

Course Response
CSCI-4800-1
NUMERICAL COMPUTING

Course Evaluation - University Fall 2019
Mark Holmes
Professor

Of 10 students enrolled, 5 responded. Response rate = 50%

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%)	0 (0%)	0 (0%)	5 (100%)	0	0	5.00	5.00	0.00
The pace of the class is appropriate.	0 (0%)	0 (0%)	0 (0%)	0 (0%)	5 (100%)	0	0	5.00	5.00	0.00
The course helped me learn to apply course material in order to improve thinking, problem solving and decision-making.	0 (0%)	0 (0%)	0 (0%)	0 (0%)	5 (100%)	0	0	5.00	5.00	0.00
The course deepened my understanding of principles and problem solving techniques that are important for my major.	0 (0%)	0 (0%)	0 (0%)	0 (0%)	5 (100%)	0	0	5.00	5.00	0.00
Examinations, presentations, and reviews fairly assessed knowledge of subject material.	0 (0%)	0 (0%)	0 (0%)	0 (0%)	5 (100%)	0	0	5.00	5.00	0.00
This course is significantly more challenging than other Rensselaer courses I have taken.	0 (0%)	0 (0%)	1 (20%)	2 (40%)	2 (40%)	0	0	4.20	4.25	0.84
The course stimulated my interest in the subject.	0 (0%)	0 (0%)	0 (0%)	0 (0%)	5 (100%)	0	0	5.00	5.00	0.00
The course encouraged my taking an active role in my learning.	0 (0%)	0 (0%)	0 (0%)	0 (0%)	5 (100%)	0	0	5.00	5.00	0.00
I have acquired the subject knowledge and skills set forth in the syllabus.	0 (0%)	0 (0%)	0 (0%)	0 (0%)	5 (100%)	0	0	5.00	5.00	0.00
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			
Overall, is excellent.	0 (0%)	0 (0%)	0 (0%)	0 (0%)	5 (100%)	0	0	5.00	5.00	0.00
Is very knowledgeable of the course domain.	0 (0%)	0 (0%)	0 (0%)	0 (0%)	5 (100%)	0	0	5.00	5.00	0.00
Is aware of the student's level of understanding and course difficulties.	0 (0%)	0 (0%)	0 (0%)	0 (0%)	5 (100%)	0	0	5.00	5.00	0.00
Is fair in evaluating student performance.	0 (0%)	0 (0%)	0 (0%)	0 (0%)	5 (100%)	0	0	5.00	5.00	0.00
Is well prepared for class meetings.	0 (0%)	0 (0%)	0 (0%)	0 (0%)	5 (100%)	0	0	5.00	5.00	0.00
Makes effective use of class time.	0 (0%)	0 (0%)	0 (0%)	0 (0%)	5 (100%)	0	0	5.00	5.00	0.00
Provides adequate feedback.	0 (0%)	0 (0%)	0 (0%)	0 (0%)	5 (100%)	0	0	5.00	5.00	0.00
Is clear and understandable.	0 (0%)	0 (0%)	0 (0%)	0 (0%)	5 (100%)	0	0	5.00	5.00	0.00
Is accessible during office hours.	0 (0%)	0 (0%)	0 (0%)	0 (0%)	5 (100%)	0	0	5.00	5.00	0.00
Key	1 = Strongly Disagree		2 = Disagree		3 = Neutral		4 = Agree		5 = Strongly Agree	

Overall Information	Number Responding/(%age of Respondents)									
	A	B	C	D	F	P	NC	S	U	Omit
What grade do you expect to obtain?	5 (100%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0
Was this class required for your major?	Yes	No	Omit							
	3 (60%)	2 (40%)	0							
Was this class a graduation requirement?	Yes	No	Omit							
	3 (60%)	2 (40%)	0							

	Number Responding/(%age of Respondents)									
	1	2	3	4	5	N/A	Omit	Avg.	Med.	s.d.
Overall, this course was excellent.	0 (0%)	0 (0%)	0 (0%)	0 (0%)	5 (100%)	0	0	5.00	5.00	0.00
Key	1 = Strongly Disagree		2 = Disagree		3 = Neutral		4 = Agree		5 = Strongly Agree	

Instructor-Added

	Number Responding/(%age of Respondents)		
	Profess or	TA	Omit
Instructor Type	5 (100%)	0 (0%)	0

Additional Feedback

	#	Responses
Additional Feedback	1	One of the best classes I have taken. Awesome
	2	Embarrassingly, I came into this course not knowing much about what it was about, but I was eager to get it under my belt to make a big step toward finishing my degree. Little did I know that it would become one of my favorite courses that I have taken at RPI. Dr. Holmes is a great professor, and I love his style of teaching. He (and his book) are very conversational, and this quality compelled me to pay attention and do well in the course. The homeworks were a bit difficult at times, but they prepared me adequately for the exams. I would like to thank Dr. Holmes for his dedication to the class, and I hope to take another course with him in the future.

