

1718\_ECN\_School of Economics  
 Advanced Mathematical Economics  
 UG; Credit Level: 10; Credits: 20; NYT: 4  
 Course Organiser: Dr Andrew Clausen



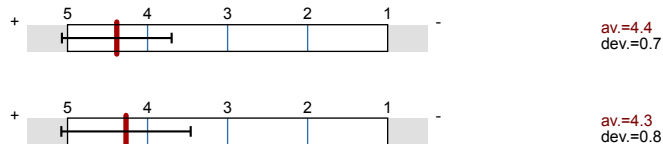
Overall No. of Responses: 23; Overall Response Rate: 71.9%

Advanced Mathematical Economics (ECNM10085\_17-18\_SV1\_SEM1\_PAPER\_Advanced Mathematical Economics)

Overall indicators

Advanced Mathematical Economics  
 (ECNM10085\_17-18\_SV1\_SEM1\_PAPER\_CACORE18\_Advanced Mathematical Economics) -

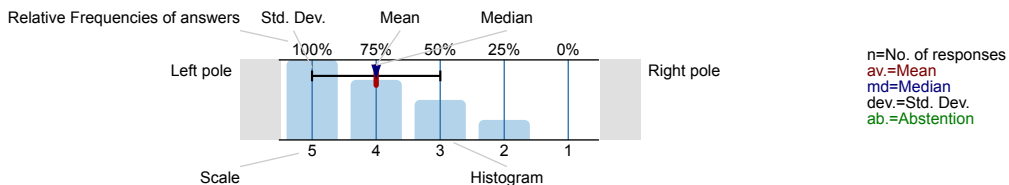
Dr Andrew Clausen -



Survey Results

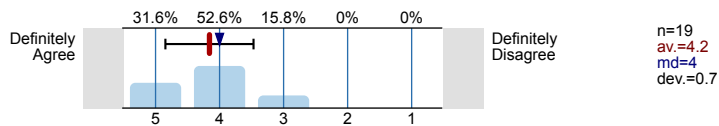
Legend

Question text

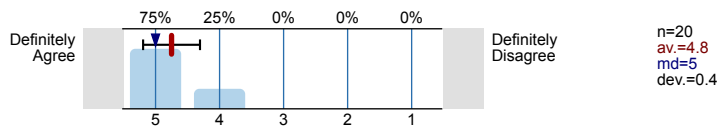


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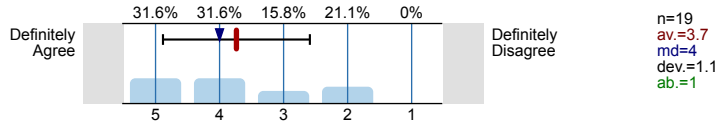
The course was well organised



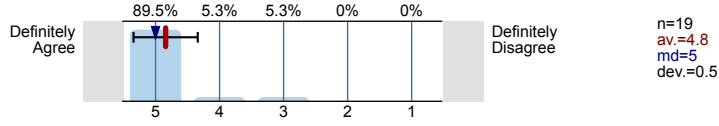
The learning aims of the course were clear



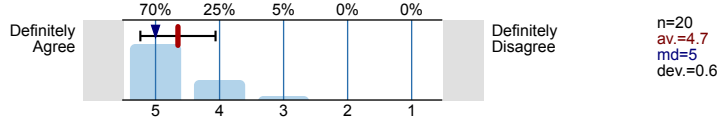
Feedback so far has been helpful and informative



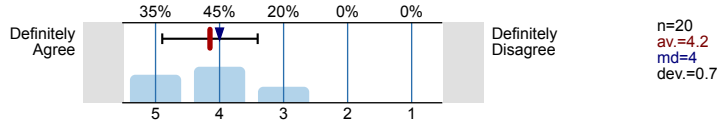
This course has been intellectually challenging



The course has developed my skills and abilities

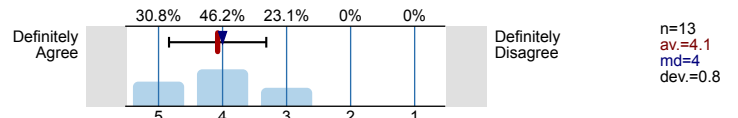


Overall I am satisfied with the quality of the course

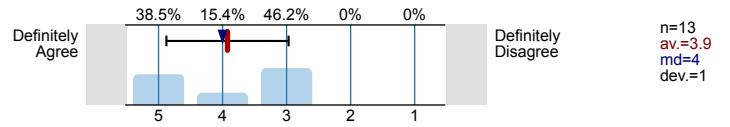


Dr Andrew Clausen -

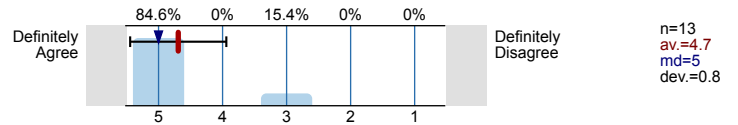
was organised and well prepared



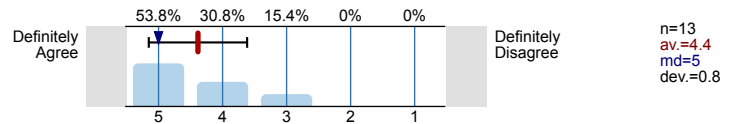
was good at explaining the subject



was approachable and willing to help



stimulated my interest in the subject



## Comments Report

Advanced Mathematical Economics (ECNM10085\_17-18\_SV1\_SEM1\_PAPER\_CACORE18\_Advanced Mathematical Economics) -

What did you find most valuable about the course?

