

Emory University: Emory College of Arts and Sciences

ECAS Course Evaluations (Sp 2021)

Course: QTM-250-1: Applied Computing - Spring 2021
Instructor: Jeremy Jacobson *
Response Rate: 35/43 (81.40 %)

1 - Percentage of classes you did NOT attend (whether on-campus or synchronous/online).

Response Option	Weight	Frequency	Percent	Percent Responses	Means
0%	(1)	12	34.29%	<div><div></div></div>	
1-5%	(2)	8	22.86%	<div><div></div></div>	
6-10%	(3)	2	5.71%	<div><div></div></div>	
11-15%	(4)	4	11.43%	<div><div></div></div>	
16-20%	(5)	4	11.43%	<div><div></div></div>	
21-25%	(6)	3	8.57%	<div><div></div></div>	
26-30%	(7)	1	2.86%	<div><div></div></div>	
31-40%	(8)	0	0.00%	<div><div></div></div>	
41-50%	(9)	0	0.00%	<div><div></div></div>	
51-60%	(10)	0	0.00%	<div><div></div></div>	
61-80%	(11)	0	0.00%	<div><div></div></div>	
81-99%	(12)	1	2.86%	<div><div></div></div>	
				0 25 50 100	
Response Rate					
35/43 (81.40%)					

2 - You are taking this course (select all that apply):

Response Option	Weight	Frequency	Percent	Percent Responses	Means
To complete a General Education Requirement	(1)	5	14.29%	<div><div></div></div>	
For your major/minor	(2)	23	65.71%	<div><div></div></div>	
As a prerequisite for another course	(3)	3	8.57%	<div><div></div></div>	
As a pre-professional requirement	(4)	3	8.57%	<div><div></div></div>	
Because you are interested in the subject	(5)	20	57.14%	<div><div></div></div>	
Response Rate		35/43 (81.4%)			

3 - Your expected grade:

Response Option	Weight	Frequency	Percent	Percent Responses	Means
A	(1)	23	65.71%	<div><div></div></div>	
A-	(2)	7	20.00%	<div><div></div></div>	
B+	(3)	1	2.86%	<div><div></div></div>	
B	(4)	0	0.00%	<div><div></div></div>	
B-	(5)	0	0.00%	<div><div></div></div>	
C+	(6)	0	0.00%	<div><div></div></div>	
C	(7)	0	0.00%	<div><div></div></div>	
C-	(8)	0	0.00%	<div><div></div></div>	
D+	(9)	0	0.00%	<div><div></div></div>	
D	(10)	0	0.00%	<div><div></div></div>	
S	(11)	4	11.43%	<div><div></div></div>	
U	(12)	0	0.00%	<div><div></div></div>	
				0 25 50 100	
Response Rate					
35/43 (81.40%)					

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Course: QTM-250-1: Applied Computing - Spring 2021
Instructor: Jeremy Jacobson *
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4 - Please respond to the following questions focused on the instructor, Jeremy Jacobson. -

How well organized was the class?

Response Option		Weight	Frequency	Percent	Percent Responses	Means										
1 (Not at all)		(1)	0	0.00%												
2		(2)	1	2.86%												
3		(3)	0	0.00%												
4		(4)	1	2.86%												
5 (Somewhat)		(5)	1	2.86%												
6		(6)	3	8.57%												
7		(7)	1	2.86%												
8		(8)	6	17.14%												
9 (Very)		(9)	22	62.86%												
N/A		(0)	0	0.00%												
					0	25	50	100	Question	Dept		ECAS				
Response Rate		Mean	STD	Median	Dept		Mean	STD	Median	ECAS		Mean	STD	Median		
35/43 (81.40%)		8.06	1.68	9.00	1145		7.86	1.56	9.00	16775		7.87	1.66	9.00		

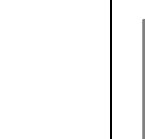
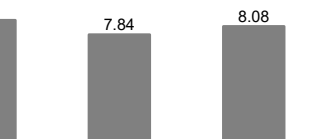
4 - Please respond to the following questions focused on the instructor, Jeremy Jacobson. -

Was the instructor enthusiastic about the material?

Response Option		Weight	Frequency	Percent	Percent Responses	Means										
1 (Not at all)		(1)	0	0.00%												
2		(2)	0	0.00%												
3		(3)	0	0.00%												
4		(4)	0	0.00%												
5 (Somewhat)		(5)	0	0.00%												
6		(6)	1	2.86%												
7		(7)	4	11.43%												
8		(8)	4	11.43%												
9 (Very)		(9)	26	74.29%												
N/A		(0)	0	0.00%												
					0	25	50	100	Question	Dept		ECAS				
Response Rate		Mean	STD	Median	Dept		Mean	STD	Median	ECAS		Mean	STD	Median		
35/43 (81.40%)		8.57	0.81	9.00	1145		7.95	1.57	9.00	16775		8.30	1.35	9.00		

4 - Please respond to the following questions focused on the instructor, Jeremy Jacobson. -

How concerned was the instructor with what students learned from the course?

Response Option				Weight	Frequency	Percent	Percent Responses	Means										
1 (Not at all)				(1)	0	0.00%												
2				(2)	0	0.00%												
3				(3)	0	0.00%												
4				(4)	0	0.00%												
5 (Somewhat)				(5)	1	2.86%												
6				(6)	1	2.86%												
7				(7)	5	14.29%												
8				(8)	9	25.71%												
9 (Very)				(9)	19	54.29%												
N/A				(0)	0	0.00%												
								0	25	50	100	Question	Dept		ECAS			
Response Rate		Mean	STD	Median	Dept			Mean	STD	Median	ECAS	Mean	STD	Median				
35/43 (81.40%)		8.26	1.01	9.00	1145			7.84	1.66	9.00	16775	8.08	1.56	9.00				

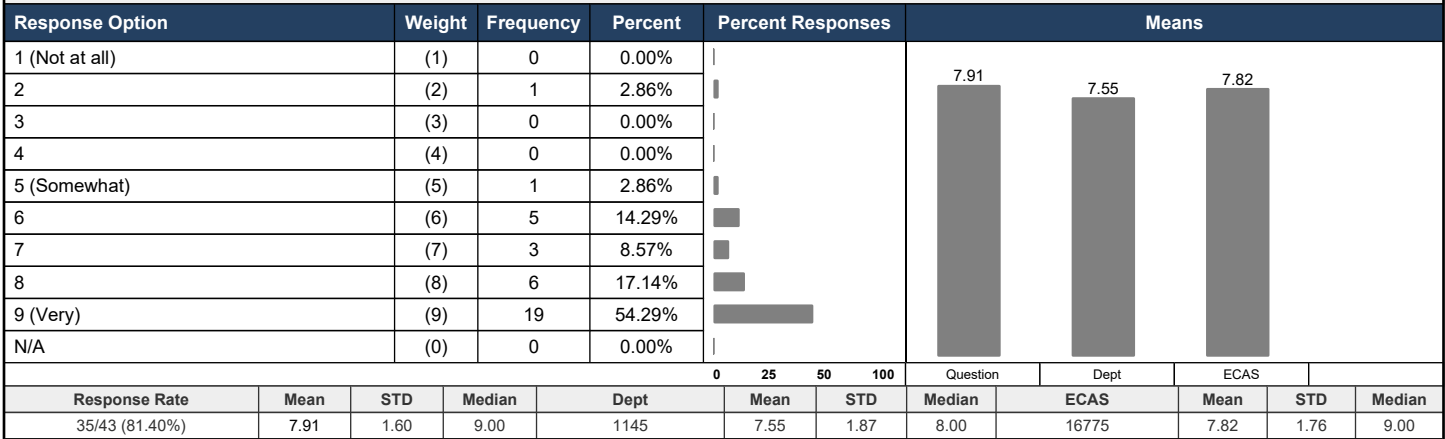
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ECAS Course Evaluations (Sp 2021)

