the presentation format that it was taught in.

strongly disagree	disagree	neither agree or disagree	agree	strongly agree	not applicable
			X		

Evaluation #3 of 14

General Questions

Evaluate the course over	ral	vera
--------------------------	-----	------

unsatisfactory	fair	good	very good	excellent
			X	

• What were the strengths of this course? Please be specific and use concrete examples where possible.

good teacher.

• How could this course be improved? Please use concrete examples where possible and provide constructive suggestions.

Evaluate the following:

• Course materials (readings, audio-visual materials, textbooks, lab manuals, website, etc.)

unsatisfactory	fair	good	very good	excellent	not applicable
			X		

Add Comments?

• Assignments (exams, essays, problem sets, language homework, etc.)

unsatisfactory	fair	good	very good	excellent	not applicable
			X		

Add Comments?

• Feedback you received on work you produced in this course

unsatisfactory	fair	good	very good	excellent	not applicable
			Х		

Add Comments?

• Section component of the course

unsatisfactory	fair	good	very good	excellent	not applicable X	
Add Comments	?					

What did this course require of you?

• On average, how many hours per week did you spend on coursework outside of class?

< 3	3 - 6	7 - 10	11 - 14	> 14
		X		

• How difficult did you find this course?

very easy	easy	moderate	difficult	very difficult
		X		

• In your opinion, what preparation or background is necessary to take this course?

What was/were your reason(s) for enrolling in this course? (Please check all that apply)

	Elective
Χ	Concentration or Department Requirement
	Secondary Field or Language Citation Requirement
	Undergraduate Core or General Education Requirement
	Expository Writing Requirement
	Foreign Language Requirement
	Pre-Med Requirement

Would you recommend this course?

How strongly would you recommend this course to your peers?

definitely not recommend	unlikely to recommend	recommend with reservations	likely to recommend	recommend with enthusiasm
		X		

• What would you like to tell future students about this class?

What did you take away from your experience in this course?

• What did you learn? How did this course change you?

Evaluation of Instructors

Stange, Katherine Elisabeth

Evaluate your Instructor overall.

unsatisfactory

unsatisfactory	fair	good	very good	excellent
				Х

Evaluate your Instructor on the following:

• Gives effective lectures or presentations, if applicable

		, ,			
unsatisfactory	fair	good	very good	excellent	not applicable
					X

• Is accessible outside of class (including after class, office hours, e-mail, etc.)

		-		•	
unsatisfactory	fair	good	very good	excellent	not applicable
				X	

• Generates enthusiasm for the subject matter

		•			
unsatisfactory	fair	good	very good	excellent	not applicable
				X	

If this course was conducted in a lecture format with the involvement of section leaders, one or more of the following questions may not be applicable.

good very good excellent

 Facilitates discussion and encourages participation fair

		9	. , , ,		
				X	
Gives useful feed	lback on assig	nments			
unsatisfactory	fair	good	very good	excellent	not applicable
					X
Returns assignm	ents in a timel	y fashion			
unsatisfactory	fair	good	very good	excellent	not applicable
					V

Please comment on this person's teaching.

Evaluation of Course Assistants

Yergasheva, Dilshoda Zukhritdi

Evaluate your Section Leader overall.

unsatisfactory	fair	good	very good	excellent
				Х

Evaluate your Section Leader on the following:

• Gives effective lectures or presentations, if applicable

unsatisfactory	fair	good	very good	excellent	not applicable
					X

• Facilitates discussion and encourages participation

		0 1 1			
unsatisfactory	fair	good	very good	excellent	not applicable
				X	

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• Is accessible outside of class (including after class, office hours, e-mail, etc.)

3 ,,										
unsatisfactory	fair	good	very good	excellent		not applicable				
				X						

· Generates enthusiasm for the subject matter

unsatisfactory	fair	good	very good	excellent	not applicable
				X	

• Gives useful feedback on assignments

unsatisfactory	fair	good	very good	excellent	not applicable
				X	

• Returns assignments in a timely fashion

9		,			
unsatisfactory	fair	good	very good	excellent	not applicable
				Х	

Please comment on your Section Leader's teaching.

dilshoda is the best!

Questions Provided by the Instructor

Evaluate the Lecture Outlines used for student presentations in this class.

unsatisfactory	fair	good	very good	excellent	not applicable	
		Х				

Please provide suggestions for improving the Lecture Outlines, Homework Assignments and overall design of the course.

strongly disagree	disagree	neither agree or disagree	agree	strongly agree	not applicable
			X		

Evaluation # 4 of 14

General Questions

Evaluate the course overall.

unsatisfactory	fair	good	very good	excellent
	Х			

• What were the strengths of this course? Please be specific and use concrete examples where possible.

Dilshoda. The corner wall to lay my head against.

• How could this course be improved? Please use concrete examples where possible and provide constructive suggestions.

Where to start? less busy-work. writing blogs about math jokes and getting bonus points for it didn't really help me as a student, in the least bit.

Evaluate the following:

• Course materials (readings, audio-visual materials, textbooks, lab manuals, website, etc.)

	` ,		,	•	, ,	
unsatisfactory	fair	good	very good	excellent	not applicable	
	X					

Add Comments?

Book - incredibly unnecessary. can you issue me a refund? that was a waste of \$50. Handouts - helpful... sometimes.

Assignments (exams, essays, problem sets, language homework, etc.)

unsatisfactory	fair	good	very good	excellent	not applicable
X					

Add Comments?

Quizzes were great. The final was so different from the quizzes that I'm sure most of the class felt unprepared.

• Feedback you received on work you produced in this course

unsatisfactory	fair	good	very good	excellent	not applicable
	X				

Add Comments?

Minimal, to say the least. Thanks for letting me know how I did on my presentations #during the semester. That really helped me change them as I went along (or not). I think the random grade at the end was pretty generic. Grading on the quizzes was absurd. A three-point problem with one mistake shouldn't be graded 0 or 1/3. Make the quizzes out of 100, then grade the problems accordingly.

Section component of the course

unsatisfactory	fair	good	very good	excellent	1	not applicable	
				X			

Add Comments?

If section means Dilshoda, then excellent. Otherwise, unsatisfactory. Except office hours. Those really helped.

What did this course require of you?

• On average, how many hours per week did you spend on coursework outside of class?

 	. , ,	· · · · · · · · · · · · · · · · · · ·		
< 3	3 - 6	7 - 10	11 - 14	> 14
		X		

• How difficult did you find this course?

very easy	easy	moderate	difficult	very difficult						
	Х									

• In your opinion, what preparation or background is necessary to take this course?

Anger-management.

	Elective
X	Concentration or Department Requirement
	Secondary Field or Language Citation Requirement
	Undergraduate Core or General Education Requirement
	Expository Writing Requirement
	Foreign Language Requirement
	Pre-Med Requirement

Would you recommend this course?

• How strongly would you recommend this course to your peers?

	-			
definitely not recommend	unlikely to recommend	recommend with reservations	likely to recommend	recommend with enthusiasm
	Х			

• What would you like to tell future students about this class?

If you like a lot of busy work and teaching yourself a lot of material, sign up!

What did you take away from your experience in this course?

• What did you learn? How did this course change you?

Not much. I can permute numbers now.

