

Course Response
CSCI-4800-2
NUMERICAL COMPUTING

Course Evaluation - University spring 2013
Mark Holmes

Of 8 students enrolled, 5 responded. Response rate = 62%

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%)	0 (0%)	0 (0%)	3 (60%)	2 (40%)	0	0	4.40	4.33	0.55
Overall, this instructor 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	

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 (20%)	2 (40%)	2 (40%)	0	0	4.20	4.25	0.84
The pace of the class is appropriate.	0 (0%)	0 (0%)	0 (0%)	3 (60%)	2 (40%)	0	0	4.40	4.33	0.55
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%)	3 (60%)	2 (40%)	0	0	4.40	4.33	0.55
The course deepened my understanding of principles and problem solving techniques that are important for my major.	0 (0%)	0 (0%)	0 (0%)	3 (60%)	2 (40%)	0	0	4.40	4.33	0.55
Examinations, presentations, and reviews fairly assessed knowledge of subject material.	0 (0%)	0 (0%)	0 (0%)	2 (40%)	3 (60%)	0	0	4.60	4.67	0.55
This course is significantly more challenging than other Rensselaer courses I have taken.	0 (0%)	0 (0%)	1 (20%)	1 (20%)	3 (60%)	0	0	4.40	4.67	0.89
The course stimulated my interest in the subject.	0 (0%)	0 (0%)	0 (0%)	2 (40%)	3 (60%)	0	0	4.60	4.67	0.55
The course encouraged my taking an active role in my learning.	0 (0%)	0 (0%)	0 (0%)	2 (40%)	3 (60%)	0	0	4.60	4.67	0.55
I have acquired the subject knowledge and skills set forth in the syllabus.	0 (0%)	0 (0%)	0 (0%)	2 (40%)	3 (60%)	0	0	4.60	4.67	0.55
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%)	0 (0%)	5 (100%)	0	0	5.00	5.00	0.00
The instructor is aware of the student's level of understanding and course difficulties.	0 (0%)	0 (0%)	1 (20%)	2 (40%)	2 (40%)	0	0	4.20	4.25	0.84
The instructor is fair in evaluating student performance.	0 (0%)	0 (0%)	0 (0%)	2 (40%)	3 (60%)	0	0	4.60	4.67	0.55
The instructor is well prepared for class meetings.	0 (0%)	0 (0%)	1 (20%)	1 (20%)	3 (60%)	0	0	4.40	4.67	0.89
The instructor makes effective use of class time.	0 (0%)	0 (0%)	0 (0%)	1 (20%)	4 (80%)	0	0	4.80	4.88	0.45
The instructor provides adequate feedback.	0 (0%)	0 (0%)	0 (0%)	2 (40%)	3 (60%)	0	0	4.60	4.67	0.55
The instructor is clear and understandable.	0 (0%)	0 (0%)	0 (0%)	1 (20%)	4 (80%)	0	0	4.80	4.88	0.45
The instructor is accessible during office hours.	0 (0%)	0 (0%)	0 (0%)	0 (0%)	4 (100%)	1	0	5.00	5.00	0.00
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?	2 (40%)	2 (40%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	1 (20%)	0
	Yes	No	Omit							

Was this class required for your major?	3 (60%)	2 (40%)	0
	Yes	No	Omit
Was this class a graduation requirement?	4 (80%)	1 (20%)	0

Additional Feedback

Additional Feedback

#	Responses
1	One of the best instructors I've had. I was honestly surprised by how good he was.
2	Great and extremely intelligent professor teaching a very interesting class.
3	A significant amount of the time on the homework was spent struggling with matlab. If we had been allowed to use Wolfram Mathematica, I could have spent less time on the homework with the same knowledge afterwards. (though there are ways in Mathematica to avoid some of the problems we had talked about and were supposed to deal with)

