# ARSC - 1213 (Spring 2021) Survey 1 - 1213 (2021)

## University of Arkansas UARK

Course:	MATH 2603 002 - DISCRETE MATHEMATICS	Department:	MASC
Responsible Faculty:	Derrick Wigglesworth	Responses / Expected:	14 / 26 (53.85%)
Overall Mean:	<ul><li>4.71 Excellent to Very Poor (28 responses)</li><li>4.71 5 Point Likert Scale (154 responses)</li></ul>		

			M	ATH 2603	3 - 0	002				Sur	vey Co	mparis	ons	
AR	SC College Core: Course Questions		Respon	ses (%)			С	ourse		MASC			All	
		SA	Α	U	D	SD	N	Mean	N	Mean	Pct Rnk	N	Mean	Pct Rnk
Q1	Assignments are related to goals of this course.	12 85.7%	1 7.1%	1 7.1%	0	0	14	4.79	3.3K	4.62	70	29K	4.61	62
Q2	The teaching methods used in this course enable me to learn.	11 78.6%	1 7.1%	2 14.3%	0	0	14	4.64	3.3K	4.20	76	29K	4.25	67
Q3	The stated goals of this course are consistently pursued.	12 85.7%	2 14.3%	0	0	0	14	4.86	3.3K	4.48	92	29K	4.51	79

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)

				MATH 26	603 - 00	2				Sur	vey Co	omparisons		
AR	SC MASC: Course Based Questions		Resp	onses (%)	)		C	ourse		MASC			All	
		SA	Α	U	D	SD	N	Mean	N	Mean	Pct Rnk	N	Mean	Pct Rnk
Q4	I actively participate in class activities and discussions.	7 50%	4 28.6%	2 14.3%	1 7.1%	0	14	4.21	3.3K	3.94	74	3.3K	3.94	74
Q5	I put much effort into this course.	9 64.3%	2 14.3%	2 14.3%	1 7.1%	0	14	4.36	3.3K	4.33	54	3.3K	4.33	54
Q6	My problem-solving abilities improved because of this course.	8 57.1%	6 42.9%	0	0	0	14	4.57	3.3K	4.08	88	3.3K	4.08	88

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)

					MATH 26	603 - 002									
Demographics		Responses (%) Course													
	COE	COE	DBC	FJS	JWF	SMW	SOL	GS	U	N					
Q7 Your College:	0	14 100%	0	0	0	0	0	0	0	14					

 $\label{eq:responses: [COE] College of Education and Health Professions$ 

[COE] College of Engineering

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

[FJS] Fay Jones School of Architecture and Design

 $\left[ \textbf{JWF} \right] \, \textbf{J}.$  William Fulbright College of Arts and Sciences

 $\left[ \textbf{SMW} \right]$  Sam M. Walton College of Business

[SOL] School of Law

[GS] Graduate School

[U] UNDECLARED

<b>_</b>			MATH 2603 - 002			
Demographics		Responses	; (%)			Course
	Α	В	С	D	F	N
Q8 Expected grade	9 64.3%	3 21.4%	2 14.3%	0	0	14

Responses: [A] A/PASS [B] B [C] C [D] D [F] F/FAIL

			MATH 2603 - 0	002			
Demographics		Resp	onses (%)				Course
	F	S	J	S	G	0	N
Q9 Your class	6 42.9%	6 42.9%	2 14.3%	0	0	0	14
		Res	ponses: [F] Freshman	[S] Sophom	nore [ <b>J</b> ] Ju	unior [ <b>S</b> ] S	enior [ <b>G</b> ] Graduate [ <b>O</b> ] Other

		MATH 2603 - 002	
Demographics	Respor	ıses (%)	Course
	YES	NO	Ν
Q10 Course required	11 78.6%	3 21.4%	14

Responses: [YES] Yes [NO] No

		M	IATH 260	3 - 0	02				Su	irvey Co	mparisor	ıs	
University Core Course		Respons	es (%)		(	Course		MASC		All			
	E	G	F	Р	VP	N	Mean	N	Mean	Pct Rnk	N	Mean	Pct Rnk
Q11 Overall, I would rate this course as:	9 64.3%	4 28.6%	1 7.1%	0	0	14	4.57	3.3K	4.08	80	29K	4.24	62

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)