Evaluation of Instructors

Stange, Katherine Elisabeth

Evaluate your Instructor overall.

unsatisfactory	fair	good	very good	excellent
	X			

Evaluate your Instructor on the following:

• Gives effective lectures or presentations, if applicable

Gives encetive lectures of presentations, if applicable											
unsatisfactory	fair	good	very good	excellent	not applicable						
					X						
Is accessible outside of class (including after class, office hours, e-mail, etc.)											
unsatisfactory	fair	good	very good	excellent	not applicable						
			X								
Generates enthusiasm for the subject matter											
unsatisfactory	fair	good	very good	excellent	not applicable						

If this course was conducted in a lecture format with the involvement of section leaders, one or more of the following questions may not be applicable.

Facilitates discussion and encourages participation

unsatisfactory	tair	good	very good	excellent	not applicable	
	X					ĺ
Cives useful for	dhaalt an aasia	un manta				

Gives useful feedback on assignments

unsatisfactory	fair	good	very good	excellent	not applicable
X					

• Returns assignments in a timely fashion

unsatisfactory	fair	good	very good	excellent	not applicable
				X	

Please comment on this person's teaching.

Not applicable, considering we taught the class. This is more the fault of the structure of the course.

Evaluation of Course Assistants

Yergasheva, Dilshoda Zukhritdi

Evaluate your Section Leader overall.

unsatisfactory	fair	good	very good	excellent
				X

Evaluate your Section Leader on the following:

• Gives effective lectures or presentations, if applicable

unsatisfactory	fair	good	very good	excellent	not applicable
				Х	

• Facilitates discussion and encourages participation

unsatisfactory	fair	good	very good	excellent	not applicable
				Х	

• Is accessible outside of class (including after class, office hours, e-mail, etc.)

unsatisfactory	fair	good	very good	excellent	not applicable
				X	

• Generates enthusiasm for the subject matter

unsatisfactory	fair	good	very good	excellent	not applicable
				X	

Gives useful feedback on assignments

		,			
unsatisfactory	fair	good	very good	excellent	not applicable
				X	

• Returns assignments in a timely fashion

		,			
unsatisfactory	fair	good	very good	excellent	not applicable
				Х	

Please comment on your Section Leader's teaching.

Thanks Dilshoda.

Questions Provided by the Instructor

Evaluate the Lecture Outlines used for student presentations in this class.

			•		
unsatisfactory	fair	good	very good	excellent	not applicable
			X		

Please provide suggestions for improving the Lecture Outlines, Homework Assignments and overall design of the course.

Forget the blog. Forget the reading assignment. Just let it be like a normal math class with homework and quizzes and a final.

strongly disagree	disagree	neither agree or disagree	agree	strongly agree	not applicable	
			Χ			

Evaluation # 5 of 14

General Questions

unsatisfactory	fair	good	very good	excellent
		X		

• What were the strengths of this course? Please be specific and use concrete examples where possible.

The professor's lecture, the problem sets

• How could this course be improved? Please use concrete examples where possible and provide constructive suggestions.

Less student lectures or more structure.

Evaluate the following:

• Course materials (readings, audio-visual materials, textbooks, lab manuals, website, etc.)

	\		, ,	,	, ,
unsatisfactory	fair	good	very good	excellent	not applicable
			X		

Add Comments?

• Assignments (exams, essays, problem sets, language homework, etc.)

unsatisfactory	fair	good	very good	excellent	not applicable
			Х		

Add Comments?

• Feedback you received on work you produced in this course

unsatisfactory	fair	good	very good	excellent	not applicable
X					
	_				

Add Comments?

• Section component of the course

unsatisfactory	fair	good	very good	excellent	not applicable
					X
Add Comments	2				

What did this course require of you?

• On average, how many hours per week did you spend on coursework outside of class?

			•	
< 3	3 - 6	7 - 10	11 - 14	> 14
			Х	

• How difficult did you find this course?

	. •			
very easy	easy	moderate	difficult	very difficult
				X

• In your opinion, what preparation or background is necessary to take this course?

linear algebra, group theory

What was/were your reason(s) for enrolling in this course? (Please check all that apply)

	Elective
Χ	Concentration or Department Requirement
	Secondary Field or Language Citation Requirement
	Undergraduate Core or General Education Requiremen
	Expository Writing Requirement
	Foreign Language Requirement
	Pre-Med Requirement

Would you recommend this course?

• How strongly would you recommend this course to your peers?

definitely not recommend	unlikely to recommend	recommend with reservations	likely to recommend	recommend with enthusiasm
		X		

• What would you like to tell future students about this class?

It's a rewarding class, but it's alot of work.

What did you take away from your experience in this course?

• What did you learn? How did this course change you?

It taught me to struggle with concepts while I was trying to learn them.

Evaluation of Instructors

Stange, Katherine Elisabeth

Evaluate your Instructor overall.

,				
unsatisfactory	fair	good	very good	excellent
		X		

Evaluate your Instructor on the following:

• Gives effective lectures or presentations, if applicable

uns	atisfactory	fair	good	very good	excellent	not applicable
	Х					

• Is accessible outside of class (including after class, office hours, e-mail, etc.)

unsatisfactory	fair	good	very good	excellent	not applicable
				Х	

• Generates enthusiasm for the subject matter

		•			
unsatisfactory	fair	good	very good	excellent	
	X				

not applicable

If this course was conducted in a lecture format with the involvement of section leaders, one or more of the following questions may not be applicable.

• Facilitates discussion and encourages participation

	unsatisfactory	tair	good	very good	excellent	not applicable
		X				
• G	ives useful fee	edback on assig	inments			
_						
	unsatisfactory	fair	good	very good	excellent	not applicable
		X				
• R	eturns assigni	ments in a timel	y fashion			
-	unsatisfactory	fair	good	very good	excellent	not applicable

Please comment on this person's teaching.

Evaluation of Course Assistants

Yergasheva, Dilshoda Zukhritdi

Evaluate vour Section Leader overall.

•				
unsatisfactory	fair	good	very good	excellent
		X		

Evaluate your Section Leader on the following:

• Gives effective lectures or presentations, if applicable

unsatisfactory	fair	good	very good	excellent	n
		X			

not applicable

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• Facilitates discussion and encourages participation

		•			
unsatisfactory	fair	good	very good	excellent	not applicable
		X			

• Is accessible outside of class (including after class, office hours, e-mail, etc.)

unsatisfactory	fair	good	very good	excellent	not applicable
		X			

· Generates enthusiasm for the subject matter

unsatisfactory	fair	good	very good	excellent	not applicable
		X			

• Gives useful feedback on assignments

		•			
unsatisfactory	fair	good	very good	excellent	not applicable
		X			

• Returns assignments in a timely fashion

_			,			
	unsatisfactory	fair	good	very good	excellent	not applicable
			X			

Please comment on your Section Leader's teaching.

Questions Provided by the Instructor

Evaluate the Lecture Outlines used for student presentations in this class.

unsatisfactory	fair	good	very good	excellent	not applicable
		X			

Please provide suggestions for improving the Lecture Outlines, Homework Assignments and overall design of the course.

Give more structure... improve lectures by either making everything mandatory or giving better lecture guidelines.

strongly disagree	disagree	neither agree or disagree	agree	strongly agree	not applicable
		X			

Evaluation # 6 of 14

General Questions

Eva	luata	tha	course	overall	
⊏va	iuale	me	course	overall	i

unsatisfactory	fair	good	very good	excellent
			X	

• What were the strengths of this course? Please be specific and use concrete examples where possible.

Interesting material. Learn a lot about abstract math.