Course: QTM-250-1: Applied Computing - Spring 2021
Instructor: Jeremy Jacobson *
Response Rate: 35/43 (81.40 %)

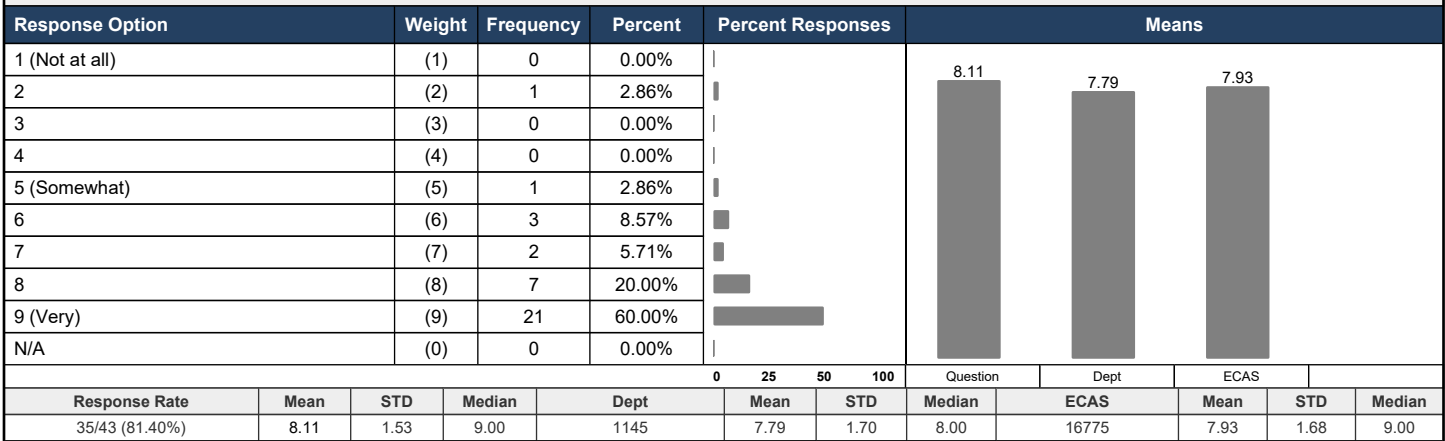
4 - Please respond to the following questions focused on the instructor, Jeremy Jacobson. -

How clearly did the instructor explain specific concepts relevant to the course?



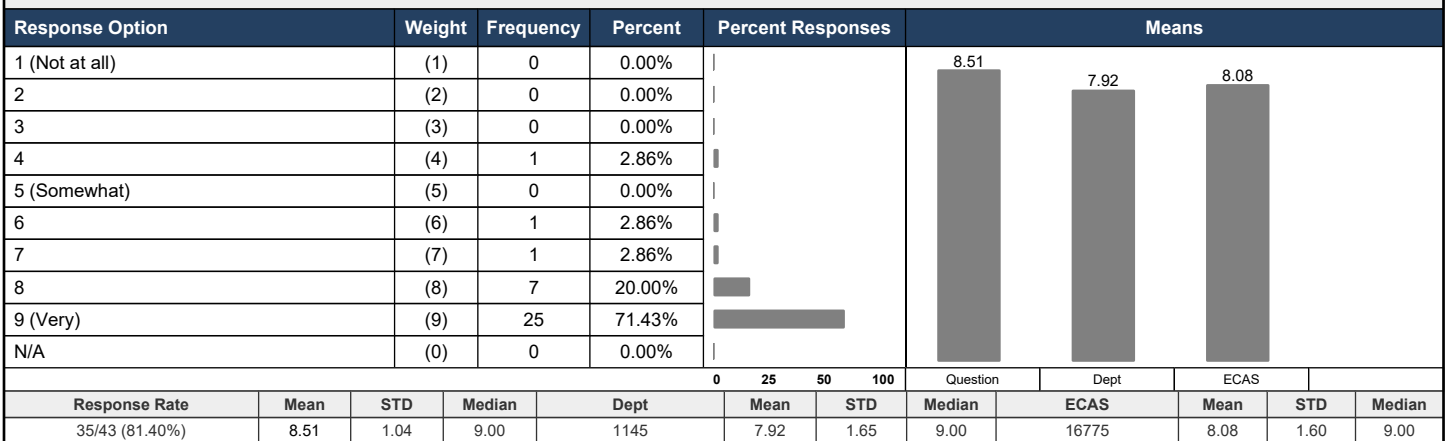
4 - Please respond to the following questions focused on the instructor, Jeremy Jacobson. -

How clearly did the instructor communicate the objectives and requirements for the course?



4 - Please respond to the following questions focused on the instructor, Jeremy Jacobson. -

How well did the instructor respond to students' questions?




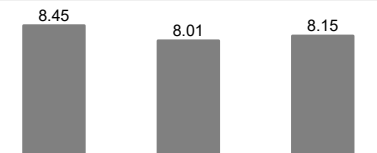
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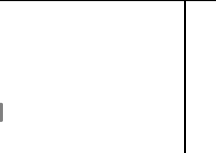
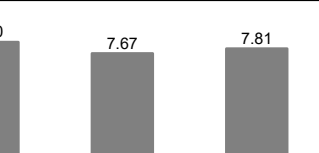
4 - Please respond to the following questions focused on the instructor, Jeremy Jacobson. -

How accessible was the instructor for individual discussion about the course?

Response Option		Weight	Frequency	Percent	Percent Responses	Means								
1 (Not at all)		(1)	0	0.00%										
2		(2)	0	0.00%										
3		(3)	0	0.00%										
4		(4)	0	0.00%										
5 (Somewhat)		(5)	0	0.00%										
6		(6)	1	2.86%										
7		(7)	5	14.29%										
8		(8)	5	14.29%										
9 (Very)		(9)	22	62.86%										
N/A		(0)	2	5.71%										
					0	25	50	100	Question	Dept		ECAS		
Response Rate		Mean	STD	Median	Dept	Mean	STD	Median	ECAS		Mean	STD	Median	
35/43 (81.40%)		8.45	0.87	9.00	1145	8.01	1.61	9.00	16775		8.15	1.54	9.00	


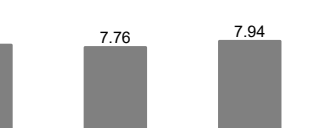
5 - How much did this course promote your progress on the following learning objectives?

Acquiring factual knowledge.

Response Option		Weight	Frequency	Percent	Percent Responses	Means										
1. Not at all or very little		(1)	0	0.00%												
2.		(2)	0	0.00%												
3.		(3)	0	0.00%												
4.		(4)	2	5.71%												
5. Somewhat		(5)	1	2.86%												
6.		(6)	3	8.57%												
7.		(7)	2	5.71%												
8.		(8)	8	22.86%												
9. Very much		(9)	19	54.29%												
N/A		(0)	0	0.00%												
					0	25	50	100	Question		Dept		ECAS			
Response Rate		Mean	STD	Median	Dept		Mean	STD	Median	ECAS		Mean	STD	Median		
35/43 (81.40%)		8.00	1.48	9.00	934		7.67	1.76	8.00	15794		7.81	1.71	9.00		

5 - How much did this course promote your progress on the following learning objectives?

Understanding basic principles and concepts.

