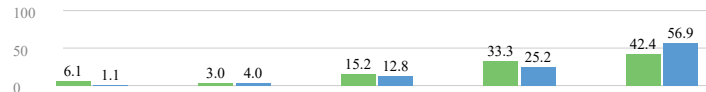


**MATH 314 Calculus of Several Variables - Winter 2021**  
Section 002  
Tuan Pham

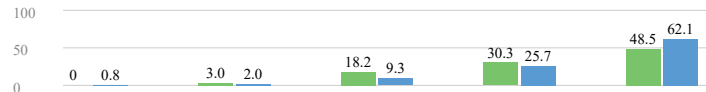
**Instructor Effectiveness**

Explained concepts effectively  
33 / 46 responded



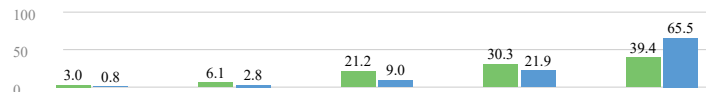
Section %  
Dept %

Well organized  
33 / 46 responded



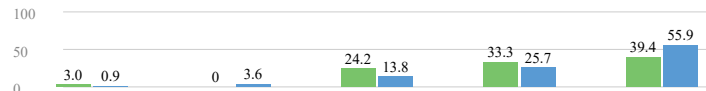
Section %  
Dept %

Opportunities to get help  
33 / 46 responded



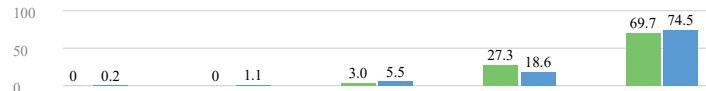
Section %  
Dept %

Opportunities for student involvement  
33 / 46 responded



Section %  
Dept %

Responded to students respectfully  
33 / 46 responded

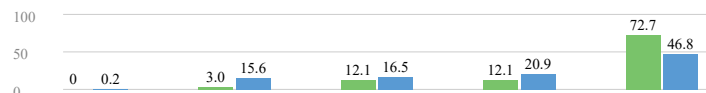


Section %  
Dept %

Not At All Effective    Not Very Effective    Moderately Effective    Effective    Very Effective

**Helped students achieve the Aims of a BYU Education**

Spiritually strengthening  
33 / 46 responded



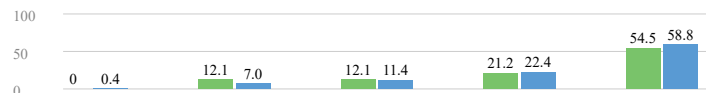
Section %  
Dept %

Intellectually enlarging  
33 / 46 responded



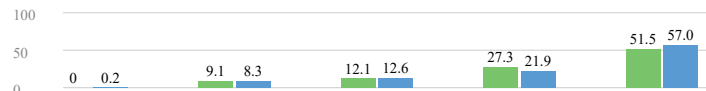
Section %  
Dept %

Character building  
33 / 46 responded



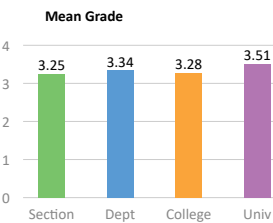
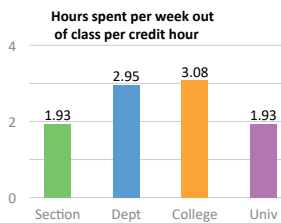
Section %  
Dept %

Leading to lifelong learning and service  
33 / 46 responded



Section %  
Dept %

Detracted    No Effect    Moderately Enhanced    Enhanced    Strongly Enhanced



**Grade distribution (%)\***

Grade	Section	Dept	College	Univ
A	53.2	63.1	50.2	69.3
B	25.5	18.9	17.4	15.4
C	12.8	7.7	7.9	4.0
D	4.3	2.0	2.0	1.0
E	2.1	2.1	3.7	1.2
W	2.1	5.6	5.2	2.6

\* Mean Grade as of Grade Submission Deadline

\*\* Grade Distribution (%) as of Grade Submission Deadline  
\* % may not add up to 100% due to non-ABCDEW grades

