MATHEMATICS UNION

The square root of 9 is 3.

A) True.
B) False.
C) Who cares?

GLASBERGEN
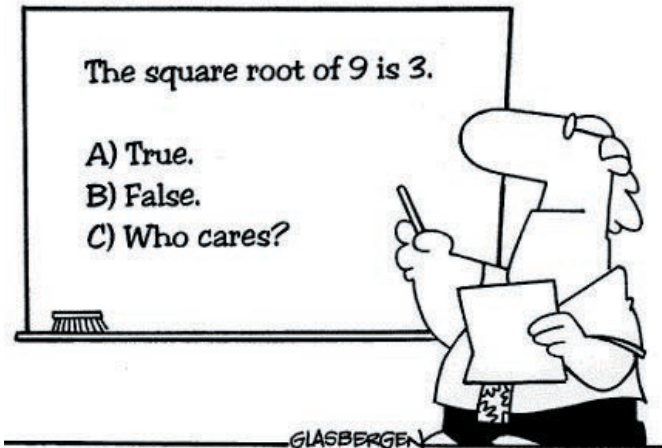
Many students actually look forward to Mr. Atwadder's math tests.

Introduction

The Mathematics Union (MU) represents the interests of, organizes events for, and generally works to improve the experience of all under-graduates enrolled in a program or course offered by the Department of Mathematics.

MU Executive

APM 236H1F Applications of Linear Programming

Instructor(s): P. Kergin

Enr: 73   Resp: 22   Retake: 85%

	1	2	3	4	5	6	7	Mean
Presents	0	0	0	0	23	28	47	6.2
Explains	0	0	0	0	19	38	42	6.2
Communicates	0	0	0	28	14	28	28	5.6
Teaching	0	0	0	0	14	52	33	6.2
Workload	9	14	28	42	4	0	0	3.2
Difficulty	4	14	33	47	0	0	0	3.2
Learn Exp	0	6	12	25	12	25	18	4.9

Overall, students were impressed with the instructor's teaching. Explanations of content were detailed and clear, although some found the pace a little slow.

APM 236H1S Applications of Linear Programming

Instructor(s): S. Homayouni-Boroojeni

Enr: 27   Resp: 16   Retake: 33%

	1	2	3	4	5	6	7	Mean
Presents	0	12	12	31	12	25	6	4.4
Explains	6	6	0	37	25	6	18	4.6
Communicates	0	12	0	25	25	18	18	4.9
Teaching	12	0	12	25	18	12	18	4.5
Workload	0	0	12	43	12	6	25	4.9
Difficulty	0	6	12	25	31	12	12	4.7
Learn Exp	8	16	0	50	8	16	0	3.8

APM 346H1F Partial Differential Equations

Instructor(s): M. Chugunova

Enr: 66   Resp: 38   Retake: 71%

	1	2	3	4	5	6	7	Mean
Presents	2	5	10	15	26	18	21	5.0
Explains	2	2	2	18	24	29	18	5.2
Communicates	0	0	0	2	18	44	34	6.1
Teaching	0	2	2	13	21	37	21	5.5
Workload	0	2	7	47	28	13	0	4.4
Difficulty	0	7	7	55	15	10	2	4.2
Learn Exp	0	5	8	14	32	26	11	5.0

Some students praised the instructor's enthusiasm and willingness to provide extra help in explaining the material. A few students thought that lectures were, at times, a little disorganized.

APM 351Y1Y Partial Differential Equations

Instructor(s): C. Sulem

Enr: 23   Resp: 11   Retake: 100%

	1	2	3	4	5	6	7	Mean
Presents	0	0	0	0	0	45	54	6.5
Explains	0	0	0	0	0	40	60	6.6
Communicates	0	0	0	0	0	36	63	6.6
Teaching	0	0	0	0	0	45	54	6.5
Workload	0	10	0	30	30	10	20	4.9
Difficulty	0	10	0	50	10	30	0	4.5
Learn Exp	0	0	0	0	25	25	50	6.2

Students found Sulem's lecturing to be clear and enthusiastic. The office hours, tutorial sessions, and approachability were very much appreciated.

APM 461H1S Combinatorial Methods

Instructor(s): E. Mendelsohn

Enr: 16   Resp: 7   Retake: 28%

	1	2	3	4	5	6	7	Mean
Presents	14	42	14	14	14	0	0	2.7
Explains	14	28	14	14	28	0	0	3.1
Communicates	0	0	0	14	42	28	0	4.6
Teaching	14	14	28	28	14	0	0	3.1
Workload	0	28	14	42	14	0	0	3.4
Difficulty	0	0	28	28	0	42	0	4.6
Learn Exp	14	28	0	28	0	28	0	3.6

Students felt that the lectures could have been clearer and better orga-nized.

APM 462H1S Nonlinear Optimization

Instructor(s): N. Derzko

Enr: 32   Resp: 22   Retake: 52%

	1	2	3	4	5	6	7	Mean
Presents	0	4	0	36	31	13	13	4.9
Explains	0	0	4	28	42	4	19	5.0
Communicates	0	5	0	15	25	35	20	5.4
Teaching	0	0	0	15	50	15	20	5.4
Workload	0	4	0	57	19	9	9	4.6
Difficulty	0	0	5	70	5	5	15	4.6
Learn Exp	0	0	5	27	50	5	11	4.9

APM 466H1S Mathematical Theory of Finance

Instructor(s): L. Seco

Enr: 17   Resp: 12   Retake: 70%

	1	2	3	4	5	6	7	Mean
Presents	0	0	8	8	25	16	41	5.8
Explains	0	8	0	16	8	25	41	5.7
Communicates	0	0	0	8	16	8	66	6.3
Teaching	0	0	8	8	8	25	50	6.0
Workload	0	0	0	72	9	0	18	4.6
Difficulty	0	0	0	63	18	0	18	4.7
Learn Exp	0	0	0	50	0	25	25	5.2