Response Option				Weight	Frequency	Percent	Percent Responses	Means									
1. Not at all or very little				(1)	0	0.00%											
2.				(2)	0	0.00%											
3.				(3)	2	5.71%											
4.				(4)	0	0.00%											
5. Somewhat				(5)	0	0.00%											
6.				(6)	3	8.57%											
7.				(7)	6	17.14%											
8.				(8)	8	22.86%											
9. Very much				(9)	16	45.71%											
N/A				(0)	0	0.00%											
							0	25	50	100	Question		Dept		ECAS		
Response Rate		Mean	STD	Median	Dept		Mean	STD	Median	ECAS		Mean	STD	Median			
35/43 (81.40%)		7.83	1.56	8.00	934		7.76	1.67	8.00	15794		7.94	1.60	9.00			

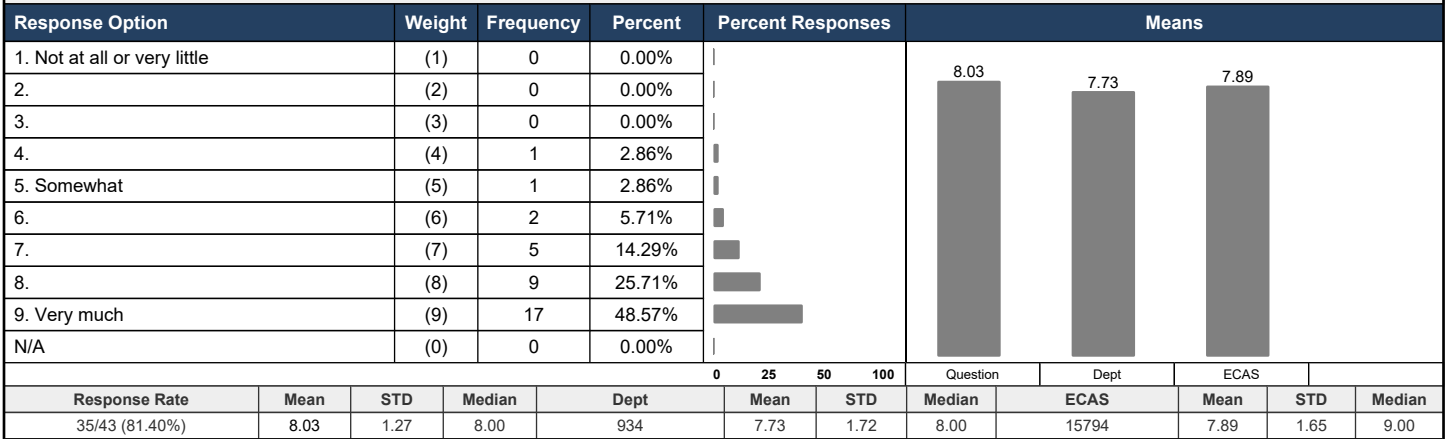
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Instructor: Jeremy Jacobson *
Response Rate: 35/43 (81.40 %)

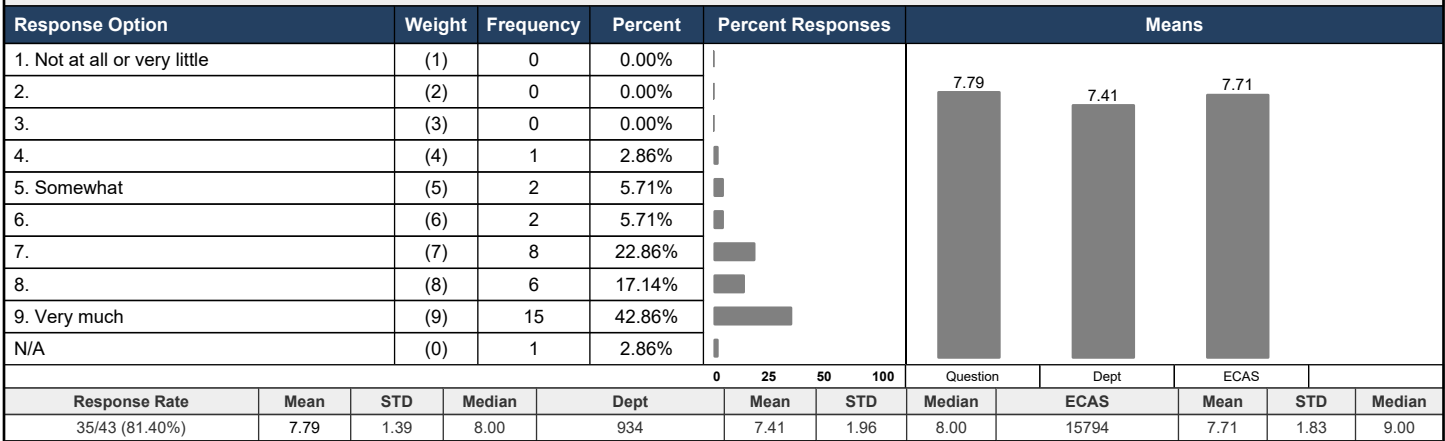
5 - How much did this course promote your progress on the following learning objectives?

Being able to apply facts, concepts and principles to specific questions.



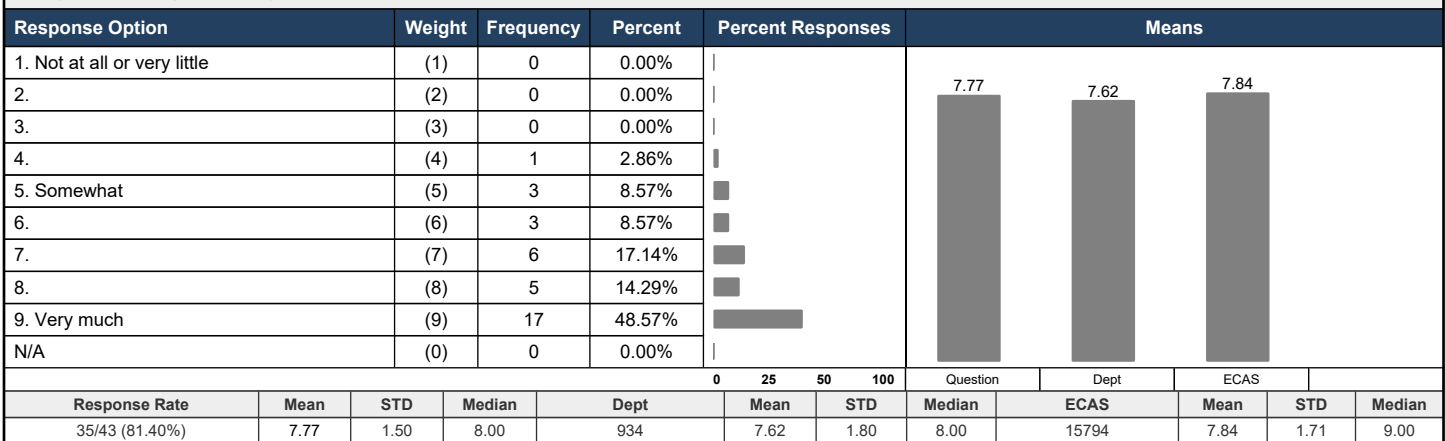
5 - How much did this course promote your progress on the following learning objectives?

Being able to assess or critique ideas and arguments.



5 - How much did this course promote your progress on the following learning objectives?

Being able to integrate and synthesize information.