			Derri	ick \	Wiggles	worth	ı			Sur	vey Col	mparis	ons	
ARS	C College Core: Instructor Questions		Respons	ses	(%)		Inc	lividual		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.	14 100%	0	0	0	0	14	5.00	3.3K	4.61	94	31K	4.65	88
Q13	My instructor is readily available for consultation.	14 100%	0	0	0	0	14	5.00	3.3K	4.44	95	31K	4.46	92
Q14	My instructor explains difficult material clearly.	11 78.6%	2 14.3%	0	1 7.1%	0	14	4.64	3.3K	4.20	71	31K	4.31	61

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)

		Derri	ck Wig	gles	wor	th			Surv	/ey Co	mparis	ons	
ARSC MASC: Instructor Based Questions		Respons	ses (%)			Ind	lividual		MASC			All	
	SA	A	U	D	SD	N	Mean	N	Mean	Pct Rnk	N	Mean	Pct Rnk
<b>Q15</b> My instructor explains new ideas by relating them to familiar concepts.	11 78.6%	2 14.3%	1 7.1%	0	0	14	4.71	3.3K	4.24	84	3.3K	4.24	84

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)

		0	Derrio	ck Wi	igglesw	orth			S	urvey Cor	nparison	s	
University Core Instructor	Re	Responses (%)					ndividual		MASC		Ali		
	SA	SA A U D SD M				N	Mean	Ν	Mean Pct Rnk		N	Mean	Pct Rnk
Q16 My Instructor is fluent in English	14 100%	0	0	0	0	14	5.00	3.3K	4.74	82	31K	4.80	76

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)

			Derrick V	liggl	eswort	:h			Su	rvey Cor	nparison	IS		
University Core Instructor		Responses (%)					Individual MASC					All		
	E	G	F	Р	VP	N	Mean	N	Mean	Pct Rnk	N	Mean	Pct Rnk	
Q17 Overall, I would rate this instructor as:	13 92.9%	0	1 7.1%	0	0	14	4.86	3.3K	4.35	85	31K	4.44	74	

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:	What did you like best or find most useful in this course?
Response Rate:	No participants responded to this question. (0 of 14)

Qu	estion:	What are some things the instructor did well	to facilitate learning?
Response	e Rate:	No participants responded to this question.	(0 of 14)

Question: What did you find most beneficial in this class? What are the main things you will take away from it?

Response Rate: No participants responded to this question. (0 of 14)

### Response Rate: No participants responded to this question. (0 of 14)

Question:	What would you like to see added to this course?
Response Rate:	No participants responded to this question. (0 of 14)

	sponoe nate.	No participants responded to this question. (0 0114)					
	Question:	In what ways did the format of this class (reading before lecture, group work during lecture, synchronous meeting schedule, etc.) help your learning? In what ways did the format hinder your learning?					
Res	sponse Rate:	92.86% (13 of 14)					
1	reading bef	ore class helped me go to class prepared.					
2	The learned	the most while doing the challenge problems and doing the group work within the class.					
3	The group v	ork during lecture had the effect of clearing up concepts I was lost on.					
4	The group v	ork during the work helped me a lot since I dozed off sometimes in lecture. Group work makes you get back into focus.					
5	The format of this class is excellent and really helped with learning the material. The only complaint I have is that the due time for the Zybook readings felt really awkward for to me. There were some times where I missed a reading deadline because I forgot that it was due at 11:00 instead of right before class even though I still intended on reading the material. On Zybook you can get credit by clicking all the answers randomly until they are correct without having to actually attempt to solve the questions, and because of the awkward due times I found myself doing this a lot just to "complete the work" and get my credit and then later come back and actually read the material at a time that works better for me. But other than this, I feel like the rest of the class structure is perfect.						
6		iscussions were effective and allowed for both guided and individual learning of the content. Doing the reading before lecture wasn't always necessary and with it felt unrewarding.					
7	It helped by	having a grasp on the material before talking about it in class.					
8	It helped a l	ot getting an understanding of the material before we went more in depth on it in lecture.					
9	In person te	aching worked really well. Online learning did not work.					
10	easier to un	ng before class and working several application problems was an effective method of introducing concepts and encouraging engagement, as it made it much derstand and work example problems during class, and helped me learn the concepts more thoroughly. I enjoyed group work during lecture, as it enabled me to tudents and talk through more difficult or advanced questions. I attended in person every chance I had, and this helped me get engaged and learn more efficiently.					
11	the case he	reading before lecture. Normally, professors will ask for pages upon pages of reading before every lecture where the reading is not that relevant, but that is not re. The amount of reading is manageable and I really do think it helped me understand the material, for most of the sections. I did like the group work during the only problem with it started happening when half the class moved to online then the groups got really small which is not in any way the faculty's fault.					
12	knew exact	the format, I found that I was able to learn a lot more from the time we had in class. Because we sort of understood the material before coming in, we already y what questions we wanted to ask and as a result, learning in class was a lot more productive and efficient. It didn't hinder in any way; the readings were sized , only taking about 20ish minutes which is awesome compared to some of my other classes.					
13	-						