MAT 123H1S Calculus and Linear Algebra for Commerce (A)

Instructor(s): P. Kergin

Enr: 30   Resp: 11   Retake: 54%

	1	2	3	4	5	6	7	Mean
Presents	9	0	0	27	18	27	18	5.0
Explains	9	0	0	27	36	9	18	4.8
Communicates	9	0	0	18	45	9	18	4.9
Teaching	9	0	0	18	36	9	27	5.1
Workload	0	0	0	54	36	0	9	4.6
Difficulty	0	0	0	72	9	9	9	4.5
Learn Exp	0	0	0	55	11	22	11	4.9

MAT 125H1S Calculus I (A)

Instructor(s): A. Lam

Enr: 48   Resp: 30   Retake: 70%

	1	2	3	4	5	6	7	Mean
Presents	0	0	0	0	3	40	56	6.5
Explains	0	0	0	3	13	20	63	6.4
Communicates	0	0	0	3	3	16	76	6.7
Teaching	0	0	0	0	6	40	53	6.5
Workload	0	6	0	55	17	17	3	4.5
Difficulty	0	0	6	41	24	24	3	4.8
Learn Exp	0	0	0	13	27	36	22	5.7

Lam's enthusiastic lecturing was well appreciated by students, who were especially impressed with the clear explanations and effective examples that were provided.

MAT 133Y1Y Calculus and Linear Algebra for Commerce

Instructor(s): T. Bloom

Enr: 147   Resp: 34   Retake: 64%

	1	2	3	4	5	6	7	Mean
Presents	0	3	3	15	36	27	15	5.3
Explains	0	0	5	8	38	26	20	5.5
Communicates	3	3	9	6	40	28	9	5.0
Teaching	0	0	3	12	33	24	27	5.6
Workload	0	0	2	58	14	8	14	4.7
Difficulty	0	2	5	47	20	11	11	4.7
Learn Exp	3	0	0	53	6	23	13	4.8

Instructor(s): A. Igelfeld

Enr: 63   Resp: 14   Retake: 70%

	1	2	3	4	5	6	7	Mean
Presents	0	15	0	7	15	15	46	5.5
Explains	16	0	0	0	8	41	33	5.4
Communicates	7	7	0	0	23	53	7	5.2
Teaching	16	0	0	0	16	25	41	5.4
Workload	8	0	0	41	33	16	0	4.4
Difficulty	0	8	0	41	8	25	16	4.9
Learn Exp	12	0	0	37	12	25	12	4.6

Instructor(s): J. Tate

Enr: 139   Resp: 91   Retake: 73%

	1	2	3	4	5	6	7	Mean
Presents	0	0	1	0	3	17	78	6.7
Explains	0	0	1	0	1	13	84	6.8
Communicates	1	0	0	1	11	25	61	6.4
Teaching	0	0	1	0	2	21	75	6.7
Workload	1	2	2	32	26	23	12	5.0
Difficulty	1	2	3	43	24	18	6	4.7
Learn Exp	3	1	1	12	32	34	14	5.3

Tate was described as fantastic. The clear lecturing, use of examples and availability for help were appreciated.

Instructor(s): A. Igelfeld

Enr: 168   Resp: 31   Retake: 66%

	1	2	3	4	5	6	7	Mean
Presents	0	3	13	30	23	13	16	4.8
Explains	0	3	10	23	23	16	23	5.4
Communicates	0	3	6	6	30	23	30	5.4
Teaching	0	0	6	13	36	16	26	5.4
Workload	0	3	10	40	26	20	0	4.5
Difficulty	3	3	6	37	17	27	3	4.6
Learn Exp	5	0	0	57	15	15	5	4.5

Instructor(s): P. Kergin

Enr: 88   Resp: 18   Retake: 58%

	1	2	3	4	5	6	7	Mean
Presents	0	5	5	29	17	41	0	4.8
Explains	5	0	16	27	11	33	5	4.6
Communicates	5	5	0	22	44	16	5	4.7
Teaching	0	11	0	22	36	16	11	4.8
Workload	0	0	5	66	16	11	0	4.3
Difficulty	0	0	5	61	16	11	5	4.5
Learn Exp	0	0	7	78	0	14	0	4.2

Instructor(s): J. Tate

Enr: 129   Resp: 56   Retake: 65%

	1	2	3	4	5	6	7	Mean
Presents	0	0	0	0	3	9	87	6.8
Explains	0	0	0	0	5	14	80	6.7
Communicates	0	0	0	5	10	14	69	6.5
Teaching	0	0	0	0	0	25	75	6.8
Workload	0	0	3	60	13	16	5	4.6
Difficulty	0	7	5	39	30	9	7	4.5
Learn Exp	2	5	0	26	11	23	29	5.3

Students were very pleased with the enthusiasm, clear lecturing, and availability for help.

MAT 135Y1Y Calculus I

Instructor(s): M. Czubak

Enr: 48   Resp: 39   Retake: 52%

	1	2	3	4	5	6	7	Mean
Presents	0	0	5	0	20	15	58	6.2
Explains	0	0	0	5	7	33	53	6.4
Communicates	0	0	0	2	12	28	56	6.4
Teaching	0	0	0	7	2	35	53	6.4
Workload	0	0	5	30	25	12	25	5.2
Difficulty	0	0	2	25	23	33	15	5.3
Learn Exp	0	0	6	43	36	3	10	4.7

Students enjoyed the enthusiastic lectures.