• How could this course be improved? Please use concrete examples where possible and provide constructive suggestions.

Eliminate the seminar teaching format and have the professor teach. Although it is useful to teach seminars because it forces the student to learn the material on their own beforehand, this benefit is outweighed by wasted time of poor presentations from students who did not properly prepare for theirs.

Evaluate the following:

• Course materials (readings, audio-visual materials, textbooks, lab manuals, website, etc.)

unsatisfactory	fair	good	very good	excellent		not applicable		
			X					

Add Comments?

Book was not that easy to understand

Assignments (exams, essays, problem sets, language homework, etc.)

,			0 0		
unsatisfactory	fair	good	very good	excellent	not applicable
		X			

Add Comments?

way too long. often tedious

• Feedback you received on work you produced in this course

unsatisfactory	fair	good	very good	excellent	not applicable
			X		
	_				

Add Comments?

Section component of the course

unsatisfactory	fair	good	very good	excellent	not applicable
			X		
Add Comments?					

What did this course require of you?

On average, how many hours per week did you spend on coursework outside of class?

O .	, ,	•	•	
< 3	3 - 6	7 - 10	11 - 14	> 14
				X

• How difficult did you find this course?

	•			
very easy	easy	moderate	difficult	very difficult
				Х

• In your opinion, what preparation or background is necessary to take this course?

Strong math skills and lots of time needed

	Elective
X	Concentration or Department Requirement
	Secondary Field or Language Citation Requirement
	Undergraduate Core or General Education Requirement

Expository Writing Requirement
Foreign Language Requirement
Pre-Med Requirement

Would you recommend this course?

• How strongly would you recommend this course to your peers?

definitely not	unlikely to	recommend with	likely to	recommend with
recommend	recommend	reservations	recommend	enthusiasm
		X		

• What would you like to tell future students about this class?

Take the course when you have ample time

What did you take away from your experience in this course?

• What did you learn? How did this course change you?

Learned a ton about abstract math.

Evaluation of Instructors

Stange, Katherine Elisabeth

Evaluate your Instructor overall.

unsatisfactory

unsatisfactory	fair	good	very good	excellent
				X

Evaluate your Instructor on the following:

• Gives effective lectures or presentations, if applicable

unsatisfactory	fair	good	very good	excellent	not applicable		
				Х			
Is accessible outside of class (including after class, office hours, e-mail, etc.)							
unsatisfactory	fair	good	very good	excellent	not applicable		
•							

Generates enthusiasm for the subject matter

Cenerates entitionality for the subject matter									
unsatisfactory	fair	good	very good	excellent	not applicable				
				X					

If this course was conducted in a lecture format with the involvement of section leaders, one or more of the following questions may not be applicable.

excellent

• Facilitates discussion and encourages participation

					Х				
Gives useful fee	Gives useful feedback on assignments								
unsatisfactory	fair	good	very good	excellent	not applicable				
					X				
Returns assignments in a timely fashion									
unsatisfactory	fair	good	very good	excellent	not applicable				
					X				

very good

Please comment on this person's teaching.

Evaluation of Course Assistants

Yergasheva, Dilshoda Zukhritdi

Evaluate your Section Leader overall.

unsatisfactory	fair	good	very good	excellent
				X

Evaluate your Section Leader on the following:

	<u> </u>		1		
unsatisfactory	fair	good	verv good	excellent	not applicable
unsatisfactory	ian	good	very good	CACCIICITE	not applicable
				V	
				Α	

• Facilitates discussion and encourages participation

unsatisfactory	fair	good	very good	excellent	not applicable
				X	

• Is accessible outside of class (including after class, office hours, e-mail, etc.)

unsatisfactory	fair	good	very good	excellent	not applicable
				X	

• Generates enthusiasm for the subject matter

unsatisfactory	fair	good	very good	excellent	not applicable
				X	

• Gives useful feedback on assignments

unsatisfactory	fair	good	very good	excellent	not applicable
				X	

• Returns assignments in a timely fashion

•		•			
unsatisfactory	fair	good	very good	excellent	not applicable
				Χ	

Please comment on your Section Leader's teaching.

Questions Provided by the Instructor

Evaluate the Lecture Outlines used for student presentations in this class.

			•			
unsatisfactory	fair	good	very good	excellent	not applicable	
			Х			

Please provide suggestions for improving the Lecture Outlines, Homework Assignments and overall design of the course.

Remove seminar component or have presentations graded so that people have incentive to do a good job.

strongly disagree	disagree	neither agree or disagree	agree	strongly agree	not applicable
				X	

Evaluation #7 of 14

General Questions

Evaluate the course overall.

unsatisfactory	fair	good	very good	excellent
			Х	

• What were the strengths of this course? Please be specific and use concrete examples where possible.

Kate and Dilshoda were very knowledgeable and went out of their ways to ensure that we understood the material.

• How could this course be improved? Please use concrete examples where possible and provide constructive suggestions.

Have more content taught by the professor since she is a really good lecturer. On the same note, have less taught by students by adjusting the outlines so that preliminary material is taught by Kate and problems/examples are demonstrated by students. The course website could be improved as well since it is hard to find everything easily.

Evaluate the following:

• Course materials (readings, audio-visual materials, textbooks, lab manuals, website, etc.)

	. •					
unsatisfactory	fair	good	very good	excellent	not applicable	
		Х				

Add Comments?

It would be better if had another book for the later outlines since it was annoying to look everything up on Google and wikipedia all time and then ask Dilshoda and Kate if it was correct.

• Assignments (exams, essays, problem sets, language homework, etc.)

unsatisfactory	fair	good	very good	excellent	not applicable
	X				

Add Comments?

The homeworks were very difficult and time consuming. I think I spent maybe 7 hours per week on problem sets. Also there were lots of little assignments for the course that popped up periodically that were pretty annoying i.e. blog posts, reading projects, presentation.

Feedback you received on work you produced in this course

unsatisfactory	fair	good	very good	excellent	not applicable
			X		

Add Comments?

Kate gave a lot of feedback which was helpful.

Section component of the course

unsatisfactory	fair	good	very good	excellent	not applicable
					X

Add Comments?

No sections just office hours which were good.

What did this course require of you?

• On average, how many hours per week did you spend on coursework outside of class?

< 3	3 - 6	7 - 10	11 - 14	> 14
		X		

How difficult did you find this course?

 	, ,			
very easy	easy	moderate	difficult	very difficult
			X	

• In your opinion, what preparation or background is necessary to take this course?

Linear algebra towards the end. The ability to do lots of small arithmetic calculations is a must.

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		Elective
ĺ	X	Concentration or Department Requirement
		Secondary Field or Language Citation Requirement
		Undergraduate Core or General Education Requirement
		Expository Writing Requirement
		Foreign Language Requirement
		Pre-Med Requirement

Would you recommend this course?

• How strongly would you recommend this course to your peers?

	-			
definitely not recommend	unlikely to recommend	recommend with reservations	likely to recommend	recommend with enthusiasm
			Χ	

• What would you like to tell future students about this class?

Take this course only if you are willing to put in a lot of work on content that very few other students know about/understand.

What did you take away from your experience in this course?

• What did you learn? How did this course change you?

I learn about symmetry, the icosahedron, and number theory.

