



Kyle Havens

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EXPERIENCE

Point Loma Nazarene University

January 2014 to present

Part-Time Professor of Mathematics

- Recently updated precalculus, business mathematics, and problem solving to function fully online.
- Experienced with calculus, statistics, elementary number systems, and algebra.
- Developed and updated lab materials for calculus I and II.
- Skilled in lesson plan development and managing online coursework.
- Currently salaried on a yearly contract teaching 22-24 units.

San Diego State University

September 2022 to December 2022

Adjunct Professor of Mathematics

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

University of San Diego

January 2018 to December 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

August 2013 to June 2019

Adjunct Professor of Mathematics

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

Grossmont College

August 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

August 2015 to December 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

September 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

January 2012 to September 2012

Graduate Research Assistant

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

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

August 2011 to May 2013

Master of Arts in Mathematics

- Graduated with a 3.93 GPA in the program designed for community 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 professor.

Purdue University

September 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

September 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, Matlab, Latex, GeoGebra, MyMathLab, WebAssign, WileyPLUS, Maple, SAGE, HTML, YouTube video creation, video editing, video streaming, tablet integration, and online whiteboards.

OTHER ACCOMPLISHMENTS AND SERVICE

- Tutored privately for various graduate level statistics courses.
- Held office hours for courses at every institution, paid and unpaid.
- Scored a perfect 800 on the analytical (math) section of the Graduate Record Examination.