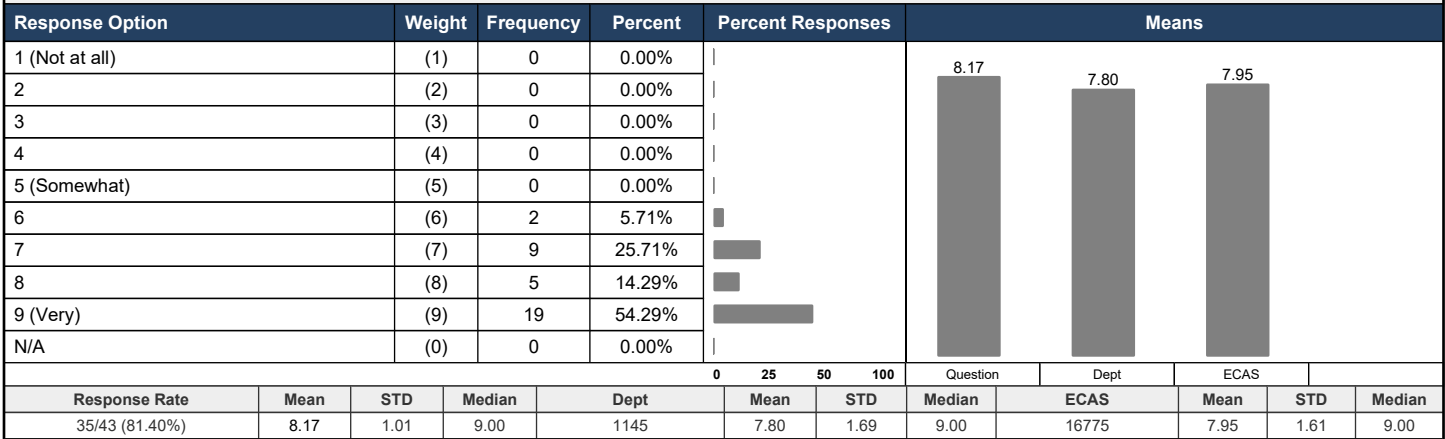
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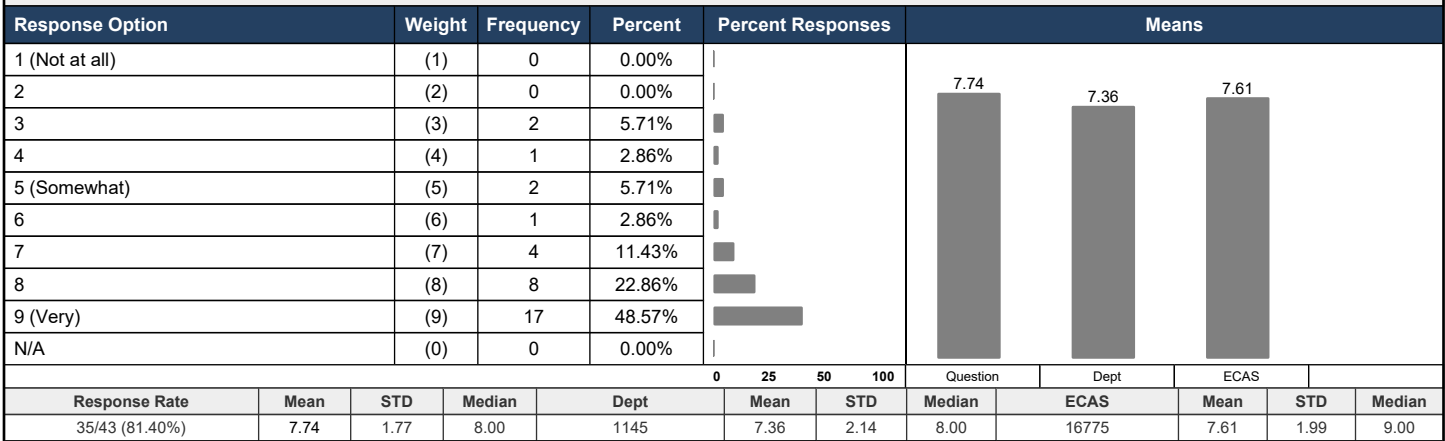
6 - Please answer the following questions, again focusing on the instructor (Jeremy Jacobson). -

How well did the exams and/or assignments reflect the course material?



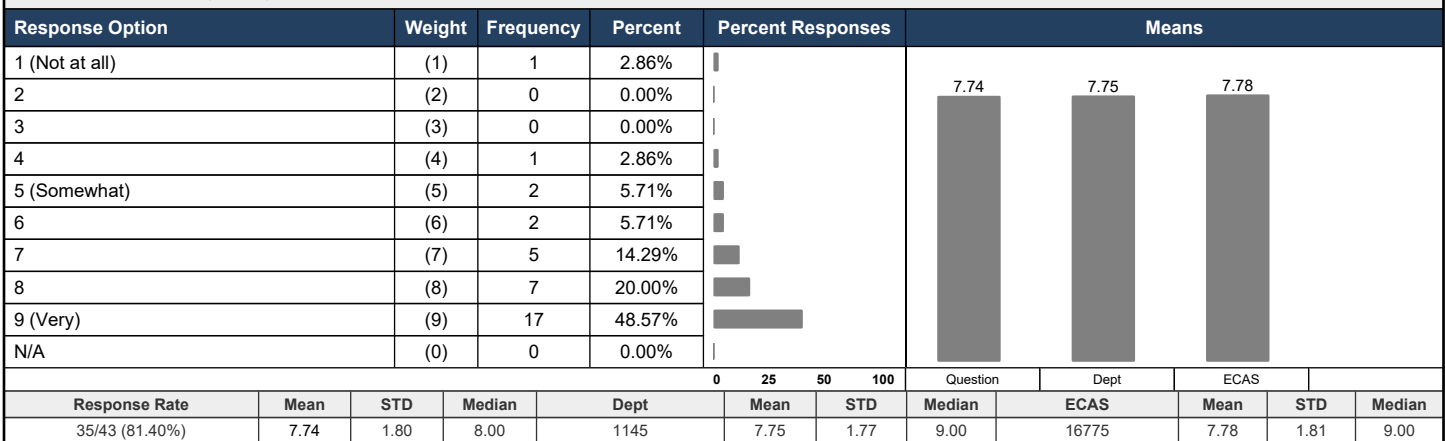
6 - Please answer the following questions, again focusing on the instructor (Jeremy Jacobson). -

Was the instructor's feedback on exams, papers, performance useful?



6 - Please answer the following questions, again focusing on the instructor (Jeremy Jacobson). -

Were the instructor's grading criteria for the course clear?






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7 - Which of these best describes your primary physical location while enrolled in this course?

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Atlanta metro area	(1)	20	57.14%					
Other U.S. location	(2)	9	25.71%					
International location	(3)	6	17.14%					
				0 25 50 100				
Response Rate								
35/43 (81.40%)								


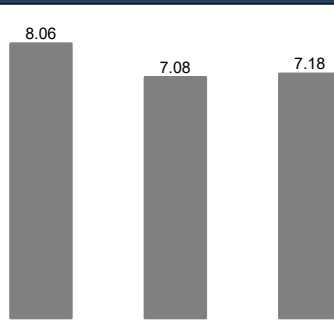
8 - How effective were each of the following components in helping you achieve the stated learning outcomes? Mark "N/A" for those components not used in this course.

live Zoom sessions

Response Option		Weight	Frequency	Percent	Percent Responses	Means								
1 (Not effective at all)		(1)	0	0.00%										
2		(2)	1	2.86%										
3		(3)	1	2.86%										
4		(4)	2	5.71%										
5 (About average)		(5)	6	17.14%										
6		(6)	3	8.57%										
7		(7)	6	17.14%										
8		(8)	5	14.29%										
9 (Very effective)		(9)	11	31.43%										
N/A		(0)	0	0.00%										
					02550100	Question		Dept		ECAS				
Response Rate		Mean	STD	Median	Dept		Mean	STD	Median	ECAS		Mean	STD	Median
35/43 (81.40%)		6.91	1.99	7.00	934		6.46	2.40	7.00	15794		7.25	2.10	8.00

8 - How effective were each of the following components in helping you achieve the stated learning outcomes? Mark "N/A" for those components not used in this course.

recorded lectures

Response Option		Weight	Frequency	Percent	Percent Responses	Means								
1 (Not effective at all)		(1)	0	0.00%										
2		(2)	0	0.00%										
3		(3)	0	0.00%										
4		(4)	0	0.00%										
5 (About average)		(5)	2	5.71%										
6		(6)	2	5.71%										
7		(7)	1	2.86%										
8		(8)	1	2.86%										
9 (Very effective)		(9)	12	34.29%										
N/A		(0)	17	48.57%										
					02550100	Question		Dept		ECAS				
Response Rate		Mean	STD	Median	Dept		Mean	STD	Median	ECAS		Mean	STD	Median
35/43 (81.40%)		8.06	1.51	9.00	934		7.08	2.16	8.00	15794		7.18	2.10	8.00


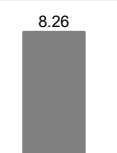
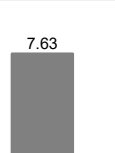
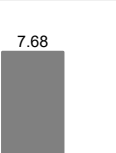

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Response Rate: 35/43 (81.40 %)


9 - How effective overall was the instructor's use of technology in helping you achieve the stated learning outcomes?