Instructor(s): B. McLellan

Enr: 28   Resp: 9   Retake: 33%

	1	2	3	4	5	6	7	Mean
Presents	0	0	0	0	22	33	44	6.2
Explains	0	0	0	0	33	22	44	6.1
Communicates	0	0	0	0	55	11	33	5.8
Teaching	0	0	0	12	25	37	25	5.8
Workload	0	0	0	11	55	22	11	5.3
Difficulty	0	0	0	11	44	44	0	5.3
Learn Exp	0	0	0	42	14	28	14	5.1

Instructor(s): D. Djukic

Enr: 70   Resp: 13   Retake: 61%

	1	2	3	4	5	6	7	Mean
Presents	7	0	7	7	7	30	38	5.5
Explains	7	0	0	15	7	23	46	5.7

	1	2	3	4	5	6	7	Mean
Communicates	0	0	0	23	7	38	30	5.8
Teaching	7	0	0	15	15	23	38	5.5
Workload	0	0	0	46	15	38	0	4.9
Difficulty	0	0	0	23	30	38	7	5.3
Learn Exp	20	0	10	30	30	0	10	3.9

Students were pleased with the instructor's excellent ability to explain concepts and clearly answer students' questions.

Instructor(s): A. del Junco

Enr: 130   Resp: 36   Retake: 40%

	1	2	3	4	5	6	7	Mean
Presents	2	0	11	19	25	25	16	5.1
Explains	2	2	11	11	33	19	19	5.1
Communicates	2	5	5	19	27	25	13	4.9
Teaching	2	0	2	17	25	25	25	5.4
Workload	0	0	5	27	47	8	11	4.9
Difficulty	0	0	0	11	44	33	11	5.4
Learn Exp	3	3	3	59	7	11	11	4.4

Instructor(s): X. Zou

Enr: 80   Resp: 25   Retake: 41%

	1	2	3	4	5	6	7	Mean
Presents	0	0	0	8	40	36	16	5.6
Explains	0	0	4	4	40	24	28	5.7
Communicates	0	0	4	24	24	20	28	5.4
Teaching	0	0	8	12	44	16	20	5.3
Workload	0	4	4	24	40	24	4	4.9
Difficulty	0	4	0	24	28	40	4	5.1
Learn Exp	0	0	10	40	30	15	5	4.7

Instructor(s): E. LeBlanc

Enr: 46   Resp: 14   Retake: 71%

	1	2	3	4	5	6	7	Mean
Presents	0	0	0	0	7	21	71	6.6
Explains	0	0	0	7	7	28	57	6.4
Communicates	0	0	7	0	7	28	57	6.3
Teaching	0	0	0	7	0	14	78	6.6
Workload	0	0	0	14	21	35	28	5.8
Difficulty	0	0	0	21	14	42	21	5.6
Learn Exp	0	0	7	7	21	57	7	5.5

Students were pleased with the explanations and answers to questions.

Instructor(s): M. Zoghi

Enr: 26   Resp: 17   Retake: 57%

	1	2	3	4	5	6	7	Mean
Presents	0	0	6	0	13	40	40	6.1
Explains	0	6	0	6	20	33	33	5.7
Communicates	6	0	6	0	6	20	60	6.0
Teaching	0	6	0	0	13	26	53	6.1
Workload	0	7	0	35	14	42	0	4.9
Difficulty	0	6	0	13	33	33	13	5.3
Learn Exp	0	0	7	53	7	23	7	4.7

Several students thanked the instructor for his dedication to students, as demonstrated by the extra hours that he volunteered to help outside of class. Lectures were given with much enthusiasm.

Instructor(s): R. Holowinsky

Enr: 46   Resp: 44   Retake: 40%

	1	2	3	4	5	6	7	Mean
Presents	0	0	0	2	13	40	43	6.1
Explains	0	0	4	4	11	36	43	6.1
Communicates	0	0	0	2	13	45	38	6.2
Teaching	0	0	0	2	11	45	40	6.2

	1	2	3	4	5	6	7	Mean
Workload	0	2	0	56	15	20	4	4.7
Difficulty	0	2	2	38	31	22	2	4.8
Learn Exp	2	2	5	52	18	2	15	4.5

Students wrote that they greatly enjoyed the instructor's teaching.

Instructor(s): E. LeBlanc

Enr: 88   Resp: 36   Retake: 63%

	1	2	3	4	5	6	7	Mean
Presents	0	0	4	4	25	20	45	6.0
Explains	0	0	4	4	25	25	41	6.0
Communicates	0	0	0	16	37	25	20	5.5
Teaching	0	0	4	4	12	45	33	6.0
Workload	0	0	0	25	45	16	12	5.2
Difficulty	0	0	0	20	33	33	12	5.4
Learn Exp	5	0	5	33	27	16	11	4.7

Students appreciated the clear lectures and effective answers to questions, as well as the well-organized notes on Blackboard.

Instructor(s): G. Amir

Enr: 102   Resp: 11   Retake: 60%

	1	2	3	4	5	6	7	Mean
Presents	0	9	18	0	36	36	0	4.7
Explains	0	18	9	0	36	36	0	4.6
Communicates	0	9	0	27	27	36	0	4.8
Teaching	0	9	9	18	27	36	0	4.7
Workload	0	0	0	54	36	9	0	4.5
Difficulty	0	0	0	27	54	9	9	5.0
Learn Exp	0	9	27	9	27	27	0	4.4

Some students requested that Amir provide more examples in addition to those in the textbook.

Instructor(s): A. Lam

Enr: 184   Resp: 147   Retake: 72%

	1	2	3	4	5	6	7	Mean
Presents	0	0	0	0	3	15	80	6.8
Explains	0	0	0	0	2	16	80	6.8
Communicates	0	0	0	0	2	10	87	6.8
Teaching	0	0	0	0	4	15	79	6.7
Workload	0	0	2	46	31	13	5	4.7
Difficulty	0	1	1	41	28	18	8	4.9
Learn Exp	0	0	1	24	28	23	21	5.3

Lam's enthusiasm, humour, effective examples and clear notes were very well received by students. Many students described Lam as "awesome" and thanked him for his great teaching.

