

ARSC College Core: Course Questions		MATH 2574C - 001							--- Survey Comparisons ---						
		Responses (%)					Course		MASC			All			
		SA	A	U	D	SD	N	Mean	N	Mean	Pct Rnk	N	Mean	Pct Rnk	
Q1	Assignments are related to goals of this course.	30 69.8%	11 25.6%	2 4.7%	0	0	43	4.65	3.4K	4.61	48	30K	4.59	44	
Q2	The teaching methods used in this course enable me to learn.	26 60.5%	13 30.2%	3 7%	1 2.3%	0	43	4.49	3.3K	4.18	68	30K	4.28	50	
Q3	The stated goals of this course are consistently pursued.	28 65.1%	14 32.6%	1 2.3%	0	0	43	4.63	3.3K	4.48	58	30K	4.52	49	

Responses: [SA] Strongly Agree=5 [A] Agree=4 [U] Undecided=3 [D] Disagree=2 [SD] Strongly Disagree=1
Pct Rnk: Percentile Rank (100 is best, calculated vs. precise Mean)

Demographics		MATH 2574C - 001									
		Responses (%)									Course
		COE	COE	DBC	FJS	JWF	SMW	SOL	GS	U	N
Q7	Your College:	1 2.3%	33 76.7%	0	0	9 20.9%	0	0	0	0	43

Responses: [COE] College of Education and Health Professions

[COE] College of Engineering

[DBC] Dale Bumpers College of Agricultural, Food and Life Sciences

[FJS] Fay Jones School of Architecture and Design

[JWF] J. William Fulbright College of Arts and Sciences

[SMW] Sam M. Walton College of Business

[SOL] School of Law

[GS] Graduate School

[U] UNDECLARED

Demographics		MATH 2574C - 001						
		F	S	Responses (%)		G	O	Course N
Q9	Your class	11 25.6%	23 53.5%	4 9.3%	5 11.6%	0	0	43

Responses: **[F]** Freshman **[S]** Sophomore **[J]** Junior **[S]** Senior **[G]** Graduate **[O]** Other

Demographics		MATH 2574C - 001		
		Responses (%)		Course
		YES	NO	N
Q10	Course required	40 95.2%	2 4.8%	42

Responses: [YES] Yes [NO] No

University Core Course		MATH 2574C - 001							--- Survey Comparisons ---					
		Responses (%)					Course		MASC			All		
		E	G	F	P	VP	N	Mean	N	Mean	Pct Rnk	N	Mean	Pct Rnk
Q11	Overall, I would rate this course as:	22 51.2%	13 30.2%	5 11.6%	3 7%	0	43	4.26	3.4K	4.06	61	30K	4.23	41

Responses: [E] Excellent=5 [G] Good=4 [F] Fair=3 [P] Poor=2 [VP] Very Poor=1

Pct Rnk: Percentile Rank (100 is best, calculated vs. precise Mean)

ARSC College Core: Instructor Questions		Derrick Wigglesworth						--- Survey Comparisons ---						
		Responses (%)					Individual		MASC			All		
		SA	A	U	D	SD	N	Mean	N	Mean	Pct Rnk	N	Mean	Pct Rnk
Q12	My instructor displays a clear understanding of course topics.	39 90.7%	3 7%	0	1 2.3%	0	43	4.86	3.4K	4.61	71	31K	4.67	59
Q13	My instructor is readily available for consultation.	33 76.7%	8 18.6%	2 4.7%	0	0	43	4.72	3.4K	4.48	65	31K	4.52	52
Q14	My instructor explains difficult material clearly.	28 65.1%	9 20.9%	3 7%	2 4.7%	1 2.3%	43	4.42	3.4K	4.13	63	31K	4.32	42

Responses: [SA] Strongly Agree=5 [A] Agree=4 [U] Undecided=3 [D] Disagree=2 [SD] Strongly Disagree=1

Pct Rnk: Percentile Rank (100 is best, calculated vs. precise Mean)