Jeremy Jacobson

Response Option		Weight	Frequency	Percent	Percent Responses	Means										
1 (Not effective at all)		(1)	0	0.00%												
2		(2)	0	0.00%												
3		(3)	0	0.00%												
4		(4)	0	0.00%												
5 (Average or mixed)		(5)	1	2.86%												
6		(6)	1	2.86%												
7		(7)	5	14.29%												
8		(8)	9	25.71%												
9 (Very effective)		(9)	19	54.29%												
N/A		(0)	0	0.00%												
					0	25	50	100	Question		Dept		ECAS			
Response Rate		Mean	STD	Median	Dept	Mean	STD	Median	ECAS		Mean	STD	Median			
35/43 (81.40%)		8.26	1.01	9.00	1145	7.63	1.67	8.00	16775		7.68	1.73	8.00			



10 - Please estimate the following in terms of intellectual engagement.

Percent of live online class sessions that I felt intellectually engaged with the materials or activities

Response Option				Weight	Frequency	Percent	Percent Responses	Means						
Less than 10%				(1)	1	2.86%		4.03	3.80	4.20	Question	Dept	ECAS	
10-30%				(2)	2	5.71%								
31-50%				(3)	7	20.00%								
51-70%				(4)	10	28.57%								
More than 70%				(5)	15	42.86%								
N/A				(0)	0	0.00%								
							0	25	50	100				
Response Rate		Mean	STD	Median	Dept		Mean	STD	Median	ECAS		Mean	STD	Median
35/43 (81.40%)		4.03	1.07	4.00	934		3.80	1.32	4.00	15794		4.20	1.12	5.00

10 - Please estimate the following in terms of intellectual engagement.

Percent of the time I felt intellectually engaged with the asynchronous videos and other content, if applicable

Response Option		Weight	Frequency	Percent	Percent Responses	Means										
Less than 10%		(1)	0	0.00%												
10-30%		(2)	1	2.86%												
31-50%		(3)	3	8.57%												
51-70%		(4)	4	11.43%												
More than 70%		(5)	13	37.14%												
N/A		(0)	14	40.00%												
					0	25	50	100	Question		Dept		ECAS			
Response Rate		Mean	STD	Median	Dept		Mean	STD	Median	ECAS		Mean	STD	Median		
35/43 (81.40%)		4.38	0.92	5.00	934		4.00	1.25	4.00	15794		4.18	1.12	5.00		

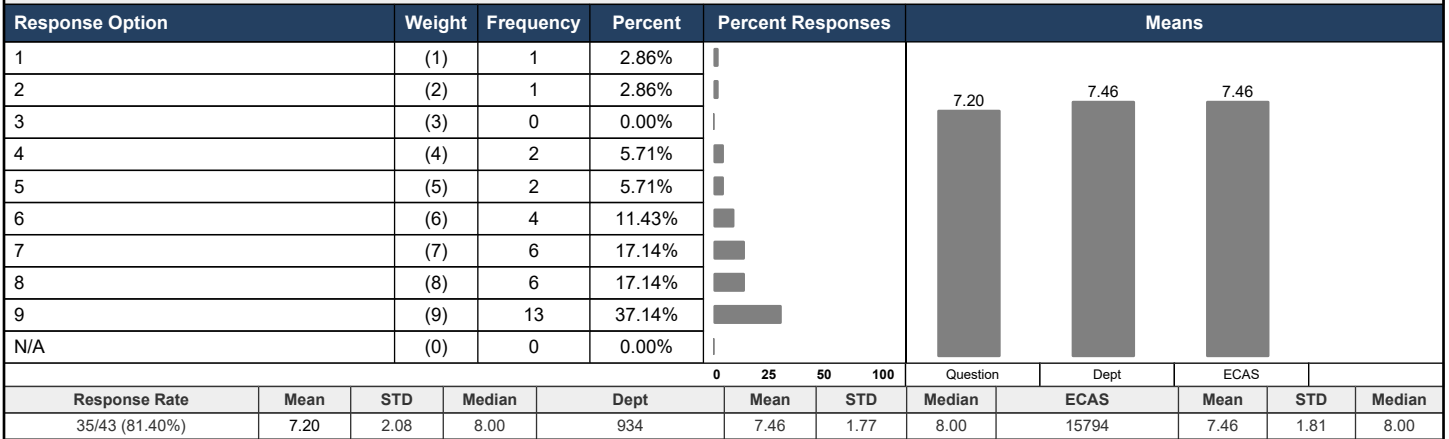
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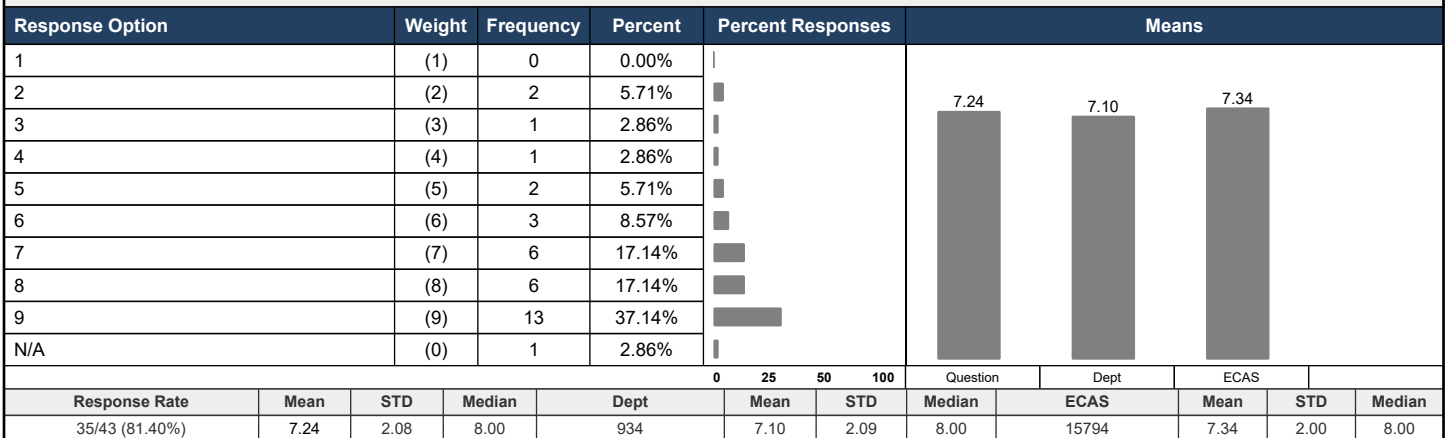
11 - Answer each of the following questions about your online course, in comparison with in-person courses in similar disciplines, with '1' representing "Much less effective," "Useless," or "Light workload," while '9' represents "Very effective," "Very Useful," or "Heavy workload."

effectiveness of the course in challenging you intellectually



11 - Answer each of the following questions about your online course, in comparison with in-person courses in similar disciplines, with '1' representing "Much less effective," "Useless," or "Light workload," while '9' represents "Very effective," "Very Useful," or "Heavy workload."