	Question:	In what ways did the grading structure of this class (assignments graded satisfactory/unsatisfactory, retaking LOAs, advanced explorations) help your learning? In what ways did the grading structure hinder your learning?				
Res	ponse Rate:	92.86% (13 of 14)				
1	retake befor new problem	structure was very good for LOAs. The LOAs had a quick turn around time and you could go over exactly what you missed at that time when it was fresh and e you forgot anything. The format didn't work as well for challenge problems, because they were larger and longer, they took much longer to grade, so it felt like a nonce you got your feedback. I feel that makinig challenge problems shorter, but more numerous would make them fit the course much better and allow for an to get them back to students. This could be difficult to keep them at the preferred difficulty, however.				
2	The grading	of this class makes everything seem fair, you earn what you worked for.				
3		ge problems and the retake of LOAs actually helped me learn a lot better, because i am motivated to pass the loas. The challenge problem was a lot, but it did e understanding on the concepts we learn.				
4		ere an efficient way to test our understanding of the different topics and keep us from falling behind, and the challenge problems pushed us to explore our ng of concepts and apply our knowledge outside the short problems worked on class. I thought the structure of the course was very well thought out.				
5		learning by allowing me to see what I did wrong and correct it and submit it for a better grade. The challenge problems helped get a deeper or more complex ng of the topics.				
6	It has made	this course a lot less stressful. The only thing I wished is that advanced explorations had a tighter deadline so I would gotten started on them earlier.				
7	I think this way of grading was amazing. It made sure everyone had a good chance to get the grade they want it was all up to how much effort they wanted to put in.					
8		rading system is fantastic because it focuses on material mastery rather than memorization and comprehension. The challenge problem and LOA structure is a nation and I would love if more professors implemented such an application-based learning structure.				
9	I found that	tyle of learning. With it, I knew that if I wanted an A, I would be able to achieve it with work. Because I wasn't constantly under pressure of worrying about grades, was able to just enjoy the content of the class more. I wasn't learning material just so I could pass the next exam, I was learning it because I was genuinely 'his, on top of Dr. Wigglesworth's INCREDIBLE teaching made this class a joy to have.				
10	Big fan of th	is grading style. It is very objective. I knew what I had to do to get an A from day 1.				
		b have lots of chances to retake LOAs is really helpful because it allows us to secure our grades by having multiple chances, and it encourages us to study the ial more to have a deeper understanding of it since we obviously wouldn't want to fail again during a retake.				
11	mastered al	plaint is that if you want to qualify for an A, you can only miss a single LOA. I think it would be better if we could be allowed to miss at least two. Having but just 2 concepts in the entire class for LOAs seems fair to me for an A, but that's just my opinion. I'm sure you considered a lot of different options before e course requirements.				
12	based on po work, well ye hindered my	rading structure was intimidating, but once I got use to the idea of how it worked it has actually become one of my favorite grading scales. There was nothing ints. It was all based on work and your dedication to getting said work done. So from day 1, you knew what you needed to do and you could do it. Was it a lot of is, but the challenge problems and LOAs were rewarding and kept material fresh while allowing us to dig deeper into certain topics. The only time I felt it grade was just the semi long turn arounds on challenge problems. I can totally see why they would take a while though, so I am not blaming the instructor just ey took a while it was hard to dive back into them with the same level of understanding in order to resubmit.				