Evaluation of Instructors

Stange, Katherine Elisabeth

Evaluate your Instructor overall.

unsatisfactory

unsatisfactory

unsatisfactory	fair	good	very good	excellent
			X	

good

Evaluate your Instructor on the following:

• Gives effective lectures or presentations, if applicable

			Y	
			^	
tside of class (i	ncluding after o	class office hour	rs e-mail etc.)	
<u> </u>				not applicable
Iali	good	very good	•xcellerit	not applicable
	tside of class (i fair	` <u> </u>		tside of class (including after class, office hours, e-mail, etc.) fair good very good excellent

very good

If this course was conducted in a lecture format with the involvement of section leaders, one or more of the following questions may not be applicable.

excellent

excellent

not applicable

not applicable

• Facilitates discussion and encourages participation

			Х		
Gives useful feed	back on assig	nments			
unsatisfactory	fair	good	very good	excellent	not applicable
			X		
Returns assignme	ents in a timel	y fashion			
unsatisfactory	fair	good	very good	excellent	not applicable

Please comment on this person's teaching.

Kate is great teacher but she never really lectured about anything since the course was in seminar format. She did a fairly good job though of answering questions that went unanswered by presenters in class and she went out of her way to help us with material via e-mail, office hours, and appointments.

Yergasheva, Dilshoda Zukhritdi

Evaluate your Section Leader overall.

unsatisfactory	fair	good	very good	excellent
				X

Evaluate your Section Leader on the following:

• Gives effective lectures or presentations, if applicable

unsatisfactory	fair	good	very good	excellent	not applicable
				Х	

Facilitates discussion and encourages participation

unsatisfactory	fair	good	very good	excellent	not applicable
				X	

• Is accessible outside of class (including after class, office hours, e-mail, etc.)

unsatisfactory	fair	good	very good	excellent	not applicable
				X	

• Generates enthusiasm for the subject matter

unsatisfactory	fair	good	very good	excellent	not applicable
				X	

· Gives useful feedback on assignments

		,			
unsatisfactory	fair	good	very good	excellent	not applicable
				X	

• Returns assignments in a timely fashion

_							
	unsatisfactory	fair	good	very good	excellent	not applicable	
					X		

Please comment on your Section Leader's teaching.

Dilshoda mainly graded homework and held office hours. Both of which she did very well.

Questions Provided by the Instructor

Evaluate the Lecture Outlines used for student presentations in this class.

			•			
unsatisfactory	fair	good	very good	excellent	not applicable	
	X					

Please provide suggestions for improving the Lecture Outlines, Homework Assignments and overall design of the course.

The lecture outlines are filled with jargon. If the first few sections of outline, which usually have all of the introductory information, were taught by Kate, the lecture outlines would make a lot more sense and would be more comprehensible. The problem with current format is that within the span of 5 to 10 minutes you learn about bunch of abstract mathematical information and then have to sit through another hour and twenty minutes of watching people doing problems that you don't understand. Also preparing for presentations is very difficult in the current setup since each part of a particular outline depends on an understanding of the parts preceding it. In order to prepare a presentation, you have to first understand the first few presentations immediately preceding yours which can be hard considering the fact that these presentation might be scheduled for same day as your presentation. So maybe, there should be more of a setup to each question so that they are more independent.

strongly disagree	disagree	neither agree or disagree	agree	strongly agree	not applicable
			X		

Evaluation #8 of 14

General Questions

Evaluate the course over	eraı	I
--------------------------	------	---

unsatisfactory	fair	good	very good	excellent
			Х	

• What were the strengths of this course? Please be specific and use concrete examples where possible.

Doable yet challenging material.

• How could this course be improved? Please use concrete examples where possible and provide constructive suggestions.

Less types of assignments and better spacing of deadlines.

Evaluate the following:

• Course materials (readings, audio-visual materials, textbooks, lab manuals, website, etc.)

	\		,	,	, ,
unsatisfactory	fair	good	very good	excellent	not applicable
				X	

Add Comments?

• Assignments (exams, essays, problem sets, language homework, etc.)

•					
unsatisfactory	fair	good	very good	excellent	not applicable
				X	

Add Comments?

• Feedback you received on work you produced in this course

unsatisfactory	fair	good	very good	excellent	not applicabl
				X	
	_				

Add Comments?

• Section component of the course

unsatisfactory	fair	good	very good	excellent	not applicable
					X
Add Comments	2				

What did this course require of you?

• On average, how many hours per week did you spend on coursework outside of class?

.	, ,	•	•	
< 3	3 - 6	7 - 10	11 - 14	> 14
	X			

• How difficult did you find this course?

	,			
very easy	easy	moderate	difficult	very difficult
		Х		

• In your opinion, what preparation or background is necessary to take this course?

3.6.41	2.1			
Math	21			

What was/were your reason(s) for enrolling in this course? (Please check all that apply)

	Elective
X	Concentration or Department Requirement
	Secondary Field or Language Citation Requirement
	Undergraduate Core or General Education Requirement
	Expository Writing Requirement
	Foreign Language Requirement
	Pre-Med Requirement

Would you recommend this course?

• How strongly would you recommend this course to your peers?

definitely not recommend	unlikely to recommend	recommend with reservations	likely to recommend	recommend with enthusiasm
				X

• What would you like to tell future students about this class?

Good way to satisfy applied math requirements.

What did you take away from your experience in this course?

• What did you learn? How did this course change you?

I learned that math doesn't always have to be overwhelming and difficult.

Evaluation of Instructors

Stange, Katherine Elisabeth

Evaluate your Instructor overall.

unsatisfactory	fair	good	very good	excellent
				Х

Evaluate your Instructor on the following:

• Gives effective lectures or presentations, if applicable

unsatisfactory	fair	good	very good	excellent X	not applicable
Is accessible or	utside of class (i	including after o	lass, office hou	rs, e-mail, etc.)	not applicable

• Generates enthusiasm for the subject matter

		•			
unsatisfactory	fair	good	very good	excellent	not applicable
				X	

If this course was conducted in a lecture format with the involvement of section leaders, one or more of the following questions may not be applicable.

• Facilitates discussion and encourages participation

unsatisfactory	fair	good	very good	excellent	not applicable
				X	
Gives useful fee	edback on assic	inments			
	fair	_	your good	oveellent	not annlicable
unsatisfactory	Iali	good	very good	excellent	not applicable
					X
		,			
 Returns assign 	ments in a timel	y fashion			
unsatisfactory	fair	good	very good	excellent	not applicable
					X

Please comment on this person's teaching.

Seminar style class, but Kate did a good job of jumping in when necessary, especially later in the semester.

Evaluation of Course Assistants

Yergasheva, Dilshoda Zukhritdi

Evaluate your Section Leader overall.

unsatisfactory	fair	good	very good	excellent
		Х		

Evaluate your Section Leader on the following:

Gives effective lectures or presentations, if applicable

unsatisfactory	fair	good	very good	excellent	not applicat
					X
acilitates discus	sion and enco	ourages partici	pation		
unsatisfactory	fair	good	very good	excellent	not applicab
					X
s accessible outs	side of class (i	ncluding after	class, office hou	rs, e-mail, etc.)	
unsatisfactory	fair	good	very good	excellent	not applicab
-	Х				
Senerates enthus unsatisfactory	fair	good	very good	excellent	not applicab
		X			
Gives useful feed	back on assig	nments			
unsatisfactory	fair	good	very good	excellent	not applicab
				X	
Returns assignme	ents in a timel	y fashion			
unsatisfactory	fair	good	very good	excellent	not applicab
anoanoración					

Please comment on your Section Leader's teaching.