usefulness of the instructors' feedback



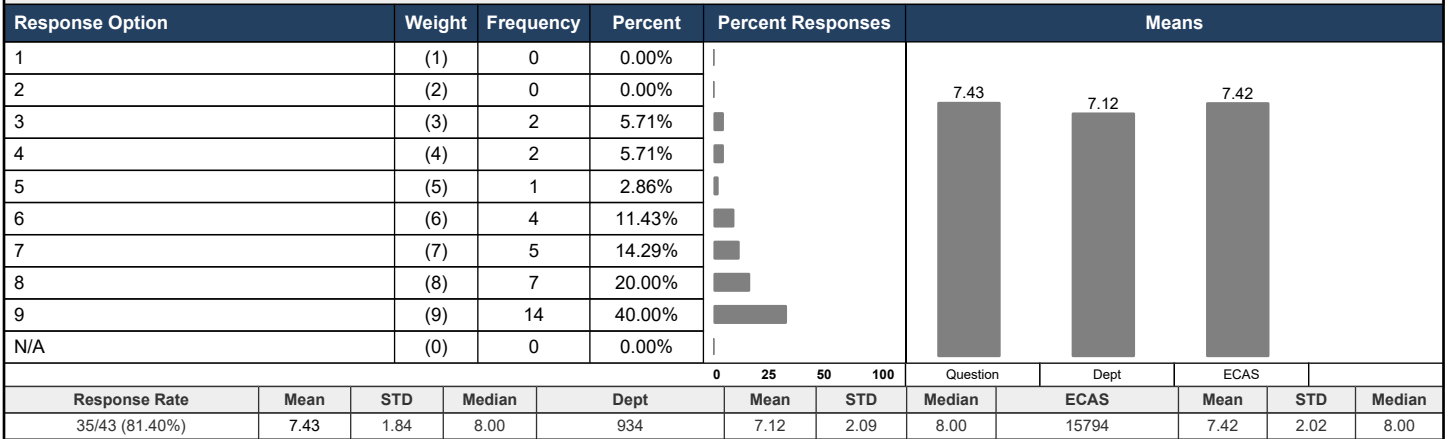
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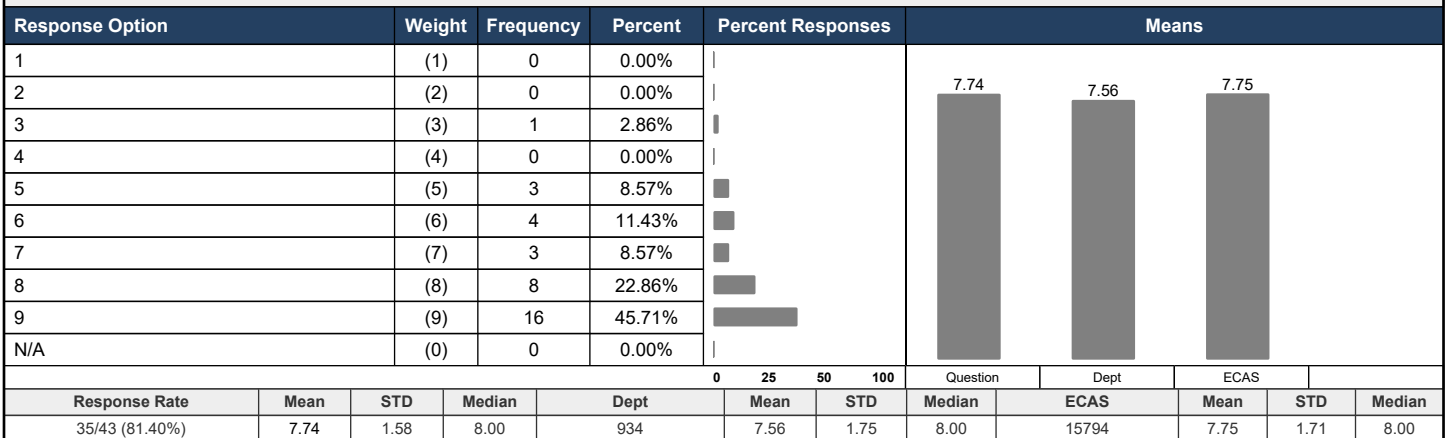
11 - Answer each of the following questions about your online course, in comparison with in-person courses in similar disciplines, with '1' representing "Much less effective," "Useless," or "Light workload," while '9' represents "Very effective," "Very Useful," or "Heavy workload."

instructors' ability to engage with the students in the remote environment



11 - Answer each of the following questions about your online course, in comparison with in-person courses in similar disciplines, with '1' representing "Much less effective," "Useless," or "Light workload," while '9' represents "Very effective," "Very Useful," or "Heavy workload."

course's success in accomplishing the objectives stated in the course syllabus




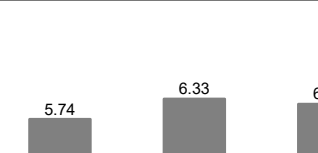
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Course: QTM-250-1: Applied Computing - Spring 2021
Instructor: Jeremy Jacobson *
Response Rate: 35/43 (81.40 %)

11 - Answer each of the following questions about your online course, in comparison with in-person courses in similar disciplines, with '1' representing "Much less effective," "Useless," or "Light workload," while '9' represents "Very effective," "Very Useful," or "Heavy workload."

course workload (1=light, 9=heavy)

Response Option		Weight	Frequency	Percent	Percent Responses	Means										
1		(1)	0	0.00%												
2		(2)	1	2.86%												
3		(3)	1	2.86%												
4		(4)	7	20.00%												
5		(5)	7	20.00%												
6		(6)	7	20.00%												
7		(7)	7	20.00%												
8		(8)	3	8.57%												
9		(9)	2	5.71%												
N/A		(0)	0	0.00%												
					0	25	50	100	Question		Dept		ECAS			
Response Rate		Mean	STD	Median	Dept		Mean	STD	Median	ECAS		Mean	STD	Median		
35/43 (81.40%)		5.74	1.67	6.00	934		6.33	1.82	6.00	15794		6.18	2.00	6.00		

12 - What approach used in this course was most effective in helping you achieve the stated learning objectives of the course?

Response Rate	14/43 (32.56%)
<ul style="list-style-type: none"> • working through things together in class • I think using professional tools such as GCP can really prepare students to be familiar with tools that are useful in the future career. • Interactive activities during lectures. • Working through the qwiklabs and textbook readings. • The textbook and colab notebook examples, and sometimes the qwiklabs • The Qwiklabs were very effective • Working with a group for the homework assignments. • I liked the poll everywhere that the professor used to keep students engaged during class • Combination of Qwiklabs with in-class work • N/A • working through Jupyter notebooks in class and applying knowledge in the homework • The synchronous lectures, recordings and the Qwiklabs are very effective for me in this course. • Having groups to work with throughout the semester and troubleshoot problems with was very helpful for learning in this course. • The live Zoom sessions made the coding tutorials that much easier, as I feel like the screen sharing was ideal for the learning in this type of class. Also, the class was very organized on a week-by-week basis in the Home page in Canvas, so this made it to be very organized and easy to follow along with the presentations and recordings. 	

13 - Did any of the following reduce your ability to participate/engage fully in the course? Select all that apply.

Response Option	Weight	Frequency	Percent	Percent Responses	
Limited internet access	(1)	4	20.00%	<div></div>	
Distractions from the physical environment in which I was accessing the internet	(2)	9	45.00%	<div></div>	
Distractions from my personal technology (phone, computer, etc)	(3)	12	60.00%	<div></div>	
Time zone differences	(4)	6	30.00%	<div></div>	
Health or work-related stress (yours or family/roommate)	(5)	10	50.00%	<div></div>	
Other	(6)	0	0.00%	<div></div>	
Response Rate		20/43 (46.51%)			



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ECAS Course Evaluations (Sp 2021)

Course: QTM-250-1: Applied Computing - Spring 2021
Instructor: Jeremy Jacobson *
Response Rate: 35/43 (81.40 %)

14 - Indicate the level of difficulty you experienced in each of the following domains.