ARSC MASC: Instructor Based Questions		Derrick Wigglesworth						--- Survey Comparisons ---						
		Responses (%)					Individual		MASC			All		
		SA	A	U	D	SD	N	Mean	N	Mean	Pct Rnk	N	Mean	Pct Rnk
Q15	My instructor explains new ideas by relating them to familiar concepts.	31 72.1%	9 20.9%	1 2.3%	1 2.3%	1 2.3%	43	4.58	3.4K	4.21	70	3.4K	4.21	70

Responses: [SA] Strongly Agree=5 [A] Agree=4 [U] Undecided=3 [D] Disagree=2 [SD] Strongly Disagree=1

Pct Rnk: Percentile Rank (100 is best, calculated vs. precise Mean)

University Core Instructor		Derrick Wigglesworth						--- Survey Comparisons ---						
		Responses (%)					Individual		MASC			All		
		SA	A	U	D	SD	N	Mean	N	Mean	Pct Rnk	N	Mean	Pct Rnk
Q16	My Instructor is fluent in English	42 97.7%	1 2.3%	0	0	0	43	4.98	3.4K	4.71	64	31K	4.80	47

Responses: [SA] Strongly Agree=5 [A] Agree=4 [U] Undecided=3 [D] Disagree=2 [SD] Strongly Disagree=1

Pct Rnk: Percentile Rank (100 is best, calculated vs. precise Mean)

University Core Instructor		Derrick Wigglesworth						--- Survey Comparisons ---						
		Responses (%)					Individual		MASC			All		
		E	G	F	P	VP	N	Mean	N	Mean	Pct Rnk	N	Mean	Pct Rnk
Q17	Overall, I would rate this instructor as:	32 74.4%	6 14%	4 9.3%	1 2.3%	0	43	4.60	3.4K	4.31	66	31K	4.45	46

Responses: [E] Excellent=5 [G] Good=4 [F] Fair=3 [P] Poor=2 [VP] Very Poor=1

Pct Rnk: Percentile Rank (100 is best, calculated vs. precise Mean)

Question:	How did the switch in course format (in-person to online learning only) change your learning experience?
Response Rate:	67.44% (29 of 43)
1	it was much more difficult
2	it pretty much stayed the same he did an excellent job
3	had to rely on more outside resources and the textbook