Instructor(s): A. Lam

Enr: 176   Resp: 115   Retake: 75%

	1	2	3	4	5	6	7	Mean
Presents	0	0	0	0	0	11	86	6.8
Explains	0	0	0	0	2	18	78	6.7
Communicates	0	0	0	1	0	9	87	6.8
Teaching	0	0	0	0	2	14	82	6.8
Workload	0	2	3	45	23	12	11	4.7
Difficulty	0	0	1	40	28	17	9	4.9
Learn Exp	0	0	3	19	25	24	26	5.5

MAT 137Y1Y Calculus !

Instructor(s): K. Kaveh

Enr: 70   Resp: 11   Retake: 36%

	1	2	3	4	5	6	7	Mean
Presents	0	0	0	0	54	27	18	5.6
Explains	0	0	0	0	36	27	36	6.0
Communicates	0	0	0	0	27	36	36	6.1

	1	2	3	4	5	6	7	Mean
Teaching	0	0	0	18	18	45	18	5.6
Workload	0	0	0	9	54	18	18	5.5
Difficulty	0	0	0	18	27	18	36	5.7
Learn Exp	12	0	12	25	37	12	0	4.1

Instructor(s): S. Uppal

Enr: 77   Resp: 69   Retake: 60%

	1	2	3	4	5	6	7	Mean
Presents	0	0	1	1	7	27	62	6.5
Explains	0	0	1	1	13	27	56	6.4
Communicates	1	0	0	4	22	33	38	6.0
Teaching	0	0	0	2	13	30	53	6.3
Workload	0	0	0	20	24	34	20	5.6
Difficulty	0	0	1	17	20	34	26	5.7
Learn Exp	1	1	5	15	32	20	22	5.3

Students were pleased with Uppal's lecturing and notes. They appreciated that they were given much opportunity to ask questions during lectures.

A few students wrote that tutorials could have been better organized and requested that tests be returned more promptly.

Instructor(s): P. Mondal

Enr: 64   Resp: 17   Retake: 52%

	1	2	3	4	5	6	7	Mean
Presents	0	0	11	47	35	5	0	4.4
Explains	0	0	5	29	52	5	5	4.8
Communicates	0	0	0	41	41	17	0	4.8
Teaching	0	0	11	47	17	17	5	4.6
Workload	0	0	0	11	29	58	0	5.5
Difficulty	0	0	0	18	25	50	6	5.4
Learn Exp	0	0	7	42	35	14	0	4.6

Instructor(s): S. Homayouni-Boroojeni

Enr: 50   Resp: 25   Retake: 41%

	1	2	3	4	5	6	7	Mean
Presents	0	0	4	20	32	28	16	5.3
Explains	0	0	12	8	32	24	24	5.4
Communicates	0	0	0	8	26	34	30	5.9
Teaching	0	0	4	8	45	25	16	5.4
Workload	0	0	4	20	16	25	33	5.6
Difficulty	0	0	4	12	28	24	32	5.7
Learn Exp	0	5	0	31	31	21	10	4.9

Students enjoyed the instructor's enthusiasm and humorous lectures. His use of examples and availability for extra help were appreciated.

Instructor(s): B. Khesin

Enr: 79   Resp: 23   Retake: 60%

	1	2	3	4	5	6	7	Mean
Presents	0	0	4	26	17	43	8	5.3
Explains	0	0	9	13	18	50	9	5.4
Communicates	0	0	8	13	26	17	34	5.6
Teaching	4	0	0	17	30	34	13	5.3
Workload	0	0	0	9	33	28	28	5.8
Difficulty	0	0	0	19	19	42	19	5.6
Learn Exp	6	0	0	40	26	13	13	4.7

Instructor(s): J. Mesaric

Enr: 34   Resp: 12   Retake: 70%

	1	2	3	4	5	6	7	Mean
Presents	0	0	0	0	16	50	33	6.2
Explains	0	0	8	0	0	41	50	6.2
Communicates	0	0	0	16	16	33	33	5.8
Teaching	0	0	0	0	25	33	41	6.2
Workload	0	0	0	27	27	36	9	5.3
Difficulty	0	0	0	36	18	18	27	5.4

	1	2	3	4	5	6	7	Mean
Learn Exp	0	0	0	45	27	9	18	5.0

Instructor(s): B. Lee

Enr: 70   Resp: 32   Retake: 61%

	1	2	3	4	5	6	7	Mean
Presents	0	0	3	13	22	35	22	5.6
Explains	0	0	0	12	28	28	31	5.8
Communicates	0	0	3	3	28	25	40	6.0
Teaching	0	0	0	6	20	30	43	6.1
Workload	0	0	0	9	19	41	29	5.9
Difficulty	0	0	0	6	29	38	25	5.8
Learn Exp	7	0	11	11	51	7	11	4.7

Lee gave clear and captivating lectures with good explanations of solutions. The workload was rather high. A number of students requested that the tests should have better reflected the assignments and suggested problems.

MAT 157Y1Y Analysis I

Instructor(s): R. Rotman

Enr: 69   Resp: 31   Retake: 78%

	1	2	3	4	5	6	7	Mean
Presents	6	3	6	20	23	30	10	4.8
Explains	10	3	6	20	27	20	10	4.6
Communicates	6	6	0	16	33	23	13	4.9
Teaching	3	10	3	10	26	33	13	5.0
Workload	3	0	20	37	20	10	6	4.3
Difficulty	0	0	16	16	20	20	26	5.2
Learn Exp	8	4	8	24	24	8	24	4.7

A number of students commented that a strong background in mathematics was very useful for taking the course.

MAT 223H1F Linear Algebra I

Instructor(s): F. Ziltener

Enr: 100   Resp: 15   Retake: 28%

	1	2	3	4	5	6	7	Mean
Presents	0	6	13	33	26	20	0	4.4
Explains	0	6	26	20	26	20	0	4.5
Communicates	0	6	6	0	26	46	13	5.4
Teaching	0	6	13	26	20	26	6	4.7
Workload	0	0	13	40	20	6	20	4.8
Difficulty	6	0	0	20	26	40	6	5.1
Learn Exp	0	16	25	25	8	16	8	4.1

Students wanted to see more examples related to the material and complained that more time was needed to cover the amount of material.