Questions Provided by the Instructor

Evaluate the Lecture Outlines used for student presentations in this class.

unsatisfactory	fair	good	very good	excellent	not applicable
				X	

Please provide suggestions for improving the Lecture Outlines, Homework Assignments and overall design of the course.

Better spacing of assignments--it was really tough when I had a presentation, homework assignment, exploratory assignment, and quiz all due in one week!

strongly disagree	disagree	neither agree or disagree	agree	strongly agree	not applicable
				X	

Evaluation #9 of 14

General Questions

Evaluate t	he course	overall
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unsatisfactory	fair	good	very good	excellent
			X	

• What were the strengths of this course? Please be specific and use concrete examples where possible.

I like the presentation style of the class. It really forced you to learn the material and pay attention is class.

• How could this course be improved? Please use concrete examples where possible and provide constructive suggestions.

Presentations need to be more efficient and there needs to be less assignments. Professor needs to jump in more if students are having trouble.

Evaluate the following:

• Course materials (readings, audio-visual materials, textbooks, lab manuals, website, etc.)

unsatisfactory	foir	good	verv good	ovcollont	not applicable
urisalistaciony	tair	good	very good	excellent	not applicable
•					
		l X			

Add Comments?

• Assignments (exams, essays, problem sets, language homework, etc.)

unsatisfactory	fair	good	very good	excellent	not applicable
		X			

Add Comments?

Too may assignments.

• Feedback you received on work you produced in this course

unsatisfactory	fair	good	very good	excellent	not applicable	
			X			
Add Comments	?					

Section component of the course

•	dection compo					
	unsatisfactory	fair	good	very good	excellent	not applicable
						X

Add Comments?

What did this course require of you?

• On average, how many hours per week did you spend on coursework outside of class?

< 3	3 - 6	7 - 10	11 - 14	> 14
	Χ			

• How difficult did you find this course?

very easy	easy	moderate	difficult	very difficult
	X			

• In your opinion, what preparation or background is necessary to take this course?

at w	do, were your reason(e) for ememing in the course. (I leade effect all that apply)
	Elective
X	Concentration or Department Requirement
	Secondary Field or Language Citation Requirement
	Undergraduate Core or General Education Requirement
	Expository Writing Requirement
	Foreign Language Requirement
	Pre-Med Requirement

Would you recommend this course?

• How strongly would you recommend this course to your peers?

definitely not recommend	unlikely to recommend	recommend with reservations	likely to recommend	recommend with enthusiasm
			Χ	

What would you like to tell future students about this class?

It is a good class and you learn a lot. Be prepared to work.

What did you take away from your experience in this course?

• What did you learn? How did this course change you?

I learned a lot about symmetry in this course. It also increased my speed with math as well. I enjoyed this course.

Evaluation of Instructors

Stange, Katherine Elisabeth

Evaluate your Instructor overall.

unsatisfactory

unsatisfactory	fair	good	very good	excellent
			Х	

Evaluate your Instructor on the following:

• Gives effective lectures or presentations, if applicable

X	unsatisfactory	fair	good	very good	excellent	not applicable
				X		

• Is accessible outside of class (including after class, office hours, e-mail, etc.)

	,	9	,	, ,	
unsatisfactory	fair	good	very good	excellent	not applicable
			X		

• Generates enthusiasm for the subject matter

		•			
unsatisfactory	fair	good	very good	excellent	not applicable
				X	

If this course was conducted in a lecture format with the involvement of section leaders, one or more of the following questions may not be applicable.

excellent

not applicable

 Facilitates discussion and encourages participation fair

• Civi	es usetul tee	dback on assig	nments			
un	satisfactory	fair	good	very good	excellent	not applicable
			X			

very good

Returns assignments in a timely fashion

		,			
unsatisfactory	fair	good	very good	excellent	not applicable
			X		

Please comment on this person's teaching.

Very enthusiastic as a teacher and willing to help. I think she did a very nice job.

Questions Provided by the Instructor

Evaluate the Lecture Outlines used for student presentations in this class.

			•			
unsatisfactory	fair	good	very good	excellent	not applicable	
			Х			

Please provide suggestions for improving the Lecture Outlines, Homework Assignments and overall design of the course.

Number of assignments need to be reduced but I liked the materials. The Lectures notes for 9 need to be improved and more resources for the later outlines and their applicability would be helpful.

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strongly disagree	disagree	neither agree or disagree	agree	strongly agree	not applicable
			Х		

Evaluation # 10 of 14

General Questions

Evaluate the course over	ral	vera
--------------------------	-----	------

unsatisfactory	fair	good	very good	excellent
		Х		

- What were the strengths of this course? Please be specific and use concrete examples where possible.
- How could this course be improved? Please use concrete examples where possible and provide constructive suggestions.
 Having the teacher teach would help. Students often didn't grasp concepts when they presented, and so it made it tough to learn.

Evaluate the following:

• Course materials (readings, audio-visual materials, textbooks, lab manuals, website, etc.)

ulisalistaciory	Iali	good	very good	excellent		not applicable	
			Х				
A alal Camana anta	2				_		
Add Comments	i						
Outlines were	helnful						

• Assignments (exams, essays, problem sets, language homework, etc.)

,	, , , ,	,	0 0	, ,	
unsatisfactory	fair	good	very good	excellent	not applicable
		X			

Add Comments?

Exams were fair, but there were too many other assignments.

• Feedback you received on work you produced in this course

unsatisfactory	fair	good	very good	excellent	not applicable
				X	
Add Comments	?				

Section component of the course

unsatisfactory	fair	good	very good	excellent	1	not applicable
						X
Add Comments	?					

What did this course require of you?

• On average, how many hours per week did you spend on coursework outside of class?

< 3	3 - 6	7 - 10	11 - 14	> 14
		Х		

• How difficult did you find this course?

very easy	easy	moderate	difficult	very difficult
			X	

• In your opinion, what preparation or background is necessary to take this course?

,	•	,	 9	•	
Linear	Alge				

3
Elective
Concentration or Department Requirement
Secondary Field or Language Citation Requirement
Undergraduate Core or General Education Requirement
Expository Writing Requirement
Foreign Language Requirement
Pre-Med Requirement

Would you recommend this course?

• How strongly would you recommend this course to your peers?

definitely not recommend	unlikely to recommend	recommend with reservations	likely to recommend	recommend with enthusiasm
		Х		

• What would you like to tell future students about this class?

What did you take away from your experience in this course?

• What did you learn? How did this course change you?

Evaluation of Instructors

Stange, Katherine Elisabeth

Evaluate your Instructor overall.

unsatisfactory

unsatisfactory	fair	good	very good	excellent
	X			

Evaluate your Instructor on the following:

• Gives effective lectures or presentations, if applicable

unsatisfactory	fair	good	very good	excellent	not applicable			
					X			
Is accessible outside of class (including after class, office hours, e-mail, etc.)								
unsatisfactory	fair	good	very good	excellent	not applicable			
,			, ,	X				
Generates enthusiasm for the subject matter								
unsatisfactory	fair	good	very good	excellent	not applicable			

If this course was conducted in a lecture format with the involvement of section leaders, one or more of the following questions may not be applicable.

excellent

• Facilitates discussion and encourages participation fair

	^								
Gives useful feedback on assignments									
unsatisfactory	fair	good	very good	excellent	not applicable				
-		-		Х					
Returns assignments in a timely fashion									
unsatisfactory	fair	good	very good	excellent	not applicable				
				Х					

very good

Please comment on this person's teaching.