Great Materials (i.e. Course book, past papers + sample solutions)  
~~Recorded lecture~~ Lecture recordings (useful especially for the technical material)

The exercises and its answers

The teacher is really helpful.

~~Some content was not understood~~

The lecture notes are available online and the tutorials were very helpful in understanding the material

The course allowed me to look at economic concepts from a mathematical point of view.

• It definitely will be helpful for postgraduate study

This course is tough, but the lecture and tutorial (and the notes) are well-organised to help with understanding.

Mathematical skills related back with Economics.

~~This is a full course~~

The content - no other undergrad course is like this so its very valuable.

It's useful for future use

Good bridge between undergraduate and graduate studies

-Comprehensive notes.

-interesting material / helpful for post graduate studies

Applying mathematics to economics problems, i.e. part A of the course - and situations when there's been a clear link between topology and economics.

• The lecturer's dedication, intellectual stimulation & willingness to help.

Notes / Online textbook was very useful.

Mathematical skills for Economics.

Content is extremely challenging for students with no prior exposure to Mathematics at university level.

I find it interesting to be able see economic theories with mathematical derivations (definitely really challenging).

What improvements, if any, would you make to the course?

More ~~of~~ personalised feedback.  
 Smaller tutorials (maybe have more staff members involved).  
 More links between topology and econ.

Split the big tutorial into several small ones.

Answers to all the questions.

~~we~~ should have mock exam before real exam.  
 if the feedbacks for submission sbe provided, it would be great.

Feedback given to the H/w submitted.

Lecture and tutorial recordings could be provided.

- This class is not prepared to accept 40 students in a class and perhaps this is not a subject where it is effective to only have one tutorial that accommodates everyone. Since ~~p~~ everyone might have different way of answering question. Returning our homework w feedback'd be good!!

Should provide more feedback.

Explain more clearly.

~~could be provided~~

The idea to get rid of lectures is good - maybe try a flipped classroom.

I think having answers to all problems would be very helpful.

Have ~~more~~ smaller tutorial groups.

Please provide complete / step-by-step answer guide without mistake if possible.

Notation is too short-hand. Also, please change  $\mathbb{R}_{++}$ ,  $\mathbb{R}_+$  to  $\mathbb{R}_{>0}$ ,  $\mathbb{R}_{\geq 0}$ !!

seems to be a great course, although may be too much for 1 semester. Discrete math (intro to proofs) should be prerequisite.

spend more time explaining proofs in lectures as opposed to copying up proofs that are in the notes.  
 very complicated material for a pre-requisite of high school mathematics

Time in Tutorials should be used more efficiently, I think that we should solve some of the questions together rather than look at sample solutions.

- Assure individual feedback
- more tutorials
- ~~more tutorials~~

More direct feedback is definitely required. It may be a function of the class size but tutors would be very helpful for marking work submitted.

More feedback on answers for tutorials -

Increases the tutorial hours? less lecture time (notes online, able to read)  
 probably pick harder theories to explain (maybe through doodle) in lectures

Thank you -

Thank you very much for taking the time to complete this questionnaire. Your response and comments will be fully considered.

Please provide any additional comments you may have about the course or teaching on the course in the box below.

Too many mistakes; homework problems should be checked before assigned, sample solutions should be double-checked, ... maybe consider splitting course so that Maths students are separate from non-maths students. Sometimes hard to ask low-level questions

Too many mistakes made in tutorial problems  
 → due to too much material, assumes the class is at a high level of mathematics  
 → Not enough time writing questions / sample solutions  
 Help with writing proofs could replace ~~most of~~ some material

A slightly smaller load might be nice; or extra tutorial time / lecture time with worked examples.

v. much enjoyed the course despite struggling with it!



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Overall No. of Responses: 5; Overall Response Rate: 100%

Advanced Mathematical Economics (ECNM10085\_17-18\_VV1\_SEM1\_PAPER\_Advanced Mathematical Economics)

Overall indicators

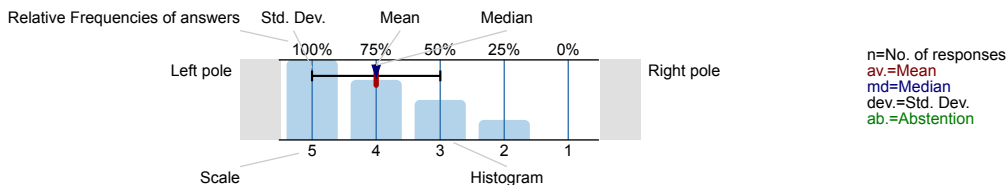
Advanced Mathematical Economics  
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 Dr Andrew Clausen -