Instructor(s): S. Uppal

Enr: 94   Resp: 83   Retake: 64%

	1	2	3	4	5	6	7	Mean
Presents	0	0	0	2	11	38	48	6.3
Explains	0	0	0	1	18	35	44	6.2
Communicates	0	3	0	5	21	36	32	5.9
Teaching	0	0	0	2	12	32	51	6.3
Workload	2	1	8	43	22	17	3	4.5
Difficulty	1	0	8	35	31	15	8	4.8
Learn Exp	0	3	0	33	36	15	11	5.0

Students found the instructor's explanations to be very clear and were impressed with his teaching. Some students would have liked more examples. Several found the tutorials unhelpful and the material difficult.

MAT 223H1S Linear Algebra I

Instructor(s): S. Uppal

Enr: 92 — Resp: 102 — Retake: 66%

	1	2	3	4	5	6	7	Mean
Presents	1	0	1	1	13	35	47	6.2
Explains	1	0	1	6	15	32	43	6.1
Communicates	2	0	3	6	23	25	39	5.8
Teaching	0	1	0	2	12	39	44	6.2
Workload	0	3	9	43	21	16	6	4.6
Difficulty	0	0	7	27	33	24	7	5.0
Learn Exp	0	1	5	40	20	18	14	4.9

Uppal gave organized and "exceptionally clear" lectures. Some students lamented that it was hard to get a seat in the classroom.

Instructor(s): S. Kudla

Enr: 100 — Resp: 14 — Retake: 53%

	1	2	3	4	5	6	7	Mean
Presents	0	7	7	21	7	28	28	5.3
Explains	0	7	0	21	0	35	35	5.6
Communicates	0	0	0	7	15	30	46	6.2
Teaching	0	0	0	15	7	38	38	6.0
Workload	0	7	0	50	28	7	7	4.5
Difficulty	0	7	0	28	28	21	14	5.0
Learn Exp	0	0	10	30	30	10	20	5.0

MAT 224H1F Linear Algebra II

Instructor(s): S. Uppal

Enr: 51 — Resp: 26 — Retake: 58%

	1	2	3	4	5	6	7	Mean
Presents	0	0	3	3	15	38	38	6.0
Explains	3	0	0	26	11	26	30	5.5
Communicates	3	0	3	7	26	38	19	5.5
Teaching	0	0	0	7	15	42	34	6.0
Workload	0	3	3	30	38	23	0	4.7
Difficulty	0	3	3	19	38	19	15	5.1
Learn Exp	0	0	5	26	31	31	5	5.1

Most students found Uppal to have been very good. More examples to clarify the theory and help with solving the homework was suggested. Students liked the lectures and found them well organized but did not like the textbook.

MAT 224H1S Linear Algebra II

Instructor(s): D. Raghavan

Enr: 12 — Resp: 5 — Retake: 66%

	1	2	3	4	5	6	7	Mean
Presents	0	0	0	20	40	20	20	5.4
Explains	0	0	20	20	20	20	20	5.0
Communicates	0	0	20	0	40	20	20	5.2
Teaching	0	0	0	20	40	20	20	5.4
Workload	0	0	0	100	0	0	0	4.0
Difficulty	0	0	0	60	20	20	0	4.6
Learn Exp	0	0	0	0	0	100	0	6.0

Instructor(s): K. Kaveh

Enr: 55 — Resp: 14 — Retake: 53%

	1	2	3	4	5	6	7	Mean
Presents	0	7	0	14	50	21	7	5.0
Explains	0	7	0	21	35	14	21	5.1
Communicates	0	0	0	0	30	30	38	6.1
Teaching	0	0	7	7	50	14	21	5.4
Workload	0	7	14	42	21	14	0	4.2
Difficulty	0	0	0	42	28	14	14	5.0
Learn Exp	0	0	30	30	30	10	0	4.2

Instructor(s): S. Uppal

Enr: 100 — Resp: 60 — Retake: 66%

	1	2	3	4	5	6	7	Mean
Presents	0	0	0	5	13	32	48	6.2
Explains	0	0	3	3	23	35	33	5.9
Communicates	0	1	1	11	15	45	23	5.7
Teaching	0	0	1	1	25	27	44	6.1
Workload	0	3	10	37	20	22	6	4.7
Difficulty	1	1	6	27	23	23	15	5.0
Learn Exp	0	2	9	23	21	9	42	4.8

Material was presented in a clear, well-organized manner with a good amount of enthusiasm.

MAT 235Y1Y Calculus II

Instructor(s): Y. Sakellaridis

Enr: 58 — Resp: 28 — Retake: 84%

	1	2	3	4	5	6	7	Mean
Presents	0	0	0	0	21	35	42	6.2
Explains	0	0	0	3	10	35	50	6.3
Communicates	0	0	0	0	7	25	67	6.6
Teaching	0	0	0	0	7	50	42	6.4
Workload	0	0	0	53	25	17	3	4.7
Difficulty	0	0	7	44	25	22	0	4.6
Learn Exp	0	0	0	39	17	43	0	5.0

The instructor was enthusiastic and approachable. The examples and practice problems were helpful.