Internet connectivity issues

Response Option			Weight	Frequency	Percent	Percent Responses	Means										
No (or few) issues			(1)	19	54.29%												
Some issues, easily resolved			(2)	13	37.14%												
Some issues, never fully resolved			(3)	0	0.00%												
N/A			(0)	3	8.57%												
							0	25	50	100	Question		Dept		ECAS		
Response Rate		Mean	STD	Median	Dept		Mean	STD	Median	ECAS		Mean	STD	Median			
35/43 (81.40%)		1.41	0.50	1.00	934		1.31	0.54	1.00	15794		1.47	0.61	1.00			

14 - Indicate the level of difficulty you experienced in each of the following domains.

Difficulties with my computer or other device

Response Option				Weight	Frequency	Percent	Percent Responses	Means						
No (or few) issues				(1)	21	60.00%								
Some issues, easily resolved				(2)	10	28.57%								
Some issues, never fully resolved				(3)	1	2.86%								
N/A				(0)	3	8.57%								
							0	25	50	100	Question	Dept	ECAS	
Response Rate		Mean	STD	Median	Dept		Mean	STD	Median	ECAS		Mean	STD	Median
35/43 (81.40%)		1.38	0.55	1.00	934		1.27	0.52	1.00	15794		1.35	0.57	1.00

14 - Indicate the level of difficulty you experienced in each of the following domains.

Difficulties with Canvas

Response Option			Weight	Frequency	Percent	Percent Responses	Means							
No (or few) issues			(1)	25	71.43%	<div><div></div></div>	<div><div></div><div></div><div></div></div> <div><div>1.22</div><div>1.16</div><div>1.20</div></div>							
Some issues, easily resolved			(2)	7	20.00%	<div><div></div></div>								
Some issues, never fully resolved			(3)	0	0.00%	<div><div></div></div>								
N/A			(0)	3	8.57%	<div><div></div></div>								
							0	25	50	100	Question	Dept	ECAS	
Response Rate		Mean	STD	Median	Dept		Mean	STD	Median	ECAS		Mean	STD	Median
35/43 (81.40%)		1.22	0.42	1.00	934		1.16	0.39	1.00	15794		1.20	0.44	1.00

14 - Indicate the level of difficulty you experienced in each of the following domains.

Difficulties with Zoom

Response Option			Weight	Frequency	Percent	Percent Responses	Means								
No (or few) issues			(1)	23	65.71%	<div><div></div></div>	<div><div></div><div></div><div></div></div>								
Some issues, easily resolved			(2)	9	25.71%	<div><div></div></div>									
Some issues, never fully resolved			(3)	0	0.00%	<div><div></div></div>									
N/A			(0)	3	8.57%	<div><div></div></div>									
							0	25	50	100	Question	Dept		ECAS	
Response Rate		Mean	STD	Median	Dept		Mean	STD	Median	ECAS		Mean	STD	Median	
35/43 (81.40%)		1.28	0.46	1.00	934		1.18	0.43	1.00	15794		1.28	0.52	1.00	

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Response Rate: 35/43 (81.40 %)

14 - Indicate the level of difficulty you experienced in each of the following domains.

Difficulties with Examyty

Response Option			Weight	Frequency	Percent	Percent Responses	Means							
No (or few) issues			(1)	14	40.00%									
Some issues, easily resolved			(2)	2	5.71%									
Some issues, never fully resolved			(3)	0	0.00%									
N/A			(0)	19	54.29%									
						0	25	50	100	Question	Dept		ECAS	
Response Rate		Mean	STD	Median	Dept		Mean	STD	Median	ECAS		Mean	STD	Median
35/43 (81.40%)		1.13	0.34	1.00	934		1.12	0.39	1.00	15794		1.14	0.40	1.00

14 - Indicate the level of difficulty you experienced in each of the following domains.

Other

Response Option		Weight	Frequency	Percent	Percent Responses	Means								
No (or few) issues		(1)	12	34.29%										
Some issues, easily resolved		(2)	1	2.86%										
Some issues, never fully resolved		(3)	0	0.00%										
N/A		(0)	22	62.86%										
					0	25	50	100	Question	Dept		ECAS		
Response Rate		Mean	STD	Median	Dept		Mean	STD	Median	ECAS		Mean	STD	Median
35/43 (81.40%)		1.08	0.28	1.00	934		1.10	0.36	1.00	15794		1.14	0.43	1.00

15 - Please describe the other technical issues you referred to above (if any).

Response Rate	5/43 (11.63%)
<ul style="list-style-type: none"> • power/wifi outages in ATL area • Home wifi could be a little wonky sometimes, but that's expected. • NA • My wifi went out in a couple of classes and my computer shut down in one of them but I was able to watch what I missed in the Zoom recordings of the lectures posted on Canvas • NA 	

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ECAS Course Evaluations (Sp 2021)

Course: QTM-250-1: Applied Computing - Spring 2021
Instructor: Jeremy Jacobson *
Response Rate: 35/43 (81.40 %)

16 - In general, what were your expectations for this course?

Response Rate	35/43 (81.4%)
---------------	---------------

- Learning basics of google cloud
- None
- Learn and experience with cloud, programming, and pulling up a project.
- Learning more about the up-to-date big data knowledge
- learn more about google cloud platform
- To learn the fundamentals of data science
- .
- learn cloud
- learn about data processing
- Learning how to utilize GCP in real-life scenarios.
- I was hoping to gain a better understanding of online languages and tools including Python and SQL.
- Wanted to learn more applications of the cloud and all! SQL too
- To become more proficient in new statistical analysis programs
- I wasn't sure what to expect, I thought perhaps we would be working more often with statistics and that sort of data. However, I did expect to learn a lot of new skills which I did.
- I expected to walk away with a great understanding of how to gather and manipulate data using cloud computing frameworks.
- I hoped that this class could better help me with data analysis in my research
- i thought that we would have learned r language or python
- I didn't really have any expectations for the course, I kind of just jumped in at the last minute because the name of the class seemed interesting and I felt like it could add some practical skills to my resume.
- -
- I didn't really have any
- That it may be challenging but very helpful to know
- A general course that taught the basics as well as went into detail on google cloud, internet security, and machine learning.
- I expected the class to be very difficult since the concepts are technical and complex and I expected to learn skills that would help in acquiring a job.
- i expected this course to be difficult
- To learn more about working with Google Cloud and Python
- An understanding of Python and SQL applications to data science
- I really didn't know what to expect from this course. I thought I might learn about different computer languages.
- N/A
- ..
- I thought I'd learn SQL, a lot of python and how to apply it to things like stats and machine learning
- I expected to learn about QTM careers and basics of some computer languages
- My expectation is to learn more about Google Cloud computing and how to extract public data resource.
- I really had no expectations for this course, I was hoping to feel some level of confidence in cloud computing by the end of the semester.
- I expected to learn about SQL and Python, both of which I was able to do.
- To learn some Python, SQL, Spreadsheets coding and other data visualization techniques/programs. Also to gain some exposure in the cloud computing service of GCP.

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Response Rate: 35/43 (81.40 %)

17 - Were your expectations realized?

