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Reid, McMahon Thomas Homer ▾

18.330 Introduction to Numerical Analysis

Survey Window: Spring 2016 End of Term | [View Current Catalog Entry](#) | [Print Report](#)

Report Includes Data for:

Students: For credit

Subjects: 18.330 Introduction to Numerical Analysis - Lecture L01

[\(filter data\)](#) ?

Eligible to Respond: 20 ? **Total # of Respondents:** 14 ? **Response rate:** 70% ? **Overall rating of subject:** 6.9 out of 7

Download Set of Individual Student Responses: [PDF](#) [raw data](#)

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INSTRUCTORS

Quality of Teaching

1=Strongly Disagree, 4=Neutral, 7=Strongly Agree, N/A=Not Applicable (7 is best)

1=Very Poor, 7=Excellent, N/A=Not Applicable (7 is best)

NAME	Stimulated interest	Displayed thorough knowledge of subject material	Helped me learn	Overall rating
Reid, McMahon Thomas Homer , Lecturer (LEC)	7.0 (14)	6.8 (14)	6.9 (14)	7.0 (14)

Additional Questions for Math Instructors

1=Strongly Disagree, 7=Strongly Agree (7 is best)

NAME	Presentations were well organized	Instructor encouraged participation	Instructor used good examples
Reid, McMahon Thomas Homer , Lecturer (LEC)	7.0 (14)	6.4 (14)	7.0 (14)

Reid, McMahon Thomas Homer, Lecturer in Lecture L01 - Overall rating: 7.0

Quality of Teaching

Rating Scale: 1=Strongly Disagree, 4=Neutral, 7=Strongly Agree, N/A=Not Applicable (7 is best)

	AVG	1 2 3 4 5 6 7	RESPONSES	MEDIAN	STDEV
Stimulated interest	7.0		14	7.0	0.0
Displayed thorough knowledge of subject material	6.8		14	7.0	0.43
Helped me learn	6.9		14	7.0	0.27

Rating Scale: 1=Very Poor, 7=Excellent, N/A=Not Applicable (7 is best)

	AVG	1 2 3 4 5 6 7	RESPONSES	MEDIAN	STDEV
Overall rating	7.0		14	7.0	0.0

Comments on teaching (strengths, areas for improvement)

[Student 4813](#) - Best professor I've ever had.

[Student 5340](#) - Homer is the best Math instructor I've had so far at MIT. Every lecture builds off the previous very smoothly and he presents the information in a manner that starts with what we know and builds to new concepts. He also doesn't ask his students to answer questions during lectures, which I prefer because after all it's a lecture not a review session. Give this man his professorship.

[Student 34526](#) - Lectures were pretty good overall. I felt that it was actually worth going to lecture every time, unlike some other classes I have taken. I love how this class talked about the relevance of the material (ex: how we talked about the LIGO experiments). My one critique is that sometimes you would repeatedly talk a lot about a small detail that we all understood. Thanks for the class!

[Student 37842](#) - Exceptional teaching

[Student 47941](#) - Amazing lecturer! Homer is the best instructor I have had at MIT. Homer's investment in the class is inspiring and motivating. In addition to having written the curriculum, it is clear that Homer has spent ample time preparing for his lectures. I have never seen an instructor discuss problem set solutions in class or be so flexible in their office hours. Homer's lectures are awesome. You get the feeling that 100% of the class is following his explanations 100% of the time. Homer also bleeds with passion about the subject. He is enthusiastic about the material in such a fresh and real way to an extent that makes you feel like you are missing out by not spending as much time as him thinking about the subject. I also appreciate how Homer ties in relevant current events in his lectures. For example, with the recent LIGO gravitational wave findings, Homer spent over half of an hour explaining the results and how they relate to class the following session. There was also a question pertaining to the findings on that week's problem set. Homer is the most invested, clear, and passionate lecturer I've had at MIT. I'm so glad to have taken this class before graduating!

[Student 49986](#) - I love how you integrate a bunch of random things into the curriculum and how much energy you put into teaching. You always explain things so well and I love how organized your class is.

Additional Questions for Math Instructors

Rating Scale: 1=Strongly Disagree, 7=Strongly Agree (7 is best)

	AVG	1 2 3 4 5 6 7	RESPONSES	MEDIAN	STDEV
Presentations were well organized	7.0		14	7.0	0.0

Instructor encouraged participation	6.4	14	7.0	1.02
Instructor used good examples	7.0	14	7.0	0.0

SUBJECT

SUBJECT

Rating Scale: 1=Strongly Disagree, 4=Neutral, 7=Strongly Agree, N/A=Not Applicable (7 is best)

	AVG	1 2 3 4 5 6 7	RESPONSES	MEDIAN	STDEV
Subject expectations were clearly defined	6.9		13	7.0	0.28
Subject's learning objectives were met	7.0		13	7.0	0.0
Assignments contributed to my learning	6.8		13	7.0	0.55
Grading thus far has been fair	6.8		13	7.0	0.38

Rating Scale: 1=Too Slow, 4=Just Right, 7=Too Fast, N/A=Not Applicable (4 is best)

	AVG	1 2 3 4 5 6 7	RESPONSES	MEDIAN	STDEV
The pace of the class (content and assignments) was:	4.5		13	4.0	0.78

	AVG	RESPONSES	MEDIAN	STDEV
Average hours you spent per week on this subject in the classroom	3.2	13	3.0	0.6
Average hours you spent per week on this subject outside of the classroom	8.2	13	8.0	2.3

Rating Scale: 1=Very Poor, 7=Excellent (7 is best)

	AVG	1 2 3 4 5 6 7	RESPONSES	MEDIAN	STDEV
Overall rating of the subject	6.9		13	7.0	0.28

Comments on the subject (strengths, areas for improvement)

[Student 4813](#) - I loved this class. I have never enjoyed a math class this much. Thank you!

[Student 5340](#) - My only criticism of the class is I think the grading could be at times too lenient. Otherwise, this was my favorite Math class at MIT and this is largely due to Homer's excellent teaching. I felt I was able to learn a great deal and will be able to apply this information in my work going forward.

[Student 7907](#) - take it. not so hard that it'll kill you. hard enough to teach you something useful

[Student 10099](#) - Great class. I wish the instructor can give written answers for practice exam.

[Student 34526](#) - This class is probably the best class I've taken yet, and I pretty much recommend this class whenever I can. Pace varied week to week, and probably too fast in the second half of the course. Psets took a very long time for me, but it was rewarding.

[Student 37842](#) - Great class with excellent lectures, course notes, and p-sets. Numerical analysis is a hard subject to teach in a compelling way, but Homer managed to do so by naturally motivating problems and teaching both theory and applications well. I would definitely take another class taught by Homer, regardless of the subject.

[Student 47941](#) - Great class. Very interesting material presented in a great way.

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