	Faculty:	Derrick Wigglesworth					
	Question:	Comments:					
Res	sponse Rate:	50.00% (7 of 14)					
1		e than amazing as always Dr. Wigglesworth! Your courses always go above and beyond to be excellent, and I feel like I learned a lot to a high degree of ng. I'm very sad to see you leaving the university and I hope this isn't the last I hear of your name.					
2	One of the best teachers I've ever had. Never have I had a teacher who cared so much about helping students learn. He goes above and beyond in his explanations and takes as much time as needed in class to answer any questions. It's honestly a shame that he won't be teaching next semester because I would have 1000000% recommended him to all of my peers. I'll miss the enthusiasm he had for the class.						
3	I think I can say with confidence that Dr. Wigglesworth has been my favorite professor in the math department. I have had him twice now, and both times he explained everything really well. And if I ever did not understand something the first run through he would even reexplain it if you asked him too. I have also never had a professor so actively wanting students to ask questions, which was great.						
4	the class fel	comfortable asking questions, and thought the course was designed to encourage discussion with the professor and with my classmates. The organization of t less stressful and more effective than most classes I've taken, as it encouraged thorough understanding and application of concepts and gaged this and thoroughly.					
5		worth is an enthusiastic professor with a clear mastery of the subjects he teaches. His class structure is innovative and well ahead of traditional formats and I notes learning in a much better fashion. I will be recommending him to anyone who has to take Discrete Mathematics in the future!					
6	Dr. Wigglesv	vorth is worth every wiggle					
7	Always look	forward to lecture. The enthusiasm placed in teaching is appreciated.					

# ARSC - 1213 (Spring 2021) Survey 1 - 1213 (2021)

Course:	MATH 2603 003 - DISCRETE MATHEN	IATICS	Departr	ment:	MASC
Responsible Faculty:	Derrick Wigglesworth		Responses / Expe	ected:	20 / 29 (68.97%)
Overall Mean:	<ul><li>4.72 5 Point Likert Scale (220 responses)</li><li>4.70 Excellent to Very Poor (40 responses)</li></ul>				
		MAT	H 2603 - 003		- Survey Comparisons

-	ARSC College Core: Course Questions		Responses (%)				Course		MASC			All		
		SA	Α	U	D	SD	N	Mean	N	Mean	Pct Rnk	N	Mean	Pct Rnk
	Q1 Assignments are related to goals of this course.	17 85%	3 15%	0	0	0	20	4.85	3.3K	4.62	80	29K	4.61	72
	<b>Q2</b> The teaching methods used in this course enable me to learn.	16 80%	3 15%	0	0	1 5%	20	4.65	3.3K	4.20	76	29K	4.25	68
	<b>Q3</b> The stated goals of this course are consistently pursued.	16 80%	4 20%	0	0	0	20	4.80	3.3K	4.48	84	29K	4.51	73

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)

		MATH 2603 - 003							Survey Comparisons					
AR	ARSC MASC: Course Based Questions		Responses (%)					Course		MASC			All	
		SA	Α	U	D	SD	N	Mean	N	Mean	Pct Rnk	N	Mean	Pct Rnk
Q4	I actively participate in class activities and discussions.	12 60%	5 25%	1 5%	2 10%	0	20	4.35	3.3K	3.94	86	3.3K	3.94	86
Q5	I put much effort into this course.	10 50%	8 40%	1 5%	1 5%	0	20	4.35	3.3K	4.33	52	3.3K	4.33	52
Q6	My problem-solving abilities improved because of this course.	11 55%	6 30%	2 10%	1 5%	0	20	4.35	3.3K	4.08	70	3.3K	4.08	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)

					MATH 2	2603 - 003				
Demographics		Responses (%)								
	COE	COE COE DBC FJS JWF SMW SOL GS U								N
Q7 Your College:	0	18 90%	0	0	2 10%	0	0	0	0	20

Responses: [COE] College of Education and Health Professions

 $[\textbf{COE}] \ \text{College of Engineering}$ 

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

[FJS] Fay Jones School of Architecture and Design

 $\left[ \textbf{JWF} \right] \,$  J. William Fulbright College of Arts and Sciences

[SMW] Sam M. Walton College of Business

[SOL] School of Law

[GS] Graduate School

[U] UNDECLARED

			MATH 260	03 - 003		
Demographics			Course			
	Α	В	С	D	F	N
Q8 Expected grade	13 65%	3 15%	3 15%	1 5%	0	20