Instructor(s): M. Mazin

Enr: 56 — Resp: 29 — Retake: 65%

	1	2	3	4	5	6	7	Mean
Presents	7	0	3	7	14	35	32	5.6
Explains	6	0	3	10	13	31	34	5.6
Communicates	0	10	3	6	20	27	31	5.4
Teaching	6	0	6	0	17	31	37	5.7
Workload	0	6	3	20	24	17	27	5.2
Difficulty	0	6	3	24	17	34	13	5.1
Learn Exp	0	0	4	9	18	31	36	5.9

MAT 237Y1Y Multivariable Calculus

Instructor(s): R. Stanczak

Enr: 29 — Resp: 25 — Retake: 31%

	1	2	3	4	5	6	7	Mean
Presents	4	0	8	24	40	12	12	4.8
Explains	4	0	4	33	37	8	12	4.8
Communicates	0	8	8	28	24	16	16	4.8
Teaching	0	8	12	24	36	8	12	4.6
Workload	0	4	4	33	20	16	20	5.0
Difficulty	0	0	0	8	12	25	54	6.2
Learn Exp	11	11	17	23	11	17	5	3.9

A few students commented that tutorials would have been helpful

Instructor(s): R. Stanczak

Enr: 66 — Resp: 36 — Retake: 29%

	1	2	3	4	5	6	7	Mean
Presents	0	2	5	33	22	30	5	4.9
Explains	0	2	11	22	27	25	11	4.9
Communicates	2	2	5	30	19	27	11	4.9
Teaching	0	2	8	36	27	16	8	4.7
Workload	0	0	0	16	36	22	25	5.6
Difficulty	0	0	0	5	19	19	55	6.2
Learn Exp	7	0	18	33	18	11	11	4.3

Students were pleased with the lectures but felt that tutorials would have been very helpful. Some were displeased with the textbook.

Instructor(s): A. Ciuperca

Enr: 49　　　　　　Resp: 37　　　　　　Retake: 41%

	1	2	3	4	5	6	7	Mean
Presents	0	0	8	21	29	27	13	5.2
Explains	0	0	5	16	27	32	18	5.4
Communicates	2	0	8	10	24	35	18	5.4
Teaching	0	0	5	18	16	43	16	5.5
Workload	2	0	0	30	27	19	19	5.2
Difficulty	2	0	0	8	23	23	41	5.9
Learn Exp	3	3	6	48	22	9	6	4.4

Students appreciated the clear explanations given in lectures. A number of students found the course and tests very difficult. They felt that tutorials would have helped.

MAT 240H1F Algebra I

Instructor(s): F. Murnaghan

Enr: 85　　　　　　Resp: 43　　　　　　Retake: 82%

	1	2	3	4	5	6	7	Mean
Presents	0	0	4	16	16	38	23	5.6
Explains	0	0	7	14	14	43	19	5.5
Communicates	0	0	7	4	17	34	36	5.9
Teaching	2	2	4	2	21	36	29	5.7
Workload	0	4	4	53	19	7	9	4.5
Difficulty	0	2	0	34	26	17	19	5.1
Learn Exp	0	0	12	16	16	32	22	5.4

The consensus was that Murnaghan was both knowledgeable and attentive to students' questions. One concern that was noted by many was the lack of volume in her lecturing.

MAT 244H1F Introduction to Ordinary Differential Equations

Instructor(s): T. Firsova

Enr: 95　　　　　　Resp: 25　　　　　　Retake: 85%

	1	2	3	4	5	6	7	Mean
Presents	0	4	20	28	24	16	8	4.5
Explains	0	8	24	24	24	16	4	4.3
Communicates	0	0	17	26	17	21	17	5.0
Teaching	0	0	8	37	29	20	4	4.8
Workload	8	0	4	43	21	13	8	4.4
Difficulty	0	8	13	52	21	0	4	4.0
Learn Exp	0	0	15	36	31	15	0	4.5

Students admired Firsova's helpfulness and enthusiasm, but a few found her difficult to understand at times. Several students felt that she assumed too much prior knowledge. Most students seemed to enjoy the course.

MAT 244H1S Introduction to Ordinary Differential Equations

Instructor(s): B. Khesin

Enr: 87　　　　　　Resp: 42　　　　　　Retake: 85%

	1	2	3	4	5	6	7	Mean
Presents	0	0	0	4	21	23	50	6.2
Explains	0	0	0	4	26	28	40	6.0
Communicates	0	0	0	0	30	26	42	6.1
Teaching	0	0	0	2	23	38	35	6.1
Workload	0	2	14	51	19	9	2	4.3
Difficulty	2	2	19	40	16	14	4	4.3
Learn Exp	0	5	2	31	25	20	14	4.9

Students found the lectures to be organized and clear.

MAT 246H1S Concepts in Abstract Mathematics

Instructor(s): C. Groft

Enr: 46　　　　　　Resp: 22　　　　　　Retake: 68%

	1	2	3	4	5	6	7	Mean
Presents	0	4	0	9	42	42	0	5.2

Explains	0	0	0	23	33	42	0	5.2
Communicates	0	0	0	5	40	30	25	5.8
Teaching	0	0	0	5	30	45	20	5.8
Workload	0	0	5	50	35	10	0	4.5
Difficulty	0	0	0	45	45	10	0	4.7
Learn Exp	0	9	0	27	45	18	0	4.6

MAT 247H1S Algebra II

Instructor(s): F. Murnaghan

Enr: 53　　　　　　Resp: 31　　　　　　Retake: 82%

	1	2	3	4	5	6	7	Mean
Presents	0	0	3	6	12	54	22	5.9
Explains	3	9	0	3	16	45	22	5.5
Communicates	3	0	0	6	29	22	38	5.8
Teaching	0	0	3	3	30	46	16	5.7
Workload	0	0	3	29	32	16	19	5.2
Difficulty	0	0	0	20	33	20	26	5.5
Learn Exp	4	0	4	20	16	32	24	5.4

Students found the instructor to be clear, enthusiastic and approachable.

MAT 267H1F Advanced Ordinary Differential Equations

Instructor(s): S. Homayouni-Boroojeni

Enr: 37　　　　　　Resp: 34　　　　　　Retake: 61%

	1	2	3	4	5	6	7	Mean
Presents	0	9	12	18	28	18	12	4.7
Explains	3	3	12	9	33	21	18	5.0
Communicates	2	2	0	2	17	38	35	5.9
Teaching	3	6	12	18	24	21	15	4.8
Workload	0	6	6	42	24	15	6	4.5
Difficulty	0	6	15	39	18	6	15	4.5
Learn Exp	0	11	18	18	18	29	3	4.5

Most agreed that the instructor was very enthusiastic and even funny in lectures. With that said, many students wanted a more theoretical approach to the material since the course is a core course for the Specialist stream. Students also wanted more time for tests and less focus on computational problems.