Course Response
MATH-4800-1
NUMERICAL COMPUTING

Course Evaluation - University Fall 2019
Mark Holmes
Professor

Of 52 students enrolled, 21 responded. Response rate = 40%

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%)	1 (5%)	2 (10%)	6 (29%)	12 (57%)	0	0	4.38	4.62	0.86
The pace of the class is appropriate.	0 (0%)	2 (10%)	2 (10%)	5 (24%)	12 (57%)	0	0	4.29	4.62	1.01
The course helped me learn to apply course material in order to improve thinking, problem solving and decision-making.	0 (0%)	1 (5%)	3 (14%)	6 (29%)	11 (52%)	0	0	4.29	4.54	0.90
The course deepened my understanding of principles and problem solving techniques that are important for my major.	0 (0%)	2 (10%)	1 (5%)	8 (38%)	10 (48%)	0	0	4.24	4.44	0.94
Examinations, presentations, and reviews fairly assessed knowledge of subject material.	0 (0%)	1 (5%)	3 (14%)	3 (14%)	14 (67%)	0	0	4.43	4.75	0.93
This course is significantly more challenging than other Rensselaer courses I have taken.	1 (5%)	3 (14%)	4 (19%)	10 (48%)	3 (14%)	0	0	3.52	3.75	1.08
The course stimulated my interest in the subject.	0 (0%)	3 (14%)	5 (24%)	2 (10%)	11 (52%)	0	0	4.00	4.54	1.18
The course encouraged my taking an active role in my learning.	0 (0%)	1 (5%)	2 (10%)	6 (29%)	12 (57%)	0	0	4.38	4.62	0.86
I have acquired the subject knowledge and skills set forth in the syllabus.	0 (0%)	1 (5%)	3 (14%)	5 (24%)	12 (57%)	0	0	4.33	4.62	0.91
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			
Overall, is excellent.	0 (0%)	0 (0%)	1 (5%)	5 (24%)	15 (71%)	0	0	4.67	4.80	0.58
Is very knowledgeable of the course domain.	0 (0%)	0 (0%)	0 (0%)	2 (10%)	19 (90%)	0	0	4.90	4.95	0.30
Is aware of the student's level of understanding and course difficulties.	1 (5%)	0 (0%)	3 (14%)	7 (33%)	10 (48%)	0	0	4.19	4.43	1.03
Is fair in evaluating student performance.	0 (0%)	1 (5%)	2 (10%)	6 (29%)	12 (57%)	0	0	4.38	4.62	0.86
Is well prepared for class meetings.	0 (0%)	0 (0%)	1 (5%)	2 (10%)	18 (86%)	0	0	4.81	4.92	0.51
Makes effective use of class time.	0 (0%)	0 (0%)	1 (5%)	2 (10%)	18 (86%)	0	0	4.81	4.92	0.51
Provides adequate feedback.	0 (0%)	1 (5%)	4 (20%)	3 (15%)	12 (60%)	1	0	4.30	4.67	0.98
Is clear and understandable.	0 (0%)	0 (0%)	0 (0%)	4 (19%)	17 (81%)	0	0	4.81	4.88	0.40
Is accessible during office hours.	0 (0%)	0 (0%)	2 (11%)	0 (0%)	16 (89%)	3	0	4.78	4.94	0.65
Key	1 = Strongly Disagree		2 = Disagree		3 = Neutral		4 = Agree		5 = Strongly Agree	

Overall Information	Number Responding/(%age of Respondents)									
	A	B	C	D	F	P	NC	S	U	Omit
What grade do you expect to obtain?	10 (48%)	7 (33%)	2 (10%)	0 (0%)	0 (0%)	1 (5%)	1 (5%)	0 (0%)	0 (0%)	0
Was this class required for your major?	Yes	No	Omit							
	15 (71%)	6 (29%)	0							
Was this class a graduation requirement?	Yes	No	Omit							
	17 (81%)	4 (19%)	0							

	Number Responding/(%age of Respondents)									
	1	2	3	4	5	N/A	Omit	Avg.	Med.	s.d.
Overall, this course was excellent.	0 (0%)	0 (0%)	4 (19%)	8 (38%)	9 (43%)	0	0	4.24	4.31	0.77
Key	1 = Strongly Disagree		2 = Disagree		3 = Neutral		4 = Agree		5 = Strongly Agree	

Instructor-Added

	Number Responding/(%age of Respondents)		
	Professor	TA	Omit
Instructor Type	21 (100%)	0 (0%)	0

Additional Feedback

	#	Responses
Additional Feedback	1	I liked the course, sometimes I felt that the homework was very difficult for me, but visiting the TA office hours helped a bit. I feel like maybe more detailed examples would be nice especially the topics reviewed for the last exam. I feel like Exam 3 material was the most challenging, with less documentation and material to go over and a bit rushed. I think the MATLAB parts were also very difficult and interesting to see the results but most of the time I got points taken off.
	2	I enjoyed Numerical Computing with Professor Holmes this semester. I liked his teaching style, and the format of the lectures. I found the exams to be very fair, but the homework was graded very harshly. It would have been helpful to know the grading expectations for the homework, especially before the first one. It was unhelpful to receive the first homework back after the second one had already been submitted. The TA of the course was also extremely unhelpful and rude. I would go to her office hours for homework help, and leave very disgruntled and more frustrated with the homework problem. She would say I was doing the problem wrong, but provide no other feedback or help. She was very tough, strict, and not helpful. Professor Holmes explained the concepts very well, and was always willing to answer questions. I really enjoyed his lectures and course!
	3	The TA was disrespectful and dismissive to myself and other classmates during office hours and class. I did not know what to expect from this course coming in, but I'm already applying the material in other classes and personal projects. It's challenging, but I'm glad it's a required course.
	4	One of my favorite professors I've ever had.
	5	The fact that there is no makeup opportunities for HW and no late submissions and none being dropped, is very restrictive when considering the heavy workload from other classes. If this can be relaxed in the future it would help a lot.
	6	Professor Holmes is the only reason I took this class. He is an excellent lecturer. The homeworks are very difficult. Holmes is perhaps one of the most helpful professors at RPI!
	7	TA for course is terrible. Does not respond to questions clearly and responds with one word answers over email, leaving students more confused. Grading does not adequately evaluate student's work (i.e. 80% question done correctly receives 30% - 40% of allowable points).