

Virginia State University Outstanding Faculty Award 2021-2022
Star Award in Teaching For Non-Tenure Faculty

Daniel C. Fritz, Ed.D

Assistant Professor of Mathematics, Department of Mathematics and Economics, College of Engineering and Technology

Dr. Daniel C. Fritz is an Assistant Professor in the College of Engineering and Technology. Dr. Fritz received his undergraduate degree in engineering from North Carolina A&T State University; another undergraduate degree in pure mathematics from Winston Salem State University; he came back to North Carolina A&T State University to receive his Master of Science degree in applied mathematics with research experience in weather patterns. Later, while being employed at Virginia State University, he received his Doctorate Degree in Education. The emphasis on this research (while attending A&T) was study why hurricanes changing directions due to pressure, sea surface temperature, wind shear and Coriolis force using mathematics, atmospheric chemistry and physics. Dr. Fritz conjectured that pressure was the main driving force do to the change of directions of these powerful wind forces. Dr. Fritz was commissioned as an Army officer and served on active duty during Desert Shield and was an outstanding athlete in cross-country, track and field and played college football for the Aggies. Dr. Fritz's interest was in not only the study of hurricanes and weather pattern but to develop students from every lifestyle to be scholars in mathematics, engineering, biological, medical sciences business as well. Dr. Fritz joined Virginia State University mathematics and computer science department in August of 2011.

While teaching mathematics at Virginia State University, Dr. Fritz has been the advisor for the National Society of Pershing Rifles organization and is the founder, advisor and owner of the Ten Tigers of Taekwondo and Self Defense-Dan Fritz Academy. Dr. Fritz is also a martial arts expert who teaches martial arts training to the faculty, staff and students as professional service to the university. He tells students to focus eyes, focus mind, and focus body. This means to focus eye on your work, focus your mind on your work-concentrate, focus body-stay seated and finish what you have started. He served as the parliamentarian for the faculty senate- one term for a faculty senate chair; he is presently a faculty senator representing the mathematics and economics department. **Dr. Fritz was the 2021 Virginia Council of Teacher of Mathematics: William C. Lowery University Educator of the year.**

Dr. Fritz loves teaching calculus courses; demonstrating problems involving the instantaneous rate of change over time with engineering, calculus based physics and sports science applications. He also uses mathematical application to explain examples of speed, power, acceleration of kicks, punches and various strikes. Dr. Fritz is certified by Quality Matters to teach online classes. He has been innovative in making instructional videos in mathematics for his students. Students have been successful during his asynchronous and synchronous instructional set ups on and on Blackboard and on Canvas during snow days and during the Covid-19 crisis. He has also taught statistics and have create the Daniel C. Fritz Perception

Model (which are four equations –including the main equation) which measures groups of participants perception strength based on their beliefs and opinion inclusive of a survey. Dr. Fritz is also a professional wrestler; he wrestles under the name of “Mr. Excellent”; he lives up to this name in and out of the ring. He tell all of his fans and including his students to S.O.S. which means to “Stay in school, obey your parents, say no to drugs. His passion is that everyone should embrace an education and never take it for granite. He also encourages the students to focus on learning and not on the grades. He always say if you focus on learning (and not stress about the grades while learning) good grades will come.