MAT 301H1F Groups and Symmetries

Instructor(s): M. Lorimer

Enr: 22　　　　　　Resp: 11　　　　　　Retake: 70%

	1	2	3	4	5	6	7	Mean
Presents	0	0	0	0	36	27	36	6.0
Explains	0	0	0	9	18	45	27	5.9
Communicates	0	0	0	9	9	45	36	6.1
Teaching	0	0	0	0	18	27	54	6.4
Workload	0	0	9	36	27	18	9	4.8
Difficulty	0	0	9	45	18	9	18	4.8
Learn Exp	0	0	0	50	33	0	16	4.8

Students liked Lorimer and found him very knowledgeable and approachable. Some suggested a change of the textbook and more examples.

MAT 301H1S Groups and Symmetries

Instructor(s): M. Lorimer

Enr: 40　　　　　　Resp: 26　　　　　　Retake: 63%

	1	2	3	4	5	6	7	Mean
Presents	0	0	3	11	15	38	30	5.8
Explains	0	4	4	12	36	28	16	5.3
Communicates	0	0	3	0	23	38	34	6.0
Teaching	0	0	3	7	15	50	23	5.8
Workload	0	4	4	64	16	8	4	4.3
Difficulty	0	0	7	53	26	7	3	4.5
Learn Exp	0	5	5	31	36	10	10	4.7

Students enjoyed the organized and rigorous lectures.

MAT 309H1F Introduction to Mathematical Logic

Instructor(s): S. Homayouni-Boroojeni

Enr: 27 Resp: 18 Retake: 62%

	1	2	3	4	5	6	7	Mean
Presents	0	0	11	27	22	16	22	5.1
Explains	0	5	5	5	38	27	16	5.3
Communicates	0	0	0	0	16	44	38	6.2
Teaching	0	0	0	18	18	31	31	5.8
Workload	0	5	0	77	11	5	0	4.1
Difficulty	0	0	5	33	38	22	0	4.8
Learn Exp	0	6	0	46	13	26	6	4.7

Overall, students were pleased with the instructor. Some suggested the use of clearer examples.

MAT 327H1F Introduction to Topology

Instructor(s): S. Arkhipov

Enr: 51 Resp: 25 Retake: 90%

	1	2	3	4	5	6	7	Mean
Presents	0	0	4	16	16	28	36	5.8
Explains	0	0	0	16	28	8	48	5.9
Communicates	0	0	0	0	16	20	64	6.5
Teaching	0	0	0	4	32	12	52	6.1
Workload	0	0	0	29	37	25	8	5.1
Difficulty	0	0	0	20	41	25	12	5.3
Learn Exp	0	0	0	17	11	23	47	6.0

Most students praised Arkhipov as an instructor. Students particularly benefitted from the diagrams he used to explain certain concepts. Some students felt that the test material could have been more clearly defined.

MAT 334H1F Complex Variables

Instructor(s): M. Shub

Enr: 21 Resp: 10 Retake: 50%

	1	2	3	4	5	6	7	Mean
Presents	12	25	37	12	12	0	0	2.9
Explains	0	20	20	30	20	10	0	3.8
Communicates	0	0	0	30	40	30	0	5.0
Teaching	0	10	30	10	40	10	0	4.1
Workload	0	0	0	50	40	10	0	4.6
Difficulty	0	0	0	30	20	40	10	5.3
Learn Exp	0	0	10	60	0	30	0	4.5

Instructor(s): S. Uppal

Enr: 52 Resp: 32 Retake: 56%

	1	2	3	4	5	6	7	Mean
Presents	0	0	0	6	12	25	56	6.3
Explains	0	0	3	9	15	40	31	5.9
Communicates	0	0	0	15	25	46	12	5.6
Teaching	0	0	3	6	16	38	35	6.0
Workload	0	3	3	46	20	20	6	4.7
Difficulty	0	3	0	46	30	13	6	4.7
Learn Exp	0	0	5	52	5	26	10	4.8

Uppal was generally applauded for his organization and delivery of the lectures. There were many students who felt that the textbook was not suited for the material and difficult to learn from. A few students expressed that they could have benefitted more from the course if the instructor was more approachable to answer questions.

Many students wished the TA marked more questions on the assignments so that they received adequate feedback.

MAT 334H1S Complex Variables

Instructor(s): H. Hakobyan

Enr: 46 Resp: 31 Retake: 72%

	1	2	3	4	5	6	7	Mean
Presents	0	0	0	9	32	25	32	5.8
Explains	0	0	0	6	22	32	38	6.0
Communicates	0	0	0	6	19	38	35	6.0
Teaching	0	0	0	3	22	38	35	6.1
Workload	0	6	10	56	16	6	3	4.2
Difficulty	3	3	10	53	20	3	6	4.2
Learn Exp	0	0	5	20	15	25	35	5.7

Students found the lectures very clear.

MAT 335H1F Chaos, Fractals and Dynamics

Instructor(s): H. Hakobyan

Enr: 33 Resp: 23 Retake: 77%

	1	2	3	4	5	6	7	Mean
Presents	0	0	0	9	40	27	22	5.6
Explains	0	0	8	8	30	39	13	5.4
Communicates	0	0	0	13	34	26	26	5.7
Teaching	0	0	0	4	30	43	21	5.8
Workload	0	0	4	60	21	8	4	4.5
Difficulty	4	0	13	47	17	13	4	4.3
Learn Exp	0	0	11	41	5	23	17	4.9

MAT 337H1S Introduction to Real Analysis

Instructor(s): A. del Junco

Enr: 52 Resp: 26 Retake: 59%

	1	2	3	4	5	6	7	Mean
Presents	0	0	3	30	30	19	15	5.1
Explains	0	0	7	15	19	30	26	5.5
Communicates	3	3	0	19	19	30	23	5.3
Teaching	0	0	7	7	15	38	30	5.8
Workload	0	0	0	29	50	16	4	5.0
Difficulty	0	0	4	8	37	41	8	5.4
Learn Exp	5	0	0	33	22	33	5	4.9