Evaluation of Course Assistants

Yergasheva, Dilshoda Zukhritdi

Evaluate your Section Leader overall.

unsatisfactory	fair	good	very good	excellent
				X

Evaluate your Section Leader on the following:

• Gives effective lectures or presentations, if applicable

unsatisfactory	fair	good	very good	excellent
				X

not applicable

not applicable

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• Facilitates discussion and encourages participation

		•			
unsatisfactory	fair	good	very good	excellent	not applicable
				Х	

• Is accessible outside of class (including after class, office hours, e-mail, etc.)

unsatisfactory	fair	good	very good	excellent	not applicable
				X	

· Generates enthusiasm for the subject matter

unsatisfactory	fair	good	very good	excellent	not applicable
				Х	

• Gives useful feedback on assignments

		,			
unsatisfactory	fair	good	very good	excellent	not applicable
				Х	

• Returns assignments in a timely fashion

unsatisfactory	fair	good	very good	excellent	not applicable
				X	

Please comment on your Section Leader's teaching.

Questions Provided by the Instructor

Evaluate the Lecture Outlines used for student presentations in this class.

unsatisfactory	fair	good	very good	excellent	not applicable
			Х		

Please provide suggestions for improving the Lecture Outlines, Homework Assignments and overall design of the course.

strongly disagree	disagree	neither agree or disagree	agree	strongly agree	not applicable
				Х	

Evaluation # 11 of 14

General Questions

Evaluate the course over	ral	vera
--------------------------	-----	------

unsatisfactory	fair	good	very good	excellent
				X

• What were the strengths of this course? Please be specific and use concrete examples where possible.

The material is great, and the professor is too.

• How could this course be improved? Please use concrete examples where possible and provide constructive suggestions.

I think more work on how to do a good in class presentation would have been helpful at the beginning of the class.

Evaluate the following:

• Course materials (readings, audio-visual materials, textbooks, lab manuals, website, etc.)

unsatisfactory	fair	good	very good	excellent	not applicable
		X			

Add Comments?

• Assignments (exams, essays, problem sets, language homework, etc.)

unsatisfactory	fair	good	very good	excellent	not applicable
			X		

Add Comments?

• Feedback you received on work you produced in this course

unsatisfactory	fair	good	very good	excellent	not applicable
				X	

Add Comments?

Section component of the course

Coonon compo	ionic or and oodi	00				
unsatisfactory	fair	good	very good	excellent	not applicable	
					X	

Add Comments?

I loved doing the reading project. I know it was unpopular, but I liked it and learned so much.

What did this course require of you?

• On average, how many hours per week did you spend on coursework outside of class?

- 3	3-6	7 - 10	11 - 14	> 1 4
\ 3	3-0	7 - 10	11 - 14	/ 14
		∖ X		

• How difficult did you find this course?

very easy	easy	moderate	difficult	very difficult
		Х		

• In your opinion, what preparation or background is necessary to take this course?

T	inear	2	laehra	probability	
	anear	и.	igenia	propapility	

at w	as were your reason(s) for enrolling in this course: (I lease check all that a
	Elective
X	Concentration or Department Requirement
	Secondary Field or Language Citation Requirement
	Undergraduate Core or General Education Requirement
	Expository Writing Requirement
	Foreign Language Requirement
	Pre-Med Requirement

Would you recommend this course?

• How strongly would you recommend this course to your peers?

definitely not recommend	unlikely to recommend	recommend with reservations	likely to recommend	recommend with enthusiasm
				X

• What would you like to tell future students about this class?

The workload isn't that bad and you learn about a lot of cool math topics.

What did you take away from your experience in this course?

• What did you learn? How did this course change you?

This class made me appreciate theoretical math.

Evaluation of Instructors

Stange, Katherine Elisabeth

Evaluate your Instructor overall.

unsatisfactory	fair	good	very good	excellent
				X

Evaluate your Instructor on the following:

• Gives effective lectures or presentations, if applicable

unsatisfactory	fair	good	very good	excellent
				Х

not applicable

• Is accessible outside of class (including after class, office hours, e-mail, etc.)

	,	9	•	, ,
unsatisfactory	fair	good	very good	excellent
				Х

not applicable

not applicable

• Generates enthusiasm for the subject matter

		-			
unsatisfactory	fair	good	very good	excellent	
				Х	

If this course was conducted in a lecture format with the involvement of section leaders, one or more of the following questions may not be applicable.

excellent

very good

 Facilitates discussion and encourages participation fair

Gives useful fee		

good

not applicable

unsatisfactory

unsatisfactory	fair	good	very good	excellent
				Х

not applicable

Returns assignments in a timely fashion

totallio decigiillorile iii d tiirloriy tacillori					
unsatisfactory	fair	good	very good	excellent	
				X	

not applicable

Please comment on this person's teaching.

Kate is so enthusiastic and smart. Unlike a lot of math profs, she isn't intimidating.

Evaluation of Course Assistants

Yergasheva, Dilshoda Zukhritdi

Evaluate your Section Leader overall.

unsatisfactory	fair	good	very good	excellent
		X		

Evaluate your Section Leader on the following:

• Gives effective lectures or presentations, if applicable

unsatisfactory	fair	good	very good	excellent	not applicable
					X
Facilitates discus	ssion and enco	ourages partici	pation		
unsatisfactory	fair	good	very good	excellent	not applicable
					X
Is accessible out	side of class (including after	class, office hou	rs, e-mail, etc.)	
unsatisfactory	fair	good	very good	excellent	not applicable
		Х			
Generates enthu	siasm for the	subject matter			
unsatisfactory	fair	good	very good	excellent	not applicable
					X
Gives useful fee	dback on assi	gnments			
Gives useful feed unsatisfactory	dback on assi fair	gnments good	very good	excellent	not applicable
		<u> </u>	very good	excellent	not applicable
	fair	good	very good	excellent	• •
unsatisfactory	fair	good	very good	excellent	• •

Questions Provided by the Instructor

Evaluate the Lecture Outlines used for student presentations in this class.

unsatisfactory	fair	good	very good	excellent	not applicable
			X		

Please provide suggestions for improving the Lecture Outlines, Homework Assignments and overall design of the course.

I think the notes for some of the lectures could be fleshed out a bit, especially for more theoretical topics.

strongly disagree	disagree	neither agree or disagree	agree	strongly agree	not applicable
				X	

Evaluation # 12 of 14

General Questions

Evaluate the course of	veral	ı

unsatisfactory	fair	good	very good	excellent
				Х

• What were the strengths of this course? Please be specific and use concrete examples where possible.

Awesome seminar format. Really interesting material. It wasn't intimidating, yet I felt like I learned some substantial stuff.

• How could this course be improved? Please use concrete examples where possible and provide constructive suggestions.

Some students were not so prepared for the presentations, and we need to be told when our presentations are bad. More explanation/elucidation from the professor during class (2nd half of course was good).

Evaluate the following:

• Course materials (readings, audio-visual materials, textbooks, lab manuals, website, etc.)

		` .				
uncatio	efactory	fair	hoon	very good	avcallant	not applicable
unsan	siacioi y	Iali	good	very good	excellent	not applicable
				v		
				X		

Add Comments?

• Assignments (exams, essays, problem sets, language homework, etc.)

unsatisfactory	fair	good	very good	excellent	not applicable
				X	

Add Comments?