Responses: ~ [A] ~ A/PASS ~ [B] ~ B ~ [C] ~ C ~ [D] ~ D ~ [F] ~ F/FAIL

<b>_</b>			MATH 26	603 - 003					
Demographics	Responses (%)								
	F	S	J	S	G	0	N		
Q9 Your class	5 26.3%	6 31.6%	6 31.6%	2 10.5%	0	0	19		

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

Demographics	MATH 2603 - 003										
gp	Respor	Course									
	YES	NO	N								
Q10 Course required	15 75%	5 25%	20								

#### Responses: [YES] Yes [NO] No

University Core Course			МАТ	H 2603	- 003			Survey Comparisons						
		Respo	onses (	(%)		c	Course		MASC		All			
	E	G	F	Ρ	VP	N	Mean	N	Mean	Pct Rnk	N	Mean	Pct Rnk	
Q11 Overall, I would rate this course as:	13 65%	5 25%	1 5%	1 5%	0	20	4.50	3.3K	4.08	75	29K	4.24	56	

#### 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)

		Der	rick W	/igg	leswo	orth		Survey Comparisons						
ARSC College Core: Instructor Questions	1	Respon	ses (%	%)		Inc	dividual		MASC		All			
	SA	Α	U	D	SD	N	Mean	N	Mean	Pct Rnk	N	Mean	Pct Rnk	
Q12 My instructor displays a clear understanding of course topics.	19 95%	1 5%	0	0	0	20	4.95	3.3K	4.61	86	31K	4.65	75	
Q13 My instructor is readily available for consultation.	20 100%	0	0	0	0	20	5.00	3.3K	4.44	95	31K	4.46	92	
Q14 My instructor explains difficult material clearly.	16 80%	3 15%	1 5%	0	0	20	4.75	3.3K	4.20	82	31K	4.31	72	

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)

		Derr	ick	Wig	glesv	vorth	ı	Survey Comparisons						
ARSC MASC: Instructor Based Questions	Responses (%)					Ind	lividual	MASC			All			
	SA	A	U	D	SD	N	Mean	N	Mean	Pct Rnk	N	Mean	Pct Rnk	
<b>Q15</b> My instructor explains new ideas by relating them to familiar concepts.	18 90%	2 10%	0	0	0	20	4.90	3.3K	4.24	94	3.3K	4.24	94	

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)

		C	Derric	k Wi	gglesw	orth		Survey Comparisons							
University Core Instructor		Responses (%)					ndividual		MASC		All				
	SA	A	U	D	SD	N	Mean	N	Mean	Pct Rnk	N	Mean	Pct Rnk		
Q16 My Instructor is fluent in English	20 100%	0	0	0	0	20	5.00	3.3K	4.74	82	31K	4.80	76		

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		De	rrick	Wig	glesw	orth		Survey Comparisons							
		Respons	ses (	%)		In	dividual		MASC						
	E	G	F	Ρ	VP	N	Mean	N	Mean	Pct Rnk	N	Mean	Pct Rnk		
Q17 Overall, I would rate this instructor as:	18 90%	2 10%	0	0	0	20	4.90	3.3K	4.35	88	31K	4.44	79		

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:	What did you like best or find most useful in this course?	
Response Rate:	No participants responded to this quantian $(0 \text{ of } 20)$	

No participants responded to this question. (0 of 20)

Question: What are some things the instructor did well to facilitate learning?

Response Rate: No participants responded to this question. (0 of 20)

Question: What did you find most beneficial in this class? What are the main things you will take away from it?