4	While I still am doing plenty well in the course, the online learning greatly slows my learning.
5	When we had class in person it was easier to understand hearing someone physically talk about it. It was also nice to ask questions in person and have real discussions on the topic. When the switch to online the aspect of interaction was lost a little.
6	Throughout my semester, even before the quarantine, I primarily used the textbook as a firsthand material for learning the new content. This is not to say that Dr. Wigglesworth's lectures were sub-par by any means. Instead, I find that I learn the most effectively from books, and I attend the lectures to reinforce this knowledge and hear the material from a learned perspective. That being said, the transition from in-person to online learning has not impacted my ability to learn the new content. I will note, however, of all my classes this semester, Dr. Wigglesworth's Cal III class was the most prepared and diligently managed in the face of this pandemic. I was never once confused on what was required of me and my assignment submissions or any other logistic problem that one might face in this sort of transition. The absolute plethora of resources and availability provided by the TAs and Dr. Wigglesworth himself was more than enough to ensure my success in the course.
7	This class did seem to get much harder with it being online.
8	The transition to online classes has been good. The only thing I wish he had done is to continue with his lecture. He now sends us worksheets to work before class and I had a really hard time adjusting because I really need someone to explain to me the material.
9	The transition into online only learning was rough, it is much harder to learn and grasp concepts in an efficient manner.
10	The switch was a negative learning experience. I felt like it was harder to get help from TAs. Changes to the drill made it seems like a two hour experience that provided little to no value for the time spent watching.
11	The switch to online required a lot more self-discipline on my part, but I felt like I was still able to learn the material since Dr. Wigglesworth's online learning modules were very thorough and helpful. However, I feel like my grasp on the course content may not be as comprehensive as it would've been with in-person lectures. I just feel like it was a lot harder to engage with the material when you're sitting by yourself in front of a laptop than when you're actually sitting in a classroom having things taught to you in person.
12	The learning experience is a bit different, but it is good.
13	The change made it very difficult to motivate myself to go to drills and watch the lecture which severely curtailed my enjoyment and engagement in the class. This was a pattern in all my classes, but it was especially egregious for a class which I already have to put a lot of effort into like calculus.
14	Not motivated to learn
15	My work load got so much heavier. I cannot believe how much work was given
16	My learning experience changed tremendously. When we had class in person I was rarely confused and felt like I had a great understanding of the concepts but as soon as we switched to online I was frequently confused and felt like I was left teaching myself. I think we should have had a full on, normal lecture every MWF just like we would have in person. My other classes that kept a normal lecture were structured much better and kept me accountable to go to class and study. Without having a normal lecture I was very unengaged even though I was going to drill, watching all the module videos, taking notes, and completing all assignments. I was very disappointed with this class when online learning started.
17	My learning experience definitely went downhill. I have never been able to learn that well through online courses, which is neither the University's fault nor Professor Wigglesworth's, but this transition has been very hard and I don't believe my grades reflect my ability and performance in school as well as they would have if we were to still be in-person.
18	Made it a lot harder but I do not blame the professor. He did the best he could.
19	Like I said above, Dr. Wigglesworth had a smooth transition, but feel like was given more and harder materials after switching to the online format.
20	Learned far less online
21	It was tough but I got through it.
22	It was kind of aggravating that it was not required for us to meet during class and that it was kind of "self-paced" I would have liked to have seen us actually meet in class at least once or twice a week so that you could teach us the material instead of learning from our videos or our TAs.
23	It was extremely difficult, mainly because I learn best through face to face discussion, but it was manageable.
24	It was almost the same for me since my drill section did not change a lot.
25	It made it much harder to maintain a structured schedule.
26	I found that when this class switched to online, it was more effective for me to teach myself the material from the textbook than try to keep up with the recorded lectures.
27	I focused more on the textbook and working out examples during Q&A time than anything.
28	I didn't like it because it felt like I wasn't learning anything post-online learning
29	As I started working full time again, I was rarely ever able to make it to online lecture times, so it was hard to feel like I was being taught. Obviously this is not the instructor's fault, just the cost that comes with filling your schedule. Teaching myself for the most part seemed fine, but I have no understanding of the information, I just know which equations to use for different situations.

Faculty:	Derrick Wigglesworth
Question:	Comments:
Response Rate:	44.19% (19 of 43)
1	very enthusiastic (our class ant was named Jeffery haha!), always ready for questions, cared about the students
2	Wigglesworth is such an amazing teacher. If anyone thinks otherwise, they are absolutely insane
3	Very relatable professor. Great explanatory skills.
4	This lecture was poor, very confusing. I got a good grade because of my TA in drill sections.
5	The workload for this class buried me. My other class grades suffered because of it
6	The amount of effort Dr. Wigglesworth puts into his Calculus III course is unparalleled by many of my professors, past and present. He has always encouraged the importance of collaboration during his class periods, and does a very good job at keeping all of his students on the same page when it comes to assignments, tests, quizzes, etc. One notable quality that I admire in Dr. Wigglesworth is his calm and approachable demeanor. Despite having a Calculus lecture at 8:30 in the morning, Dr. Wigglesworth always came in prepared, upbeat, and energetic about his class. This consistent attitude made this lecture one of the easiest to attend among my other classes, and I feel as though it managed to brighten my MWF mornings and prepare me mentally for my day. This, I find, is a very rare quality in a math lecture. Dr. Wigglesworth's passion for providing the best education for his students does not go unnoticed, and, over the course of this pandemic, his course has created no additional stress for me. For all of this, I thank him.
7	Please do away with worksheets, it just confuses students. Everything else was great.
8	Overall, I really enjoyed the class. However, it often times would seem to get too far off topic or almost immature seeming. It is great to make classes fun, but I think there could have been a better balance of joking around and actively learning.
9	Overall great experience. If you teach in the summer or in the Fall online again, I would suggest at least posting lecture videos explaining the topics and theorems. In class, I personally didn't get much from geogebra and relied mostly on the lecture so the switch was a little hard for me since the modules were heavily polluted with geogebra.
10	Never stop wearing Chacos!!