Survey Results

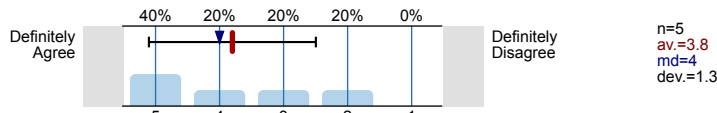
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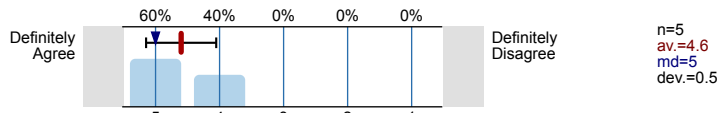


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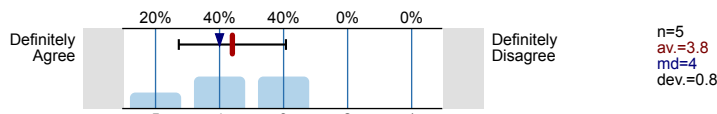
The course was well organised



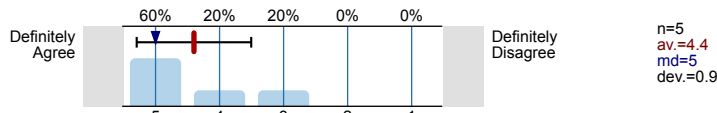
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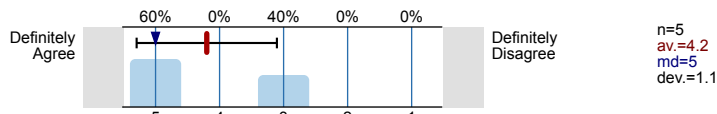
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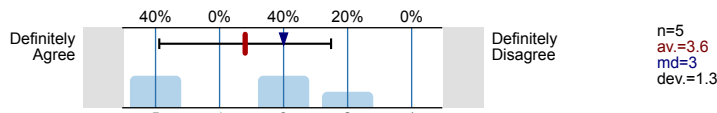
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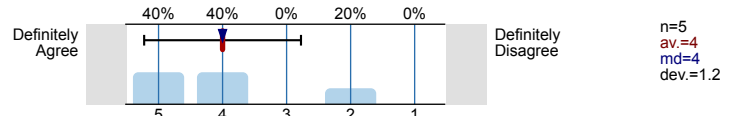


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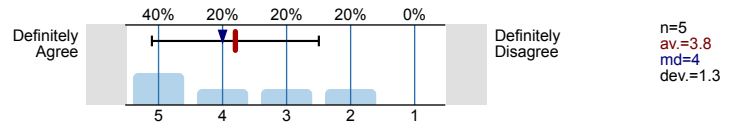


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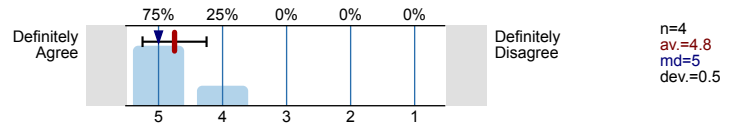
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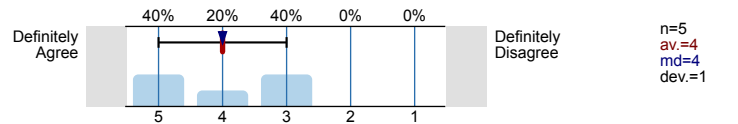
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## Comments Report

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What did you find most valuable about the course?

- \* The course notes and practice questions are very good.
- \* The tutorials are helpful.

useful mathematical tools that ~~could~~ can apply to ~~even~~ further economic studies

Recorded lectures, very useful. Good reading list provided. Aims of course were explicit. All resources well laid out in one place.

Lecture notes were very thorough and well organised. Tutorials were very helpful for teaching proofs.

- I somehow learned how to do proofs
- I got a good basic level about mathematics for my Master (p+o)

What improvements, if any, would you make to the course?

\* more feedback, help from PhD students?

more clear explanatory to courses & material / handouts  
with more examples

Show us exactly what exam will be like early on so we know what we're working towards. More structured plan of what topics we're going to do each week, and on explicit list of what is examinable - that doesn't change half way through <sup>course</sup>.

Would be nice to have smaller tutorial groups. Don't know if this would require another teacher or student tutorials, but it would be good to have more back and forth. Tutorials can feel like a second lecture.

- smaller tutorials
- extra courses which teach how to do proofs at the beginning of the term
- Please do more interact with the students: ask more questions, especially in ~~section~~ exam-section - A questions

Thank you -

Thank you very much for taking the time to complete this questionnaire. Your response and comments will be fully considered.

Please provide any additional comments you may have about the course or teaching on the course in the box below.

*Very impressed with the teaching. Andrew managed to make quite dense and difficult material interesting and clear. Respect*

- Many of the students are really afraid to get a bad mark in this course, because it is very hard, but we liked that you talked a lot about the exam and the marking.
- Please try to explain more & in different ways your solutions: some proofs & solutions are really hard to understand