Response Option			Weight	Frequency	Percent	Percent Responses		Means											
Yes			(3)	19	54.29%														
Partially			(2)	12	34.29%														
No			(1)	0	0.00%														
I had no expectations for this class			(0)	4	11.43%														
<div><div></div><div>02550100</div></div>													Question		Dept		ECAS		
Response Rate		Mean	STD	Median	Dept		Mean	STD	Median	ECAS		Mean	STD	Median					
35/43 (81.40%)		2.61	0.50	3.00	697		2.64	0.58	3.00	697		2.64	0.58	3.00					

- I was exposed to so much (which was great!) but I'll retain little of it, but at least the exposure should help.
- While the course was challenging intellectually, I found that when the concepts were explained with examples it was much easier. I feel like I have learned the basics for skills that I can continue through google cloud to help get a job.
- I didn't realize that the class was GCP based but appreciated the exposure
- We did learn SQL and some python, but there was a lot more about google sheets and the cloud than I expected, and we didn't learning that much basics of coding but just some specific applications
- Dr. Jacobsen is a really great professor that really cares about what his students learn in the class. He is very patient, and he engaged the class very well through distance learning. I learned many skills and concepts that have already been extremely useful for me!
- Realized without a doubt and exceeded my expectations. As a senior, I was hesitant to take a lower-level course and that too through a department which my major wasn't in. But I learned some valuable skills that I know will be useful in future jobs and programs. A one of a kind class that I would recommend everyone on campus to take, since QTM 100 is a pre-req and many people take that class. This class teaches many general skills any good employee could use to their benefit.

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ECAS Course Evaluations (Sp 2021)

Course: QTM-250-1: Applied Computing - Spring 2021
Instructor: Jeremy Jacobson *
Response Rate: 35/43 (81.40 %)

18 - What parts of this class interested you the most?

Response Rate 35/43 (81.4%)

- Google cloud
- machine learning
- Python and Google Cloud Console
- SQL, APIs, ML, JSON
- Learning about APIs
- .
- APIs
- sql
- Everything
- Python and SQL
- SQL, sheets
- SQL, Google Sheets
- I really liked BiqQuery and SQL
- The entire process of using the google suite to pull data from online APIs and learning how to glean information from them.
- Vision APIs, Cloud Natural Language APIs, machine learning
- synchronous class
- The SQL in BigQuery, Excel, Python, and the basic Google cloud material
- -
- talking about the future and robots
- The use of google colab to bring together all the coding languages
- Learning about machine learning
- APIs, Machine Learning, Spreadsheets
- SQL, pivot tables
- Machine Learning APIs
- Machine learning models and SQL
- I enjoyed the QwikLabs
- SQL
- ..
- Machine learning. Also this wasn't the most interesting but it was nice to be introduced to what related jobs are out there
- Learning how to use Google Sheets, SQL, and Google Cloud, especially BigQuery, Cloud Storage, and creating webpages and apps
- The computing part interest me the most.
- Applying our knowledge and figuring out how to use the cloud platform.
- SQL
- ML APIs, GCP services, tutorials and advice with job applications and types of jobs available in the market

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ECAS Course Evaluations (Sp 2021)

Course: QTM-250-1: Applied Computing - Spring 2021
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Response Rate: 35/43 (81.40 %)

19 - What parts of this class interested you the least?

Response Rate 35/43 (81.4%)

- google sheets
- None
- sql
- idk
- spreadsheets
- google cloud pollev questions
- .
- Spreadsheets
- api
- Everything
- Specifics on Google Platforms
- n/a
- Cloud Computing Modules
- The information about google cloud/the google cloud slides, because they were so broad but a lot of it we never really used so I didn't understand a lot of it beyond learning some vocab words.
- security and authentication
- The coding and Python
- the group homework is hard
- The more advanced Google Cloud material, including API's and Machine learning
- -
- the nitty gritty coding
- The whole class was interesting
- Working on google Colab wasn't really convenient when working with a group.
- Making visuals
- APIs and machine learning
- N/A
- All of the other GCP tools that we learned about very briefly but didn't apply. They felt too abstract to appreciate
- It felt like this class was an ad for Google Cloud sometimes.
- N/A
- ..
- Google sheets
- Learning the theoretical aspects of Google Cloud
- However, since I don't have any background knowledge on Google cloud, it is very hard for me to understand how the coding works. When, when it comes to explaining how exactly those computing function works, that would be a little bit boring for me.
- The powerpoints
- N/A
- NA

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Response Rate: 35/43 (81.40 %)

20 - Any suggestions for how this course might be improved (e.g., parts that should have received more or less attention; topics or exercises that could be added, etc.)?

Response Rate	11/43 (25.58%)
<ul style="list-style-type: none"> • Dr. Jacobson is really patient with students and I really like his way of teaching this type of material. Hope this class can continue in the future. • Sometimes the class session directly covered the readings and other times what we did during the reading was not touched. I started not doing the readings because we just went over them in class, but then that wasn't the case for all. This became frustrating. Sometimes, it was really confusing where we were in the weeds of Google Cloud and difficult to see the bigger picture. That said, despite the fact I was often confused (especially during labs), every time I get on Google Cloud I feel more & more comfortable. So, I guess it worked! • I really struggled in this class. Not in terms of workload, which was okay. And my grade in the class is good. But every day in class I felt so utterly confused about the material that was being presented. Granted, all of this information is new to me. I want to first make clear that Dr. Jacobson is incredibly skilled in the areas that he teaches, and demonstrates clear passion for these subjects, which I appreciate. He shows us applications beyond what the class covers just because he is excited about these tools. He is a kind and engaged professor. However, as a student with little to no programming and cloud experience, I constantly felt behind in what is supposed to be an introduction course. I often felt like I had missed a prerequisite because we constantly used terms in class I was unfamiliar with, but these terms were not explained and rather were used to explain other concepts that I also had a hard time understanding. Additionally, I felt that there was a disconnect between what we went over in class and what we were expected to do for the group homeworks. The material in class was often a very broad overview, although fortunately we had qwiklabs and the example colab notebooks to reference as well. However, the homework often asked us to apply skills we hadn't truly learned: in class and the colab notebooks gave examples of how certain tools could be used, but we never actually learned how to write the code the notebooks used or what that code meant. This meant that normally we just had to follow the code and structure of the colab notebooks and just try to come up with a different way to apply the same code, without really knowing what we were doing at times or why. I want to emphasize that I really applied myself to this class and did all the homework and reviews to help myself understand. But I think that Dr. Jacobson could do more to approach this class as an introductory course, and actually explain what certain code does, how to write it, and why we are taking certain steps. This class lacked that in-depth explanation that I really needed to understand the material. Sometimes, class felt like we were just watching the professor code with no explanation. I know that my project partners felt similarly. I did learn some cool new skills, and I am very thankful for that! I just think the class would have been a much better experience if the material was better organized and explained. • 1) More structure in the classes 2) More time devoted to getting down the basics and intermediate concepts of SQL 3) More clarity over what we are required to do (for grade) and what is optional (ungraded and tangential) 4) More clarity over how all the different assignments relate back to our learning goals • NA • Though the topic of this course was not my cup of tea and I was just in it for the QTM minor credits, this was an objectively great class. JJ is the GOAT. Love talking about the futuristic society stuff and relating robots to our daily lives. • We covered a lot but nothing in depth, I feel like I understand how things work but I don't know if I could do it on my own. • Accountability in group projects • Group homeworks were very hard to coordinate in a virtual setting, especially with large groups and students scattered across time zones. A few people ended up doing the bulk of the work • Less attention to Google sheets, I think a lot of people know how to use them. The homeworks were interesting but the groups were a little bigger than necessary - it was hard to organize a group of 6. I'd have liked to learn more python and have more instruction on the syntax of an API call. • I found myself in this class feeling confused on how to connect the higher level material to the actual work we were doing in the cloud. I felt the code was often glossed over at times especially having come in knowing no python or sql at all. Therefore closer attention could be paid on the coding and explaining what exactly we should be focusing on for the course. 	

Mean of Means Calculations	Mean	Dept	ECAS	
Weighted Mean (Course)	7.88	7.64	7.84	
Weighted Mean (Instructor)	8.15	7.78	7.96	
Weighted Mean (Overall)	8.06	7.73	7.92	