• Feedback you received on work you produced in this course

,		, ,				
unsatisfactory	fair	go	ood	very good	excellent	not applicable
					Х	

Add Comments?

• Section component of the course

unsatisfactory	fair	good	very good	excellent	not applicable
					X
Add Comments	?				

What did this course require of you?

On average, how many hours per week did you spend on coursework outside of class?

< 3	3 - 6	7 - 10	11 - 14	> 14
		X		

• How difficult did you find this course?

very easy	easy	moderate	difficult	very difficult
		X		

• In your opinion, what preparation or background is necessary to take this course?

Math 21a/b	seguence o	r equivalent
uviain zaa/b	sequence o	r eduivaieni

at w	do word year reader (6) for enreining in the econoc. (I leade check an that appr
	Elective
X	Concentration or Department Requirement
	Secondary Field or Language Citation Requirement
	Undergraduate Core or General Education Requirement
	Expository Writing Requirement
	Foreign Language Requirement
	Pre-Med Requirement

Would you recommend this course?

How strongly would you recommend this course to your peers?

definitely not recommend	unlikely to recommend	recommend with reservations	likely to recommend	recommend with enthusiasm
			Χ	

What would you like to tell future students about this class?

Icosahedra were never this cool before.

What did you take away from your experience in this course?

• What did you learn? How did this course change you?

I can't stop seeing math everywhere I go. It's kind of freaky.

Evaluation of Instructors

Stange, Katherine Elisabeth

Evaluate your Instructor overall.

unsatisfactory	fair	good	very good	excellent
			X	

Evaluate your Instructor on the following:

• Gives effective lectures or presentations, if applicable

unsatisfactory	fair	good	very good	excellent	not applicable
			X		

Is accessible outside of class (including after class, office hours, e-mail, etc.)

		-		•	
unsatisfactory	fair	good	very good	excellent	not applicable
				X	

• Generates enthusiasm for the subject matter

		,			
unsatisfactory	fair	good	very good	excellent	not applicable
				X	

If this course was conducted in a lecture format with the involvement of section leaders, one or more of the following questions may not be applicable.

• Facilitates discussion and encourages participation

	unsatisfactory	fair	good	very good	excellent	not applicable
					X	
•	Gives useful fee	edback on assig	ınments			
	unsatisfactory	fair	good	very good	excellent	not applicable
			X			
•	Returns assigni	ments in a timel	y fashion			
	unsatisfactory	fair	good	very good	excellent	not applicable
						X

Please comment on this person's teaching.

Very enthusiastic. Really cares about the students and the subject, and it shows. Always trying to get us more involved in the class and interested in math in general.

Evaluation of Course Assistants

Yergasheva, Dilshoda Zukhritdi

Evaluate your Section Leader overall.

unsatisfactory	fair	good	very good	excellent
		X		

Evaluate your Section Leader on the following:

• Gives effective lectures or presentations, if applicable

	•				
unsatisfactory	fair	good	very good	excellent	not applicable
					X

• Facilitates discussion and encourages participation

unsatisfactory	fair	good	very good	excellent	not applicable
					X

• Is accessible outside of class (including after class, office hours, e-mail, etc.)

unsatisfactory	fair	good	very good	excellent	not applicable
			X		

• Generates enthusiasm for the subject matter

		•			
unsatisfactory	fair	good	very good	excellent	not applicable
		X			

• Gives useful feedback on assignments

unsatisfactory	fair	good	very good	excellent	not applicable
			Χ		

• Returns assignments in a timely fashion

rtotarrio accigin		y raornon				
unsatisfactory	fair	good	very good	excellent	not applicable	
			X			

Please comment on your Section Leader's teaching.

Questions Provided by the Instructor

Evaluate the Lecture Outlines used for student presentations in this class.

unsatisfactory	fair	good	very good	excellent	not applicable
				X	

Please provide suggestions for improving the Lecture Outlines, Homework Assignments and overall design of the course.

strongly disagree	disagree	neither agree or disagree	agree	strongly agree	not applicable
			X		

Evaluation # 13 of 14

General Questions

Evaluate the course overall.

unsatisfactory	fair	good	very good	excellent
				X

• What were the strengths of this course? Please be specific and use concrete examples where possible.

It is a weird teaching format but it works because of the extra work required... as much as I hate to admit that extra work was good, in this case it was. The exploratory problems forced me to really understand some concepts and delve a little deeper into them. Same for the presentations... since these occurred fairly regularly they ensured that I was fairly up to date with the material since I had to know a lot of the previous concepts when I presented my topics. I also really enjoyed the material. The Computer Assignments were also really neat in my opinion.

How could this course be improved? Please use concrete examples where possible and provide constructive suggestions.

I think the blog posts ended up being less helpful and really was just about getting a requirement done.

Evaluate the following:

Course materials (readings, audio-visual materials, textbooks, lab manuals, website, etc.)

unsatisfactory	fair	good	very good	excellent	not applicable
			X		
Add Comments	?				

Assignments (exams, essays, problem sets, language homework, etc.)

3			, 3	, ,	
unsatisfac	tory fair	good	very good	excellent	not applicable
				Х	

Add Comments?

really a plus on this course... the assignments were constructed beautifully in such a way that they covered most of the main topics and made us learn them and then expand upon them just a little bit - which is really the best way to learn something in the first place (ie by being forced to use it)

ant number line

Feedback you received on work you produced in this course

Y
^

Add Comments?

it was always sufficient, nothing more needed

Section component of the course

unsatisfactory	fair	good	very good	excellent	not	applicable
						X
Add Comments	?					

What did this course require of you?

• On average, how many hours per week did you spend on coursework outside of class?

J ,	, ,	,		
< 3	3 - 6	7 - 10	11 - 14	> 14
		X		

• How difficult did you find this course?

	,			
very easy	easy	moderate	difficult	very difficult
		X		

• In your opinion, what preparation or background is necessary to take this course?

through 21a, 21b

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	Elective
	Concentration or Department Requirement
Χ	Secondary Field or Language Citation Requirement
	Undergraduate Core or General Education Requirement
	Expository Writing Requirement
	Foreign Language Requirement
	Pre-Med Requirement

Would you recommend this course?

• How strongly would you recommend this course to your peers?

	-			
definitely not recommend	unlikely to recommend	recommend with reservations	likely to recommend	recommend with enthusiasm
				X

• What would you like to tell future students about this class?

I found it strange but in a very good way. I loved the material and have come away understanding it better than I have understood any math class since coming to harvard. There were lots of moments that made me feel like I had accomplished something and really made a breakthrough in understanding. All of that being said, it's important to know that this class has a _lot_ of extra work on top of hw. It's a pain and takes time but if you really do it you'll learn a lot and in retrospect I'm glad I had it.

What did you take away from your experience in this course?

• What did you learn? How did this course change you?