## Student Comments

**Note:** Random ID's are assigned to students within each section and have no relevance outside of that section.

Semester	Course	Random ID	<b>Question: Explained concepts effectively</b>
Winter 2021	MATH 314	114025105324	An incredible lecturer, with a clear gift for providing visualizations for unintuitive concepts.
Winter 2021	MATH 314	1021115606188	Very clear teaching. Made the material feel simple to understand. Only thing I would add is that sometimes more time was spent on the basic concepts than needed, so that more advanced applications were missed (which the homework would then include).
Winter 2021	MATH 314	220678710243	He always provided good explanations of difficult topics, striving to help us gain the intuition behind things. I appreciated that he always attempted to provide visualizations (even if his drawings were sometime lacking, he used Mathematica to great effect to show what we were discussing).
Winter 2021	MATH 314	838670175647	The lectures were generally pretty clear. At times they seemed a little disorganized, and the examples weren't always completely thought out. But it made sense
Winter 2021	MATH 314	747360098187	The biggest danger I faced was that I would stop paying attention.
Winter 2021	MATH 314	736488773945	I always understood what he was teaching and he always explained it conceptually, algebraically and geometrically.
Winter 2021	MATH 314	275252146265	He is one of the best math teachers I've had at BYU (and I've had a lot) and he was excellent at explaining the concepts and how they worked.
Winter 2021	MATH 314	914152151702	Even on the complicated vector calculus concepts, I felt every lecture had a slow and steady build up to a satisfying and understanding conclusion. I have never understood challenging mathematical concepts as well as I have in this class.
Winter 2021	MATH 314	99754234848	I learned so much in this class
Winter 2021	MATH 314	118221468367	I honestly like reading the textbook more than anything but I think he's a great teacher!
Semester	Course	Random ID	<b>Question: Well organized</b>
Winter 2021	MATH 314	967503349554	It was very easy to know which assignments were due, and the class was very well organized.
Winter 2021	MATH 314	114025105324	Without a doubt, my most well-organized class, with the course material clearly laid out both on Learning Suite and our course website.
Winter 2021	MATH 314	1021115606188	The only issue was keeping up with the schedule of topics. Most of the time the material was behind, and class often went long. This may be due to the shortened semester, but I would suggest less time is needed introducing the more basic principles.
Winter 2021	MATH 314	220678710243	It's almost impossible to cover all of this material in the allotted time, and the Tuesday Thursday format made it even worse. Classes frequently ran overtime, and we still had many times where topics got cut off prematurely and concepts were rushed through.
Winter 2021	MATH 314	838670175647	The lectures felt a bit disorganized at times, but for the most part it was great
Winter 2021	MATH 314	747360098187	Good textbook to follow.
Winter 2021	MATH 314	736488773945	has lots of resources and new concepts build off of previous ones

Winter 2021	MATH 314	275252146265	We sometimes did not have enough time in class to cover everything, but overall it was a very logical order. It made much more sense than the first time I took it with another teacher.
Winter 2021	MATH 314	99754234848	It's a straight forward class. Not easy, but it's structured in a way that can be well understood
Winter 2021	MATH 314	118221468367	Great guy, love him!
Semester	Course	Random ID	<b>Question: Opportunities to get help</b>
Winter 2021	MATH 314	967503349554	Every single class period by asking whether any student had any questions, and always tried to reexplain difficult concepts.
Winter 2021	MATH 314	114025105324	Lecture notes, practice exam solutions, supporting videos, classroom recordings, and office hours provided a plethora of assistance for students who needed it.
Winter 2021	MATH 314	220678710243	He struggled to answer questions at times, but always showed a willingness and desire to help. The size of the classroom and mask wearing made it hard for him to understand what people were saying, and even when he did I felt that he could have provided more thorough and comprehensive answers. Time crunch definitely played a role.
Winter 2021	MATH 314	838670175647	He made a point of answering questions before each class and made supplemental videos when he couldn't cover everything he wanted to in lecture
Winter 2021	MATH 314	747360098187	I can tell that he just wants to make sure we all understand it.
Winter 2021	MATH 314	736488773945	Always would work with students who didn't understand the concepts until they did
Winter 2021	MATH 314	275252146265	There was sometime some misunderstanding between him and students, but overall he was very good at fostering understanding with the students.
Winter 2021	MATH 314	99754234848	Super helpful and is willing to slow down when needed
Winter 2021	MATH 314	602243574179	Very eager to help
Winter 2021	MATH 314	118221468367	tuan is a hero.
Semester	Course	Random ID	<b>Question: Opportunities for student involvement</b>
Winter 2021	MATH 314	114025105324	Dr. Pham made a clear effort to have his students actively learn through peer-to-peer engagement within the classroom.
Winter 2021	MATH 314	220678710243	He would often give us problems to work out during class in partners, but there was never enough time to finish these exercises, which was frustrating.
Winter 2021	MATH 314	838670175647	He had us collaborate with our peers to some degree. He also made sure to ask the students questions while lecturing to make sure we understood.
Winter 2021	MATH 314	736488773945	He did as best as he could with covid restrictions
Winter 2021	MATH 314	275252146265	He gave us one resource to view visually what we were talking about in class and would make videos to address topics he couldn't in class.
Winter 2021	MATH 314	99754234848	It's a great learning environment