Course Response
MATH-4800-2
NUMERICAL COMPUTING

Course Evaluation - University spring 2013
Mark Holmes

Of 50 students enrolled, 26 responded. Response rate = 52%

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%)	0 (0%)	6 (23%)	7 (27%)	13 (50%)	0	0	4.27	4.50	0.83
Overall, this instructor was excellent.	0 (0%)	0 (0%)	3 (12%)	6 (23%)	17 (65%)	0	0	4.54	4.74	0.71
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%)	1 (4%)	4 (15%)	7 (27%)	14 (54%)	0	0	4.31	4.57	0.88
The pace of the class is appropriate.	0 (0%)	1 (4%)	3 (12%)	7 (27%)	15 (58%)	0	0	4.38	4.63	0.85
The course helped me learn to apply course material in order to improve thinking, problem solving and decision-making.	0 (0%)	1 (4%)	0 (0%)	9 (35%)	16 (62%)	0	0	4.54	4.69	0.71
The course deepened my understanding of principles and problem solving techniques that are important for my major.	0 (0%)	1 (4%)	1 (4%)	8 (31%)	16 (62%)	0	0	4.50	4.69	0.76
Examinations, presentations, and reviews fairly assessed knowledge of subject material.	0 (0%)	0 (0%)	4 (15%)	8 (31%)	14 (54%)	0	0	4.38	4.57	0.75
This course is significantly more challenging than other Rensselaer courses I have taken.	0 (0%)	1 (4%)	8 (31%)	5 (19%)	12 (46%)	0	0	4.08	4.30	0.98
The course stimulated my interest in the subject.	0 (0%)	1 (4%)	1 (4%)	11 (42%)	13 (50%)	0	0	4.38	4.50	0.75
The course encouraged my taking an active role in my learning.	0 (0%)	1 (4%)	1 (4%)	9 (35%)	15 (58%)	0	0	4.46	4.63	0.76
I have acquired the subject knowledge and skills set forth in the syllabus.	0 (0%)	0 (0%)	1 (4%)	10 (38%)	15 (58%)	0	0	4.54	4.63	0.58
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%)	5 (19%)	21 (81%)	0	0	4.81	4.88	0.40
The instructor is aware of the student's level of understanding and course difficulties.	0 (0%)	2 (8%)	3 (12%)	6 (23%)	15 (58%)	0	0	4.31	4.63	0.97
The instructor is fair in evaluating student performance.	0 (0%)	0 (0%)	3 (12%)	6 (23%)	17 (65%)	0	0	4.54	4.74	0.71
The instructor is well prepared for class meetings.	0 (0%)	0 (0%)	2 (8%)	7 (27%)	17 (65%)	0	0	4.58	4.74	0.64
The instructor makes effective use of class time.	0 (0%)	1 (4%)	0 (0%)	7 (27%)	18 (69%)	0	0	4.62	4.78	0.70
The instructor provides adequate feedback.	0 (0%)	1 (4%)	3 (12%)	5 (19%)	17 (65%)	0	0	4.46	4.74	0.86
The instructor is clear and understandable.	0 (0%)	0 (0%)	1 (4%)	7 (27%)	18 (69%)	0	0	4.65	4.78	0.56
The instructor is accessible during office hours.	0 (0%)	0 (0%)	2 (9%)	6 (26%)	15 (65%)	3	0	4.56	4.73	0.66
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?	17 (65%)	7 (27%)	0 (0%)	1 (4%)	0 (0%)	1 (4%)	0 (0%)	0 (0%)	0 (0%)	0
	Yes	No	Omit							

Was this class required for your major?	20 (77%)	6 (23%)	0
	Yes	No	Omit
Was this class a graduation requirement?	17 (65%)	9 (35%)	0

Additional Feedback

	#	Responses
Additional Feedback	1	Would be helpful if there were more example problems, or if had longer to do the hw
	2	I am an aero major, so with that being said, I found this class catered to the math majors. I find that there was a lot of math fluff, proofs, and far too much abstract ideas and theories that caused me to lose sight of the big picture (according to my major). I felt I had to search very hard through all of the material to see the practical use. I do not appreciate the "art" of mathematics, I appreciate it as a tool. To me, a tool is a tool, and id rather learn how to use it as best I can. I think this class should be split up, and that is not Dr. Holmes fault. The aero's should have our own class. I do see the effectiveness of the class however I think more material could be introduced if all the extra stuff were taken out. I wish the class were more practical and straightforward oriented. I did find Dr. Holmes to be a bit misguiding at times, but overall I thought he did well conveying the message for both audiences. Just wish RPI would split this up, and I do realize that Dr. Holmes was FAR FAR FAR more fair than the other class. Have a friend in that class and I felt very grateful that I wasn't put through the same rigors that numcomp is famous for.
	3	I have heard bad things about this class, especially for aero majors that are required to take it. I thoroughly enjoyed this course, and professor Holmes was absolutely fantastic. I would love to take another mathematics class with him, even though it would be outside of my major.
	4	I couldn't have asked for a better course, although I wish I hadn't purchased the book since I was barely ever used... correction never used.
	5	I would have preferred that the exam dates were laid out in advance, there were some instances where it was hard to get a hold of the professor outside of class. Professor was very bright but often went into a little too much depth. Would have preferred a few more examples in class.
	6	As with any math course, this one depends entirely on the instructor. Holmes could not have been better - he's an interesting speaker and he brought in a lot of practical examples to keep the material interesting. It's clear that Numerical Computing is an area that he is very passionate and experienced in.
	7	Class continues to be difficult for Aero engineering students. Aero engineering students are at a distinct disadvantage when taking this class because we have taken fewer math classes than the other majors taking this class.
	8	The course required very little thinking. Instead, a bit of memorization and a touch of practice, and the student did well, and had to learn nothing at all.
	9	Professor Holmes is amazing. He is one of the best professors I have had here.
	10	Awesome class. The professor does an extremely good job of making you care about the material, which is rare. Quite honestly the best class I've had here.