

Kyle Havens

Assistant Professor of Mathematics

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Kyle is a college level mathematics educator in the greater San Diego area. He has taught for over 10 years at several colleges and universities, completing over 450 combined units. He is currently full-time at Point Loma Nazarene University. Kyle has experience teaching calculus I-III, statistics, linear algebra, problem solving, business math, algebra at many levels, elementary number systems, and more.

Experience

Point Loma Nazarene University

JANUARY 2014 TO PRESENT

Assistant Professor of Professional Practice

- Experienced with calculus, linear algebra, statistics, elementary number systems, and algebra.
- Taught numerous courses in quantitative literacy for the purposes of general education.
- Updated precalculus, business mathematics, and problem solving to function fully online.
- Developed and updated lab materials for statistics, calculus I, and calculus II.
- Skilled in lesson plan development and managing online coursework in traditional and hybrid environments.
- Began teaching at PLNU in 2014 as an adjunct. Transitioned to part-time in 2019 then to full-time in 2024.

San Diego State University

SEP. 2022 TO DEC. 2022

Adjunct Professor of Mathematics

- Taught the fourth course in the sequence of mathematics for elementary educators which involves activity-based learning about probability and statistics in the K-8 classroom.

University of San Diego

JAN. 2018 TO DEC. 2020

Adjunct Professor of Mathematics

- Taught college algebra and calculus II.
- Skilled in designing projects to challenge the students to further explore mathematical concepts.

Southwestern College

AUG. 2013 TO JUNE 2019

Adjunct Professor of Mathematics

- Experienced with accelerated algebra course (combination of intermediate algebra 1 & 2) emphasizing graphing applications.
- Experienced teaching calculus II, trigonometry, algebra, and prealgebra.
- Used many online interfaces, including Canvas, Blackboard, WebAssign, MathXL, and MyMathLab.

Grossmont College

AUG. 2013 TO JUNE 2019

Adjunct Professor of Mathematics

- Most recently taught calculus III (multivariate), precalculus, and elementary number systems.
- Experienced teaching applied calculus, algebra, prealgebra, all with excellent evaluation.
- Effective use of technology in the classroom such as GeoGebra and other graphical tools crucial to three-dimensional modeling.

Cuyamaca College

AUG. 2015 TO DEC. 2016

Adjunct Professor of Mathematics

- Taught calculus II for three semesters.
- Experienced with personal website design and WebAssign to promote self-learning.

San Diego State University

SEP. 2012 TO MAY 2013

Graduate Teaching Assistant

- Taught elementary number systems course for two semesters.
- Assisted in the inverted method calculus course with excellent evaluation.
- Assisted an online precalculus course using WileyPLUS.
- Extensive feedback from SDSU faculty and peers aimed towards professional development.

San Diego State Research Foundation

JAN. 2012 TO SEP. 2012

Graduate Research Assistant

- Research in advanced modern algebra in algebraic coding theory.
- Aided in the development of SAGE, a free web-based algebra program.

Office of Naval Research Enterprise Internship Program

SUMMER 2008 AND 2009

Mathematics and Engineering Intern

- Was selected to participate in SPAWAR's ten-week internship program for two consecutive summers.
- Experienced programming in MATLAB applied to naval research.
- Studied behavior of sonar signals and processed bathymetric data using statistical methods.

Education

San Diego State University

AUG. 2011 TO MAY 2013

Master of Arts in Mathematics

- Graduated with a 3.93 GPA in the program designed for college professors.
- Excelled in rigorous mathematics courses and in crucial education courses.
- Awarded a teaching assistantship.
- Recruited for a research assistantship in modern algebra by his algebraic coding theory professor.

Purdue University

SEP. 2010 TO JUNE 2011

- Studied mathematics to prepare for a graduate program.
- Excelled in engineering courses before choosing a new career path.

Point Loma Nazarene University

SEP. 2006 TO MAY 2010

Bachelor of Science in Engineering Physics

- All four years on the Dean's list, graduating *Cum Laude*.
- Awarded the President's Scholarship from the Department of Science.

Skills

- Certified to teach hybrid and online courses via Canvas at Point Loma Nazarene University.
- Experienced with online course development using both synchronous and asynchronous designs.
- Experienced with video lecture content creation and implementation on Canvas.
- Experienced with a variety of educational technology, including but not limited to Excel, R, Python, Matlab, Latex, GeoGebra, MyMathLab, WebAssign, WileyPLUS, Achieve, Maxima, Maple, SPSS, SAGE, HTML, video creation, video editing, video streaming, tablet integration, and online whiteboards.

Accomplishments and Service

- Tutored privately for various graduate level statistics courses.
- Member of the Mathematical Association of America's quantitative literacy SIGMAA.
- Scored a perfect 800 on the analytical (math) section of the Graduate Record Examination.
- Chosen for the USBC San Diego All Star bowling team.
- Bowled numerous perfect games and 800+ series.