MAT 347Y1Y Groups, Rings and Fields

Instructor(s): A. Gracia-Saz

Enr: 12 Resp: 13 Retake: 100%

	1	2	3	4	5	6	7	Mean
Presents	0	0	0	0	0	7	92	6.9
Explains	0	0	0	0	0	15	84	6.8
Communicates	0	0	0	0	0	7	92	6.9
Teaching	0	0	0	0	0	15	84	6.8
Workload	0	0	0	23	23	46	7	5.4
Difficulty	0	0	0	15	30	30	23	5.6
Learn Exp	0	0	0	0	0	20	80	6.8

A number of students commented that the instructor was the best to have very taught them. Although the material was challenging, the inspiring lectures made students feel it was worth the effort.

MAT 354H1F Complex Analysis I

Instructor(s): A. del Junco

Enr: 30 Resp: 20 Retake: 94%

	1	2	3	4	5	6	7	Mean
Presents	0	5	5	26	15	31	15	5.1
Explains	0	0	0	5	31	36	26	5.8
Communicates	0	0	0	15	31	36	15	5.5
Teaching	0	0	5	0	26	47	21	5.8
Workload	0	0	0	55	35	10	0	4.6
Difficulty	0	0	0	15	60	20	5	5.2
Learn Exp	0	0	0	13	20	33	33	5.9

Overall, students found the lectures very interesting and the instructor's

style of teaching clear and relaxed. The textbook was considered difficult to read and not very helpful. Some commented that the tests did not reflect completely the material covered in class.

MAT 357H1S Real Analysis I

Instructor(s): R. Jerrard

Enr: 48   Resp: 20   Retake: 94%

	1	2	3	4	5	6	7	Mean
Presents	0	5	5	0	40	35	15	5.4
Explains	0	0	0	5	50	25	20	5.6
Communicates	0	0	0	0	30	35	35	6.1
Teaching	0	0	0	0	20	50	30	6.1
Workload	0	0	0	47	26	15	10	4.9
Difficulty	0	0	0	26	21	31	21	5.5
Learn Exp	0	0	0	13	33	26	26	5.7

MAT 390H1F History of Mathematics up to 1700

Instructor(s): C. Fraser

Enr: 38   Resp: 38   Retake: 66%

	1	2	3	4	5	6	7	Mean
Presents	0	0	5	10	36	34	13	5.4
Explains	0	0	5	15	31	39	7	5.3
Communicates	0	2	0	10	35	29	21	5.5
Teaching	2	0	0	7	34	39	15	5.5
Workload	0	5	10	57	15	10	0	4.2
Difficulty	2	2	7	57	18	10	0	4.2
Learn Exp	0	0	7	28	42	7	14	4.9

Students described the instructor as enthusiastic, approachable and patient. Readings were tedious and while the lectures were interesting, a Power Point presentation or lecture notes posted online would have been useful. Students felt more examples and review questions should have been offered prior to the tests and exams.

MAT 402H1S Classical Geometries

Instructor(s): A. Khovanskii

Enr: 38   Resp: 25   Retake: 66%

	1	2	3	4	5	6	7	Mean
Presents	4	4	25	16	20	16	12	4.5
Explains	0	4	13	21	21	21	17	5.0
Communicates	0	0	0	12	8	25	54	6.2
Teaching	0	8	4	12	20	25	29	5.4
Workload	0	4	12	62	16	4	0	4.4
Difficulty	0	4	8	37	25	25	0	4.6
Learn Exp	0	0	7	28	7	42	14	5.3

Some students felt that lectures could have been better organized, while others were pleased with the instructor's enthusiasm.

MAT 409H1F Set Theory

Instructor(s): W. Weiss

Enr: 7   Resp: 7   Retake: 100%

	1	2	3	4	5	6	7	Mean
Presents	0	0	0	0	42	28	28	5.9
Explains	0	0	0	0	0	57	42	6.4
Communicates	0	0	0	0	0	28	71	6.7
Teaching	0	0	0	0	0	42	57	6.6
Workload	0	0	16	16	50	16	0	4.7
Difficulty	0	0	0	66	33	0	0	4.3
Learn Exp	0	0	0	20	0	60	20	5.8

MAT 454H1S Complex Analysis II

Instructor(s): C. Pugh

Enr: 11   Resp: 19   Retake: 76%

	1	2	3	4	5	6	7	Mean
Presents	0	0	10	15	21	15	36	5.5
Explains	0	0	5	0	26	21	47	6.1
Communicates	0	0	0	5	15	26	52	6.3
Teaching	0	0	0	5	22	22	50	6.2
Workload	0	0	5	42	26	15	10	4.8
Difficulty	0	0	5	57	21	5	10	4.6
Learn Exp	0	0	6	13	20	20	40	5.7

MAT 457Y1Y Real Analysis II

Instructor(s): L. Guth

Enr: 11   Resp: 10   Retake: 100%

	1	2	3	4	5	6	7	Mean
Presents	0	0	0	0	11	22	66	6.6
Explains	0	0	0	0	11	33	55	6.4
Communicates	0	0	0	0	11	22	66	6.6
Teaching	0	0	0	0	22	0	77	6.6
Workload	0	11	33	22	11	11	11	4.1
Difficulty	0	11	22	33	11	11	11	4.2
Learn Exp	0	0	0	0	50	25	25	5.8

Guth worked very hard to ensure that students learned the material. Lectures provided very clear explanations and help was available outside of lectures.

NEW: Tuition payment or fees deferral must be made by Wednesday, August 19th!!

NEW: "Virtual Monday" – Wednesday, November 11th – on this day Monday classes will be held; no regularly scheduled Wednesday classes.