	Question:	What did you find most challenging and what, if anything, did the instructor do to help you meet this challenge?						
Res	sponse Rate:	No participants responded to this question. (0 of 20)						
	Ouestion:	What would you like to see added to this course?						
Res		No participants responded to this question. (0 of 20)						
	Question:	In what ways did the format of this class (reading before lecture, group work during lecture, synchronous meeting schedule, etc.) help your learning? In what ways did the format hinder your learning?						
Res	ponse Rate:	95.00% (19 of 20)						
1	none of the	format of the class hindered me, it was setup very well and helped me grasp the concepts.						
2	This format	did not hinder my learning whatsoever. It allowed me to sharpen my skills of self-pacing as well as be more open minded to learning in different ways in general.						
3		I reading before class where I could have the basic idea down of what was going on, then in class going over what the reading was about, then doing group work. re really helped me understand the materials of the course.						
4	The reading	before class and group work was helpful. I think regular homework assignments would have been more helpful than the challenge problems.						
5		of the class was helpful to me in almost every way. The only part of the class that proved difficult on me were the challenge problems. My time management t where they should be, and so I let the challenge problems pile up on me at the end of the semester.						
6	The format of the class when it comes to actually learning core concepts of the class were excellent. He took a learn as you go approach which is a method I've ever seen done by any professor. Every professor in the university should do this because it encourages students to take the time their with their studies and not feel like they have to cram before exams. Though I was hesitant about the structure of the course at first, I ended up loving it. His addition to technology into the course enabled me to learn python, Latex, and jupyter notebook, which are technologies I will continue throughout my coding career.							
7	The format helped me learn by allowing me to work at my own pace if there was something I needed extra practice on. I wish every class was like this so that we would be judged by if we learned the content immediately when it's taught even if we struggle with it. The only potential issue with the format is procrastination, but that's entirely on the students if they make that mistake. To prevent the procrastination issue I would just like to see the challenge problems be due in increments throughout the semester.							
8	The format of this class helps me understand the course materials better. The reading before lecture gives me the idea what is going to be covered in class, then I have the chance to ask and discuss with the professor and other classmates about that. The synchronous meeting is really helpful, especially during this pandemic situation. I have no trouble following this format of the class.							
9		t groups and specific LOAs were wonderful. Those made sure that I knew the material and helped me stay on top of the class. The reading before the lecture t I do not learn well from a book.						
10	where I was	ore was good as was meeting on time, together in the classroom. I enjoyed the group work because I liked my partner. However, there were some instances required to work with some other people, and it proved to be very difficult. I appreciate how Wigglesworth would go around and check up on us constantly during ork, always happy to field questions.						
11	N/A							
12	It did not. T	nere was gaps between material and assignments.						
13	I think it gre	atly improved my success in this course, as I was not only exposed prior to class, I also was able to reinforce concepts during group work.						
14		the way in class learning set up where we would take the time to test our understanding of the current topic that was being discussed in lecture by going off into working on quick assignments. I wouldn't say there was anything about the way the class was setup that hindered my learning.						
15	I really enjoy	red the breakout sessions. I think it is incredibly helpful to work out and collaborate on problems every session because it keeps the content fresh on my mind.						
16	I felt like the much more	e structure was extremely helpful! Having to read before the class allowed better discussion during class. The use of zybooks also made the textbook reading bearable.						
17	we would ge	ass feeling more prepared and able to understand the material upon having it explained to me a second time. The groupwork was sometimes unhelpful because t stuck on a problem, but not have time to address it. Having only a single day to go over most topics proves unhelpful because, now at the end of the semester, ig to remember concepts from the beginning.						
18	before being	ch of a reading person, however, it was pretty essential for my success in college for future classes. This class helped me understand that reading the content exposed to it in class compounded my understanding of a topic even if it initially made me more confused. However, sometimes the textbook was a little counting unit especially), and I relied on the class lectures more for those units.						
19	Having an u	nderstanding of the material before discussing it in class greatly helped in solidifying my knowledge of the material						
	Question:	In what ways did the grading structure of this class (assignments graded satisfactory/unsatisfactory, retaking LOAs, advanced explorations) help your learning? In what ways did the grading structure hinder your learning?						

### Response Rate: 95.00% (19 of 20)

1 the release of pressure from normal grading structure enabled me to focus more on the objective. It also helped to know I could have another chance to get it right.

- 2 This helped my learning tremendously, I was able to retry assessments and actually grasp concepts rather than bomb the quiz and move on. This made it to where I actually understand all aspects for an A rather than doing just enough
- 3 The grading structure ensured that I was always engaged in the material being covered in class. I cannot confidently say that the grading structure hindered my learning.
- 4 The grading structure requires you to learn the material and be able to demonstrate an understanding of it while not being to harsh on students. I have no issues with it, I'd even say it's perfect.