	I would like to comment on this class in two parts- before school went to online courses and after.
	In-person class, aka before mid-March, even though I enjoy Dr. Wigglesworth's class but I seem to learn more during drill time instead of the actual class. Also, I believe drill in-class practice material and My Math Lad online homework are closer to the exam problems.
11	During the online portion of this class, Dr. Wigglesworth tried his best to make the transition smoothly. Of all my professors this semester, he is the first professor to figure out the online format. Although he shorten the class period, it seems like the students are given more and harder material to study for.
	Overall, I enjoy this class and Dr. Wigglesworth's teaching method, but I would hope to have more examples given in class (I like what Dr. W do during online class, where he went through a lot of examples during the class time via Collaborate.
12	I have enjoyed this class and Professor Wigglesworth.
13	Great professor!
14	Great job
15	Dr. Wigglesworth is a great professor, but his worksheets are really hard. I am not a math brain, so it is really hard for me to understand what is going on. I wouldn't have passed this class without my T.A. Dr. Wigglesworth focuses way too much in theory and in class, people who have a clear understanding of the theory can participate. Overall, Dr. Wigglesworth is a great professor, but his worksheets gotta go.
16	Dr. Wigglesworth was an excellent professor. I found his lectures to be interesting and he did a great job explaining the material effectively. I found that if the students did not have an interest in how the derivations were originally created, which isn't necessary information for the course, then the first half of each lecture was not important. I think Dr. Wigglesworth has a wonderful personality and made a difficult class as fun as he could. He works with his students and does everything he can to be fair and understanding and helpful.
17	Dr. Wigglesworth was a fantastic professor for Calculus 3 and he made the class the best it could possibly be for his students.
18	Dr. Wigglesworth made the classroom environment welcoming and made me eager to learn.
19	Dr. Wigglesworth is hands down the best math teacher that I have ever had. His laid-back yet enthusiastic personality was infectious. Not only was he clearly passionate about the topics and excited to teach them to us, he excelled at carefully considering each question and answering it in a way one could understand.

ARSC College Core: Course Questions		MATH 2574C - 003							--- Survey Comparisons ---						
		Responses (%)					Course		MASC			All			
		SA	A	U	D	SD	N	Mean	N	Mean	Pct Rnk	N	Mean	Pct Rnk	
Q1	Assignments are related to goals of this course.	27 84.4%	4 12.5%	0	1 3.1%	0	32	4.78	3.4K	4.61	70	30K	4.59	61	
Q2	The teaching methods used in this course enable me to learn.	23 71.9%	8 25%	0	1 3.1%	0	32	4.66	3.3K	4.18	77	30K	4.28	66	
Q3	The stated goals of this course are consistently pursued.	25 78.1%	6 18.8%	1 3.1%	0	0	32	4.75	3.3K	4.48	73	30K	4.52	64	

Responses: [SA] Strongly Agree=5 [A] Agree=4 [U] Undecided=3 [D] Disagree=2 [SD] Strongly Disagree=1
Pct Rnk: Percentile Rank (100 is best, calculated vs. precise Mean)

Demographics		MATH 2574C - 003									
		Responses (%)								Course	
		COE	COE	DBC	FJS	JWF	SMW	SOL	GS	U	N
Q7	Your College:	0	28 90.3%	0	0	3 9.7%	0	0	0	0	31

Responses: [COE] College of Education and Health Professions

[COE] College of Engineering

[DBC] Dale Bumpers College of Agricultural, Food and Life Sciences

[FJS] Fay Jones School of Architecture and Design

[JWF] J. William Fulbright College of Arts and Sciences

[SMW] Sam M. Walton College of Business

[SOL] School of Law

[GS] Graduate School

[U] UNDECLARED

Demographics		MATH 2574C - 003						
		Responses (%)						Course
		F	S	J	S	G	O	N
Q9	Your class	16 51.6%	13 41.9%	2 6.5%	0	0	0	31

