

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

Course Evaluation - University fall 2013
Mark Holmes

Of 38 students enrolled, 24 responded. Response rate = 63%

Overall

	Number Responding/(%age of Respondents)							Avg.	Med.	s.d.
	1	2	3	4	5	N/A	Omit			
Overall, this course was excellent.	1 (4%)	2 (9%)	2 (9%)	11 (48%)	7 (30%)	0	1	3.91	4.09	1.08
Overall, this instructor was excellent.	0 (0%)	1 (4%)	1 (4%)	10 (43%)	11 (48%)	0	1	4.35	4.45	0.78
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.	2 (9%)	0 (0%)	2 (9%)	10 (43%)	9 (39%)	0	1	4.04	4.25	1.15
The pace of the class is appropriate.	1 (4%)	2 (9%)	2 (9%)	8 (35%)	10 (43%)	0	1	4.04	4.31	1.15
The course helped me learn to apply course material in order to improve thinking, problem solving and decision-making.	2 (9%)	1 (4%)	1 (4%)	9 (39%)	10 (43%)	0	1	4.04	4.33	1.22
The course deepened my understanding of principles and problem solving techniques that are important for my major.	1 (5%)	2 (9%)	2 (9%)	7 (32%)	10 (45%)	0	2	4.04	4.36	1.17
Examinations, presentations, and reviews fairly assessed knowledge of subject material.	1 (4%)	1 (4%)	1 (4%)	10 (43%)	10 (43%)	0	1	4.17	4.35	1.03
This course is significantly more challenging than other Rensselaer courses I have taken.	0 (0%)	5 (22%)	6 (26%)	7 (30%)	5 (22%)	0	1	3.52	3.57	1.08
The course stimulated my interest in the subject.	2 (9%)	2 (9%)	2 (9%)	10 (43%)	7 (30%)	0	1	3.78	4.05	1.24
The course encouraged my taking an active role in my learning.	2 (9%)	1 (4%)	0 (0%)	11 (48%)	9 (39%)	0	1	4.04	4.27	1.19
I have acquired the subject knowledge and skills set forth in the syllabus.	1 (5%)	2 (9%)	1 (5%)	11 (50%)	7 (32%)	0	2	3.96	4.14	1.09
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 (9%)	21 (91%)	0	1	4.91	4.95	0.29
The instructor is aware of the student's level of understanding and course difficulties.	0 (0%)	3 (13%)	2 (9%)	6 (26%)	12 (52%)	0	1	4.17	4.54	1.07
The instructor is fair in evaluating student performance.	0 (0%)	2 (9%)	2 (9%)	10 (43%)	9 (39%)	0	1	4.13	4.25	0.92
The instructor is well prepared for class meetings.	0 (0%)	1 (4%)	1 (4%)	4 (17%)	17 (74%)	0	1	4.61	4.82	0.78
The instructor makes effective use of class time.	0 (0%)	1 (5%)	1 (5%)	4 (18%)	16 (73%)	0	2	4.59	4.81	0.80
The instructor provides adequate feedback.	0 (0%)	0 (0%)	5 (22%)	6 (26%)	12 (52%)	0	1	4.30	4.54	0.82
The instructor is clear and understandable.	0 (0%)	1 (4%)	1 (4%)	5 (22%)	16 (70%)	0	1	4.56	4.78	0.79
The instructor is accessible during office hours.	0 (0%)	0 (0%)	2 (10%)	6 (29%)	13 (62%)	1	2	4.52	4.69	0.68
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?	12 (52%)	7 (30%)	1 (4%)	1 (4%)	0 (0%)	2 (9%)	0 (0%)	0 (0%)	0 (0%)	1
	Yes	No	Omit							

Was this class required for your major?	8 (35%)	15 (65%)	1
	Yes	No	Omit
Was this class a graduation requirement?	12 (52%)	11 (48%)	1

Additional Feedback

Additional Feedback	#	Responses
	1	Very thorough professor. Ensures that class understands material, which is very helpful. Course name is a little deceiving. Should be called Mathematical Models in Biology, didn't really do anything with the medical field. As a BME, I may not directly use the models we learned, but it was a great refresher of differential equations.
	2	I really enjoyed this class even though I struggled with the last exam. It gave me a better understanding of mathematical modeling that I did not have from my other classes. I think the skill will be very useful.
	3	Taking differential equations before this course probably would have helped in understanding some of the concepts.
	4	Great class, no complaints
	5	I wish Holmes taught more upper level math classes. He is a great resource. The class material itself is basically differential equations. I took it because Holmes taught it.
	6	Professor Holmes is extremely knowledgeable of the subject matter. He doesn't even need to use notes as he lectures for the class. This class was not required for my major, but I am very glad I had the chance to take it and broaden my understanding of modelling in biology.
	7	Professor Holmes was fantastic in teaching this class. It is easy to see how this material is important and can be applied to my research and the class as a whole got me very excited on the subject. The professor was always available to answer questions and took his time to make sure students were understanding the subject. The TA was spectacular as well. This is one of the best classes I have taken.