Winter 2021	MATH 314	426326140098	I think it is hard to do this kind of thing with the blended class, but he tried.
Winter 2021	MATH 314	118221468367	Tuan is a king, love that man.
Semester	Course	Random ID	<b>Question: Responded to students respectfully</b>
Winter 2021	MATH 314	1021115606188	Always very respectful. Never seemed annoyed or frustrated when needing to explain something again.
Winter 2021	MATH 314	220678710243	Once again, a time crunch made it difficult for him to properly address sincere questions in class, but I never felt like he invalidated somebody for asking a question.
Winter 2021	MATH 314	838670175647	He always answered students' questions effectively
Winter 2021	MATH 314	747360098187	He worked with me to deal with issues in both midterms.
Winter 2021	MATH 314	736488773945	always answered questions
Winter 2021	MATH 314	275252146265	He is one of the kindest people.
Winter 2021	MATH 314	99754234848	The teacher is the best!
Winter 2021	MATH 314	426326140098	He was very respectful.
Winter 2021	MATH 314	118221468367	He's a hero in this respect.
Semester	Course	Random ID	<b>Question: Spiritually strengthening</b>
Winter 2021	MATH 314	114025105324	Dr. Pham began every lesson with a prayer and a spiritual thought that tied into that day's lecture - a wonderfully spiritual way to begin our class.
Winter 2021	MATH 314	220678710243	Always opened class with a prayer and a quick spiritual thought, which I appreciated! Brought a different kind of feeling to a math class which was a breath of fresh air.
Winter 2021	MATH 314	838670175647	He had a prayer and spiritual thought before every class, it was uplifting
Winter 2021	MATH 314	736488773945	would always have a spiritual thought at the beginning of class
Winter 2021	MATH 314	275252146265	I constantly felt his love and gratitude for the gospel and he very effectively brought the spirit in.
Winter 2021	MATH 314	914152151702	Glad to start of with a prayer every day!
Winter 2021	MATH 314	99754234848	I loved starting class with a prayer and a quick spiritual thought
Winter 2021	MATH 314	602243574179	Honestly the best spiritual engagement of any BYU math course ever.
Winter 2021	MATH 314	118221468367	He talks about spiritual subjects in class and is awesome!

Semester	Course	Random ID	<b>Question: Intellectually enlarging</b>
Winter 2021	MATH 314	220678710243	I've learned so much in this course! It really feels like the capstone to all the other calculus I've studied. Whole worlds of possibilities have been opened up by the concepts covered here.
Winter 2021	MATH 314	838670175647	Yup, I know multivariable calculus now!
Winter 2021	MATH 314	747360098187	First time a math class has had concepts I struggle to understand within the first exposure.
Winter 2021	MATH 314	736488773945	I learned multi variable calculus
Winter 2021	MATH 314	275252146265	He is such an amazing teacher that he made things so easy to understand.
Winter 2021	MATH 314	914152151702	Always opened up each concept to a real world application. Also increased my understanding of calculus as a whole.
Winter 2021	MATH 314	99754234848	This class is hard, but worth it
Winter 2021	MATH 314	118221468367	Calculus is great.
Semester	Course	Random ID	<b>Question: Character building</b>
Winter 2021	MATH 314	1021115606188	Trust inspires trustworthiness. He trusted us.
Winter 2021	MATH 314	838670175647	This class was a challenge and it took some character to succeed
Semester	Course	Random ID	<b>Question: Leading to lifelong learning and service</b>
Winter 2021	MATH 314	220678710243	Has made me want to study more and then teach it to others!
Winter 2021	MATH 314	838670175647	This class has given me a great background for future mathematical study
Winter 2021	MATH 314	275252146265	He lives with such visible joy and love that it is infectious.
Winter 2021	MATH 314	99754234848	I was inspired by this class to become a math major
Semester	Course	Random ID	<b>Question: Hours spent out of class</b>
Winter 2021	MATH 314	1021115606188	The homework represented a good variety of problems to practice without becoming tedious or overly repetative.
Winter 2021	MATH 314	747360098187	Most of it was from homework and reading over the book to make sure I know what was covered in class.
Winter 2021	MATH 314	275252146265	I was very poor at consistently doing homework in this class but it was very logically set up and was a good load to foster understanding.
Winter 2021	MATH 314	914152151702	Assignments were spaced out very well. The work load was manageable even though the assignments were quite tricky, especially at the end.