Responses: [F] Freshman [S] Sophomore [J] Junior [S] Senior [G] Graduate [O] Other

3	This material is very difficult to learn online. The instructor made many resources available to help with the transition, but in the end, the class is just not designed to be held online.
4	This change was difficult for me in this class because physically being there in the classroom with him makes it easy to learn the difficult material. Once we switched to online, it was difficult because he would post things like Khan academy videos and I just cannot learn from watching a video. Once I started going to the chatrooms during lecture, it was a lot better, but it definitely was still difficult to learn that way.
5	The switch from in-person to online was very difficult for me. Dr. Wigglesworth did the best he could to teach us online but the topics remained very difficult. This class in person is hard enough and switching to online made it incredibly difficult for me. Dr. Wigglesworth did his best to teach us the concepts but this class should not be an online class and we can't be expected to perform as well as in person.
6	Since I didn't have drill to help focus on application problems, I really have struggled understanding the newer topics. I anticipated an A before the switch, and now I am going to finish with a B since this transition, especially for this course, has really hurt my ability to learn this material.
7	Overall understanding of concepts decreased with online learning, especially since the hardest material in the class was covered during this time
8	Not being in lecture does make it harder to go over key concepts and ideas, but having a steady flow of quizzes/homeworks does encourage revising important topics.
9	My understanding of the topics in this course definitely decreased once we switched to online lecture, but I don't blame Dr. Wigglesworth for this. It's just hard to learn any math course online.
10	It was hard because I learn better when I am in-person class. I prefer in-person class. By going online there was just too much work for many of my STEM classes. Going online kind of hindered my learning in calculus 3 just because of how the change was. It is clearly not the professors fault as he was trying to do his best to give us the material. Really just the subject itself is hard in general online.
11	It really messed me up. I have some focusing issues that usually aren't a problem with in person classes. going home and moving to online has really hurt my ability to focus and pay attention. I'm pretty sure I'll get an A in this class but before it was a solid yes and now it's more of a 88.8.
12	It made things more difficult, but still manageable. Having in person lectures is really helpful to visualize things in math specifically.
13	It made it more difficult not being in class being able to ask questions in person. It is harder to convey thoughts over computer than being able to speak in real time. However, I think he gave ample resources and was willing to go above and beyond to help out if confusion was still present.
14	It made it a little more difficult to keep motivation to watch lectures, but I really appreciated that the lectures were recorded because it would have been impossible for me to attend a virtual live lecture. Also, I really like the in person discussions we had in class and those weren't really possible anymore. I loved the class in person and was sad to have to move online, but I think it was done as well as it could be in an online format.
15	It impacted it negatively. I feel one must be in the right mindset for online learning as opposed to online learning. That said, Dr. Wigglesworth did a good job providing as many resources as possible that helped benefit students. Additionally his leniency and understanding with adjusting deadlines helped ease some of the stress moving home and completely adapting my learning style caused.
16	It honestly is an incredible loss that this class was transitioned online. The biggest loss was not being able to go to Dr. Wiggle's lectures. I actually looked forward to going. I miss his jokes and outgoingness. My learning experience changed dramatically- this class suddenly became super self-paced. It was now dependent on me to teach myself, via his online instruction. Drill was always helpful and reinforced learning, but now I have had to find other means of thoroughly teaching myself. This is not a class that should be taken online- it really needs a human to stand up and move his arms trying to explain the gradient. But this is the best that is possible given the circumstances, and it just requires a little more effort on my side to learn.
17	I think that the content was much more difficult to comprehend after our switch to online learning, but I felt that Dr. Wigglesworth did a good job of giving us access to notes, and different types of videos to appeal to different learning styles.
18	I think the transition was very smooth and not much changed regarding the level of difficulty.
19	I felt that you had to really understand the material better and being able to apply them.
20	I feel like I used more example problems to help understand the material