I learned a lot about groups, permutations, vector spaces, rings, fields, and how they all relate to each other. I was exposed to the weirdness that is finite geometry and how math changes when you only have a finite number of elements to deal with

Evaluation of Instructors

Stange, Katherine Elisabeth

Evaluate your Instructor overall.

unsatisfactory	fair	good	very good	excellent
			X	

Evaluate your Instructor on the following:

• Gives effective lectures or presentations, if applicable

unsatisfactory	fair	good	very good	excellent	not applicable
					X
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ls accessible ou	iside of class (i	ncluding after c	lass, office flour	s, e-mail, etc.)	
unsatisfactory	fair	good	very good	excellent	not applicable
		-		Х	
Generates enthu	usiasm for the s	subject matter			
unsatisfactory	fair	good	very good	excellent	not applicable
		-	X		

If this course was conducted in a lecture format with the involvement of section leaders, one or more of the following questions may not be applicable.

excellent

not applicable

Facilitates discussion and encourages participation

	unsatisfactory	tair	good	very good	excellent	not applicable
			X			
•	Gives useful fee	edback on assig	nments			

unsatisfactory fair go

•	Returns assignr	ments in a timel	y fashion			
	unsatisfactory	fair	good	very good	excellent	not applicable

Please comment on this person's teaching.

haha this isn't really relevant since most of the teaching was done by students through the outline. However when she did teach, Kate was very clear. It was extremely helpful to have her step in and point things out or make clarifications

Evaluation of Course Assistants

Yergasheva, Dilshoda Zukhritdi

Evaluate your Section Leader overall.

unsatisfactory	fair	good	very good	excellent
			X	

Evaluate your Section Leader on the following:

•	Gives effective	lectures or	presentations,	if applicable

unsatisfactory	fair	good	very good	excellent	not applicable
					X

• Facilitates discussion and encourages participation

u	ınsatisfactory	fair	good	very good	excellent	not applicable
						Χ

• Is accessible outside of class (including after class, office hours, e-mail, etc.)

		-		•		
unsatisfactory	fair	good	very good	excellent	not applicable	
			X			

• Generates enthusiasm for the subject matter

		•			
unsatisfactory	fair	good	very good	excellent	not applicable
					X

• Gives useful feedback on assignments

unsatisfactory	fair	good	very good	excellent	not applicable
			X		

• Returns assignments in a timely fashion

returns acongriments in a timery racinion					
unsatisfactory	fair	good	very good	excellent	not applicable
			X		

Please comment on your Section Leader's teaching.

dilshoda!

Questions Provided by the Instructor

Evaluate the Lecture Outlines used for student presentations in this class.

unsatisfactory	fair	good	very good	excellent	not applicable	
			X			

Please provide suggestions for improving the Lecture Outlines, Homework Assignments and overall design of the course.

They are great. I particularly appreciated the sections that had additional notes, such as the notes covering SL(2, F4) and using the trace to evaluate it and relate it to A5.

3		,,			
strongly disagree	disagree	neither agree or disagree	agree	strongly agree	not applicable
				Х	

Evaluation # 14 of 14

General Questions

Evaluate the	course	overall
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unsatisfactory	fair	good	very good	excellent
				X

• What were the strengths of this course? Please be specific and use concrete examples where possible.

The flow of the course was well-motivated. Kate was extremely well organized.

• How could this course be improved? Please use concrete examples where possible and provide constructive suggestions.

Harsher feedback on student presentations is necessary. Many students were underprepared to teach the course material.

Evaluate the following:

• Course materials (readings, audio-visual materials, textbooks, lab manuals, website, etc.)

	, •				
unsatisfactory	fair	good	very good	excellent	not applicable
				X	

Add Comments?

Assignments (exams, essays, problem sets, language homework, etc.)

,			0 0	. ,	
unsatisfactory	fair	good	very good	excellent	not applicable
				X	

Add Comments?

• Feedback you received on work you produced in this course

-					
unsatisfactory	fair	good	very good	excellent	not applicable
			X		

Add Comments?

Grading mistakes were not uncommon.

• Section component of the course

unsatisfactory	fair	good	very good	excellent	not applicable
					X
Add Commente?)	'			

What did this course require of you?

• On average, how many hours per week did you spend on coursework outside of class?

- 3	3-6	7 - 10	11 - 14	> 1 4
\ 3	3-0	7 - 10	11 - 14	/ 14
		∖ X		

• How difficult did you find this course?

very easy	easy	moderate	difficult	very difficult
		Х		

• In your opinion, what preparation or background is necessary to take this course?

,	,	 3	,
nono			
none			

	rady from your roadon (o) for ornaming in this oburdo. (I loaded officer all that apply
	Elective
X	Concentration or Department Requirement
	Secondary Field or Language Citation Requirement
	Undergraduate Core or General Education Requirement
	Expository Writing Requirement
	Foreign Language Requirement
	Pre-Med Requirement

Would you recommend this course?

• How strongly would you recommend this course to your peers?

definitely r recommer	ely to recomme mend reserva	
		Х

• What would you like to tell future students about this class?

Teaching the material you are trying to learn is a fun and unique experience.

What did you take away from your experience in this course?

• What did you learn? How did this course change you?

The course enriched my understanding of theoretical mathematics and math teaching.

Evaluation of Instructors

Stange, Katherine Elisabeth

Evaluate your Instructor overall.

unsatisfactory

unsatisfactory	fair	good	very good	excellent
				X

Evaluate your Instructor on the following:

• Gives effective lectures or presentations, if applicable

unsatisfactory	fair	good	very good	excellent	not applicable
					X

• Is accessible outside of class (including after class, office hours, e-mail, etc.)

good

unsatisfactory	fair	good	very good	excellent	not applicable
				X	

• Generates enthusiasm for the subject matter

		,			
unsatisfactory	fair	good	very good	excellent	not applicable
				X	

If this course was conducted in a lecture format with the involvement of section leaders, one or more of the following questions may not be applicable.

excellent

not applicable

• Facilitates discussion and encourages participation fair

, (Gives useful fee	edback on assig	ınments			
	unsatisfactory	fair	good	very good	excellent	not applicable
					X	
,	Returns assignr	ments in a timel	y fashion			
	unsatisfactory	fair	good	very good	excellent	not applicable

very good

Please comment on this person's teaching.

Kate should have stepped in more to correct/criticize students.

Evaluation of Course Assistants

Yergasheva, Dilshoda Zukhritdi

Evaluate your Section Leader overall.

	•				
	unsatisfactory	fair	good	very good	excellent
Î				X	

Evaluate your Section Leader on the following:

• Gives effective lectures or presentations, if applicable

acilitates discus		<u> </u>		ш.	
unsatisfactory	fair	good	very good	excellent	not applicable
					X
accessible outs	ide of class (including after	class, office hou	rs, e-mail, etc.)	
unsatisfactory	fair	good	very good	excellent	not applicable
					X
Senerates enthus	iasm for the	subject matter			
Senerates enthus unsatisfactory	iasm for the fair	subject matter good	very good	excellent	not applicable
	fair	good	very good	excellent	
unsatisfactory	fair	good	very good	excellent	
unsatisfactory Gives useful feed	fair back on assi	good	, , ,		X
Gives useful feed unsatisfactory	fair back on assi fair	good gnments good	very good		X
unsatisfactory Gives useful feed	fair back on assi fair	good gnments good	very good		X

Grading mistakes were not uncommon.

Questions Provided by the Instructor

Evaluate the Lecture Outlines used for student presentations in this class.

Please comment on your Section Leader's teaching.

unsatisfactory	fair	good	very good	excellent	not applicable	
			X			

Please provide suggestions for improving the Lecture Outlines, Homework Assignments and overall design of the course.

The mistake on the final problem of the final problem set was an atrocity. I spent at least 5 hours trying to figure it out and still had points deducted for it even though it was impossible.

strongly disagree	disagree	neither agree or disagree	agree	strongly agree	not applicable
				X	