

Course Response
MATH-4720-1
MATH IN MEDICINE & BIOL

Course Evaluation - University Fall 2015
Mark Holmes

Of 35 students enrolled, 19 responded. Response rate = 54%

Overall

	Number Responding/(%age of Respondents)							Avg.	Med.	s.d.
	1	2	3	4	5	N/A	Omit			
Overall, this course was excellent.	0 (0%)	1 (5%)	3 (16%)	8 (42%)	7 (37%)	0	0	4.10	4.19	0.88
Overall, this instructor was excellent.	0 (0%)	0 (0%)	2 (12%)	8 (47%)	7 (41%)	0	2	4.29	4.31	0.69
Key	1 = Strongly Disagree		2 = Disagree		3 = Neutral		4 = Agree		5 = Strongly Agree	

Course (Institute)

	Number Responding/(%age of Respondents)							Avg.	Med.	s.d.
	1	2	3	4	5	N/A	Omit			
The course readings and assignments (including projects, reports, homework) are effective in helping students learn.	0 (0%)	0 (0%)	1 (5%)	9 (47%)	9 (47%)	0	0	4.42	4.44	0.61
The pace of the class is appropriate.	0 (0%)	1 (5%)	1 (5%)	10 (53%)	7 (37%)	0	0	4.21	4.25	0.79
The course helped me learn to apply course material in order to improve thinking, problem solving and decision-making.	0 (0%)	0 (0%)	3 (17%)	7 (39%)	8 (44%)	1	0	4.28	4.36	0.75
The course deepened my understanding of principles and problem solving techniques that are important for my major.	0 (0%)	2 (12%)	0 (0%)	8 (47%)	7 (41%)	2	0	4.18	4.31	0.95
Examinations, presentations, and reviews fairly assessed knowledge of subject material.	1 (5%)	0 (0%)	1 (5%)	9 (47%)	8 (42%)	0	0	4.21	4.33	0.98
This course is significantly more challenging than other Rensselaer courses I have taken.	0 (0%)	3 (16%)	2 (11%)	9 (47%)	5 (26%)	0	0	3.84	4.00	1.02
The course stimulated my interest in the subject.	1 (5%)	2 (11%)	3 (16%)	6 (32%)	7 (37%)	0	0	3.84	4.08	1.21
The course encouraged my taking an active role in my learning.	0 (0%)	1 (5%)	0 (0%)	11 (58%)	7 (37%)	0	0	4.26	4.27	0.73
I have acquired the subject knowledge and skills set forth in the syllabus.	0 (0%)	1 (5%)	0 (0%)	12 (63%)	6 (32%)	0	0	4.21	4.21	0.71
Key	1 = Strongly Disagree		2 = Disagree		3 = Neutral		4 = Agree		5 = Strongly Agree	

Instructor

	Number Responding/(%age of Respondents)							Avg.	Med.	s.d.
	1	2	3	4	5	N/A	Omit			
The instructor is very knowledgeable of the course domain.	0 (0%)	0 (0%)	0 (0%)	2 (11%)	17 (89%)	0	0	4.90	4.94	0.32
The instructor is aware of the student's level of understanding and course difficulties.	1 (5%)	3 (16%)	0 (0%)	8 (42%)	7 (37%)	0	0	3.90	4.19	1.24
The instructor is fair in evaluating student performance.	0 (0%)	1 (5%)	0 (0%)	10 (53%)	8 (42%)	0	0	4.32	4.35	0.75
The instructor is well prepared for class meetings.	0 (0%)	0 (0%)	0 (0%)	7 (37%)	12 (63%)	0	0	4.63	4.71	0.50
The instructor makes effective use of class time.	0 (0%)	0 (0%)	1 (5%)	8 (42%)	10 (53%)	0	0	4.47	4.55	0.61
The instructor provides adequate feedback.	0 (0%)	0 (0%)	4 (21%)	6 (32%)	9 (47%)	0	0	4.26	4.42	0.81
The instructor is clear and understandable.	0 (0%)	0 (0%)	1 (5%)	5 (26%)	13 (68%)	0	0	4.63	4.77	0.60
The instructor is accessible during office hours.	0 (0%)	0 (0%)	2 (13%)	4 (27%)	9 (60%)	4	0	4.47	4.67	0.74
Key	1 = Strongly Disagree		2 = Disagree		3 = Neutral		4 = Agree		5 = Strongly Agree	

General Information

	Number Responding/(%age of Respondents)									
	A	B	C	D	F	P	NC	S	U	Omit
What grade do you expect to obtain?	8 (47%)	6 (35%)	3 (18%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	2
	Yes	No	Omit							

Was this class required for your major?	6 (33%)	12 (67%)	1
	Yes	No	Omit
Was this class a graduation requirement?	8 (44%)	10 (56%)	1

Additional Feedback

Additional Feedback	#	Responses
	1	The third part of the course was much more challenging to the students (not due to the course material, but because of the way it was taught). the pace significantly increased while the teaching level dropped making it very difficult to keep up and understand.
	2	Excellent instructor, excellent class. I wish Dr. Holmes taught another class in the spring.
	3	The last third of the material covered was not difficult because of the material covered, it was difficult because of how it was (or actually wasn't) taught. There were no explanations of how to actually solve problems, nothing was explained, and it felt like a significant drop off in teaching ability compared to the previous two sections of the course. My grade (As on the first two tests) will almost certainly suffer as a result, which is unfair to the students, because the last material could not be taught adequately.
	4	Brilliant professor.
	5	I loved the audio/visual illustrations used. Also, excellent course organisation. The instructor transitioned my learning from the easiest topics to the toughest ones smoothly. Also, he gave prompt and fair feedback.
	6	Professor tends to ramble and explains things at a higher level than is readily understood by students seeing them for the first time Method of grading is very fair (40% homework, 60% exams) and number of assignments is very reasonable
	7	I didn't know what to expect in this class, particularly since I'm not usually very interested in biology-related fields. However, I genuinely enjoyed this class and it helped me become more interested in biology and how math can predict things in nature.