Faculty: Derrick Wigglesworth	
Question: Comments:	
Response Rate:	50.00% (16 of 32)
1	n/a
2	You are literally the best teacher, so thanks.
3	This guy is a baller, up his pay.
4	Professor Wigglesworth was really approachable and was willing to find new ways to explain difficult topics.
5	Professor Wigglesworth was great at making the class interesting and kept me engaged. I really felt he cared about each one of us.
6	Keep doing what you're doing. Only negative thing I will say is the worksheets don't really add to the class in my opinion. They could easily be replaced with quizzes, practice problems, or something else more related to the course material.
7	I really like Dr. Wigglesworth's teaching style, however he does tend to focus more on theory than he does problems. I didn't mind this as I really liked learning the concept in class and then applying it in drill. It worked very well for me.
8	I really enjoyed being in Dr. Wigglesworth's class. He actually made an effort to know us as students, and he explained difficult topics to understand conceptually in a way where it was really easy to comprehend. I had to adjust to his teaching style at first, but in the end I really like the way he taught the class, and I think he is a great professor.
9	I really enjoyed Dr. Wigglesworth's teaching style, and felt that he did a good job explaining things so that we were able to understand things conceptually very well. I also feel that he did an excellent job presenting information after our transition to online learning. I felt that he presented the information in multiple different ways, and gave us several ways to access the course content that was best for our learning style.
10	He is by far the best instructor I've had at this university, maybe the best ever. I am in a groupchat for engineering majors at the university. Someone asked who to take for Cal 3 and instantly at least a dozen people recommended Dr. Wiggle and sang his praises. Engineering students don't give compliments easily; we tend to be complainers. He is kind, makes an effort to learn our names, and is genuinely passionate about the material and his job. I hated math after my experiences last semester, and he made me like it again. This class was amazing, and I wish I could take him again.
11	Dr. Wiggle is my favorite teacher at the UoFA. This, in part, definitely makes Calculus III one of my favorite classes as well. He is outgoing, confident, and I can tell he enjoys teaching. His energy when teaching makes everyone excited to learn. Calculus III is an incredibly visual class, at least it is to me, and Dr. Wiggle was able to convey that information well. Through the use of Geogebra, his "vector," and just even utilizing walls and other classroom components, he was able to really show what the numbers on the board mean. He cares about the students, which personally means a lot. The fact that he challenged himself to (and I assume he was able to) memorize every student's name in a large lecture is something that no other teacher would do. In addition to that, no question was stupid, and he would also go out of his way to explain things to students that needed more help. This all really displays his humility and intentionality for this class and the University of Arkansas in general. I could go on all day writing kind words, but I think you get the picture. Thank you for making math fun again, and for caring about your students.
12	Dr. Wigglesworth is a great professor. Unfortunately once we switched to online instruction my understanding of the class wasn't as strong, but that's only because Dr. Wigglesworth explained the topics so well during lecture. The only thing I would complain about are the worksheets, I didn't feel they were relevant to the course.

13	Dr. Wigglesworth displays an enthusiasm for math that is encouraging and conducive to learning. His practical approach makes difficult topics easier and feel meaningful/worth the effort to learn.
14	Dr. Wigglesworth is a fun professor to have. He brings a lot of energy to the room. He makes the topics easier with his explanations and makes the learning experience less stressful in my opinion. I would suggest Dr. Wigglesworth as an instructor to anyone taking Calculus 3.
15	Calculus 3 is not an easy subject to learn, especially with what is going on with COVID-19. He really cares about his students and when you have a question its amazing how he good he is at explaining difficult subjects. He makes it look easy and gives us confidence in our math abilities.
16	By far the best calculus professor I have had. Dr. Wigglesworth explains concepts in a super easy to understand fashion. Coming from making Cs in Cal I and II, being able to make an A or B in his Cal III class is something I never would have expected. He communicates really efficiently and clearly with students. Highly recommend taking his course.