Winter 2021	MATH 314	99754234848	Lots of homework and study, but it's more of a personal choice
Winter 2021	MATH 314	602243574179	Pretty typical for a math class
Winter 2021	MATH 314	360083240635	Around 2 hours of homework was due every Tues/Thurs
Winter 2021	MATH 314	951757361989	Usually around 5 on weeks without midterms, and weeks with midterms, around 15.
Winter 2021	MATH 314	817168805933	reading homework exam
Semester	Course	Random ID	<b>Question: Additional comments</b>
Winter 2021	MATH 314	967503349554	This class was definitely better than Calculus 2.
Winter 2021	MATH 314	114025105324	Dr. Pham has been one of the greatest math teachers I have ever had, and I am grateful for the opportunity to have taken multivariate calculus from him.
Winter 2021	MATH 314	1073900201788	More examples during class would be much appreciated. I was very grateful for the WebAssign extra credit!
Winter 2021	MATH 314	886524221910	It is seen that Professor Pham is thoroughly interested in what he teaches and it shows in how he teaches it well.
Winter 2021	MATH 314	1021115606188	Great work. Valuable course. Again, the only thing I would change is that more time was spent teaching the basic concepts than was needed. For example, a full 5:00-6:15 class period was more than needed to teach taking a derivative of a vector. If some (but not all) of the time that was spent building students' intuition was spent on more complicated applications instead, the class time wouldn't feel quite as easy and the homework wouldn't be quite as difficult. That being said, this was far better than if complicated applications were taught without building intuition. It is a hard balance, one I don't know that I could find myself, but as a student I understood the intuition behind things far earlier than the explanations of them ended, which I thought may be helpful to know.
Winter 2021	MATH 314	220678710243	Dr. Pham is great! It feels like he was dealt a bad hand with such a rushed schedule of topics to cover, but I thought he did the best he could reasonably be expected to.
Winter 2021	MATH 314	838670175647	The extra credit was very generous! It was also helpful for studying for midterms, I generally did them all a few days before midterms to review and it helped a lot.
Winter 2021	MATH 314	526274299221	It was a good class however it was kind of hard to follow at times. I felt like sometimes we would go off on a tangent that didn't need to be gone off on and it was hard to follow the concepts being taught
Winter 2021	MATH 314	246414910559	Great class! I'm very thankful to the amount of extra credit given. It really took less stress off in the class and made me able to enjoy math again after MATH 113 and 213. Awesome teacher and great course layout.
Winter 2021	MATH 314	747360098187	Very interesting class, I learned a lot about math from it. And thank you for how much you just want to help us learn, rather than grade our work and be done with it.
Winter 2021	MATH 314	876529441716	I felt like we spent too much time on certain topics but then there wasn't enough time to focus on others. Also class was a little boring, but I liked Professor Pham
Winter 2021	MATH 314	275252146265	He's amazing. Give him a raise! Never let him go!
Winter 2021	MATH 314	914152151702	Excellent instructor. By far the most in depth lectures I have had in any math class.

Winter 2021	MATH 314	99754234848	This was literally my favorite class. It's hard, but the teacher is incredibly helpful.
Winter 2021	MATH 314	408556078764	I had to teach myself everything
Winter 2021	MATH 314	602243574179	He was a little bit hard to understand but super willing to help which I felt overcame any barrier that language created. Great man.
Winter 2021	MATH 314	4146888488	I don't want to give him bad reviews because I feel that I have no right to, but in the spirit of complete transparency I sopped attending after my first day of class. I had trouble understanding him and felt completely lost in the first lecture so I decided I would likely have better luck teaching myself out of the book. I have a 95% in the class so I would say my method worked...
Winter 2021	MATH 314	951757361989	I really appreciated you talking about spiritual things and having a prayer before class started, and I appreciated how your class content was organized as well. You did a great job of responding to student feedback and using tons of different tools to teach students. This was definitely a difficult class, but you gave tons of options for students to succeed! The only feedback I would give back is that in my linear algebra class last semester, the professor had a review session before every midterm and that always really helped me succeed, to have someone go over it with me, instead of just going over it myself. I know there was a review session for the first midterm for this class, but I don't recall getting an email for any other review sessions. I don't know if you get a TA or the session that was offered was through the department, but maybe just making an announcement on learning suite when those are happening so students don't lose out on that opportunity. Again, thank you so much for your effort! This was an amazing class, and you made it very possible to succeed with your effort in giving students lots of opportunities and different ways to learn course content.
Winter 2021	MATH 314	817168805933	He is a very nice and caring professor!
Winter 2021	MATH 314	1043986683579	Prof Pham was a great teacher and my second favorite math teacher at BYU, and I've taken a lot of math classes. He is interesting to listen too and does a great job of providing examples on the board and is easy to follow. I think his class is structured very well with written homework every night, with online additions to provide extra practice, but is optional.
Winter 2021	MATH 314	518657459103	It was a little difficult simply because of the language/cultural barrier, but he is a great instructor. A little more classroom interaction would be good...
Winter 2021	MATH 314	356050882065	I thought the lectures could be more streamlined and direct rather than focusing on symbolic equations. Real examples similar to homework and tests could be focused on. Other than that I loved the structure of the class and found Professor Pham to be very understanding and helpful in the learning process.