The grading structure was really good. The retake policy incentivized one to go back and re-learn content that they were unfamiliar with, helping build a comprehensive foundation for the rest of mathematics that stem from Discrete Math. Additionally, challenge problems compounded my understanding by making me explore topics in the

5 textbook that I otherwise would not have, exposing me to more types of problems and since it is done independently(with help from the Professor), come up with my own way to think through a problem to solve it. Additionally, Professor Wigglesworth was always active in Discord and other communication methods, making help really easy to get. Overall, the professor really goes out of the way to ensure a student's success and it is well done.

The ability to re-take LOA's was integral in the result of my grade as it helped me learn from my mistakes and solidify concepts.

However, sometimes grading on a satisfactory/unsatisfactory scale can be vague and objective, but most of the time it did not hinder my learning ability.

7 The LOAs were so frequent and I felt like the time that was in between learning the material and taking the LOA was perfect. It wasn't enough time to forget what we had learned, and also was enough time for me to need to go back and review and reinforce what I had learned.

8 The LOA's took too high of a grade in order to get credit for it.

9 Satisfactory and unsatisfactory worked well. I think it made it less stressful when you fail an assignment. Also, the commentation in Gradscope helped push any unsatisfactory work to satisfactory.

10 Retaking the LOAs until receiving a Satisfactory made sure that I did understand the material. The Challenge Problems additionally gave me a new way of thinking about the topics.

Really neat grading structure. You can tell a lot of thought was put into how to accurately grade a class while promoting learning and assignment understanding. More courses should adopt a similar structure.

12 N/A

13 It is an excellent system. He rewarded students for understanding concepts which he brilliantly layed out into Learning objectives. The quizzes themselves each had a purpose to them and it was very clear what we were going to be assessed on.

14 | I thought it was confusing at first, but ultimately helpful especially with test anxiety. It forced me to understand most if not all of the concepts in order to pass the LOAs

15 I thinks the LOAs and being able to retake them helped. The challenge problems were okay, but I'll admit I didn't do a lot of those to see if I developed more of an understanding or not.

16 I think the grading structure works well for other students. I feel like through the chaos of this semester I had a hard time doing assignments with no hard due dates, because I felt like I could always do them later.

17 I personally like the grading structure of this class, especially the retaking LOA, since I could have chances to improve my understand and my performance. I have no trouble with this.

18 Being able to retake pretty much anything until you get it to a good state is incredibly useful as a student who does not perform fantastically on big tests

19 Being able to retake the LOAs and CPs was helpful since it gave you time to actually learn it rather than just fail and move on.

	Derrick Wigglesworth						
Question:	Comments:						
esponse Rate:	35.00% (7 of 20)						
You did a ve	ry good job. You have a rare skill of breaking complex mathematical ideas into smaller more relatable situations that are easier for the brain to grasp.						
grading, and through bon in a way that	est class I have ever taken. I'm not a fan of discrete math and I'm not being biased just because this is a computer science related course. The structure, the instructor have all been incredible and I couldn't ask for anything better. All students are given plenty of opportunity to succeed, but instead of doing this us points or something we are instead allowed to take more time to learn difficult concepts. I wish every course was laid out this way instead of teaching things t encourages cramming and doesn't help students remember things long term, so most of the content is forgotten soon after the class is over. This class really way I think in daily life.						
Overall I really enjoyed this class even though I will most likely end this class with a D. Dr. Wigglesworth is a wonderful teacher who can teach complex ideas really well to where anyone can understand the idea.							
	vorth, I think that you found a very unique and successful way to teach this course. It worked very well for me and I hope more professors will put as much ime into their work as you do in my future. Thank you!						
content. Eac forgetting th	worth has one of the best formats for a remote/hybrid learning environment, and ensured that I worked hard for my grade, while helping me understand the ch quiz is not a set pass/fail, and there a lot of opportunities to make up a quiz, incentivizing students to learn the content as opposed to cramming for a quiz and me material right afterwards. This class genuinely made me better at thinking through problems rather than formulaically going through problems, especially llenge Problems.						
	worth was an incredible professor and greatly assisted in my learning. The layout of this class encouraged me to learn and he greatly guided that process. Was a ng in his class, I wish he taught more classes further down in my coursework.						
Amazing. Do	n't lose this man.						
	sponse Rate: You did a ve This is the b grading, and through bon in a way tha changed the Overall I rea where anyor Dr. Wigglesv intentional t Dr. Wigglesv content. Eac forgetting th through Cha Dr. Wigglesv pleasure bei						