

Teaching Dossier for Kevin J. McGown

Department of Mathematics and Statistics California State University, Chico

Associate Professor, Fall 2017 – Present

Math 120 — Calculus and Analytic Geometry I ($\times 4$)
Math 121 — Calculus and Analytic Geometry II
Math 217 — Discrete Mathematics ($\times 6$)
Math 260 — Elementary Differential Equations ($\times 2$)
Math 235 — Linear Algebra
Math 330 — Methods of Proof
Math 317 — Cryptography ($\times 2$)
Math 420 — Advanced Calculus I ($\times 2$)
Math 421 — Advanced Calculus II
Math 465 — Complex Variables ($\times 2$)

Assistant Professor, Fall 2014 – Spring 2017

Math 118 — Trigonometry
Math 121 — Calculus and Analytic Geometry II ($\times 2$)
Math 217 — Discrete Mathematics ($\times 3$)
Math 260 — Elementary Differential Equations
Math 346 — College Geometry
Math 399 — Putnam Competition Seminar ($\times 2$)
Math 399 — Intro. to Analytic Number Theory
Math 330 — Methods of Proof
Math 337 — Introduction to the Theory of Numbers ($\times 2$)
Math 420 — Advanced Calculus ($\times 2$)
Math 449 — Modern Algebra
Math 499 — Measure Theory
Math 499 — Number Theory Topics

Department of Mathematics and Computer Science Ursinus College

Assistant Professor, Fall 2012 – Summer 2014

Math 010 — Problem Solving
Math 211 — Multivariable Calculus ($\times 2$)
Math 235 — Linear Algebra ($\times 2$)
Math 335 — Abstract Algebra

Math 413 — Numerical Analysis
Math 434 — Number Theory
Math 451 — Galois Theory

Mathematics Department Oregon State University

Postdoctoral Scholar, Fall 2010 – Spring 2012

Math 231 — Elements of Discrete Mathematics I
Math 251 — Differential Calculus
Math 254 — Vector Calculus I
Math 306 — Matrix & Power Series Methods ($\times 2$)
Math 342 — Linear Algebra II ($\times 2$)
Math 343 — Introduction to Modern Algebra
Math 440/540 — Computational Number Theory
Math 649 — Algebraic Number Theory

Mathematics Department University of California, San Diego

Senior Teaching Assistant, Summer 2009 – Spring 2010

The duties of the Senior TA include training new TAs, performing teaching observations, and scheduling discussion sections.

Associate Instructor, Summer 2009

Math 20F — Linear Algebra

Summer Qual Prep Instructor, Summer 2008

Complex Analysis — I taught an intensive summer course in complex analysis designed to prepare graduate students to take the qualifying examination in the subject.

Graduate Teaching Assistant, Fall 2005 – Spring 2009

Math 10A — Differential and Integral Calculus for Non-Science Majors
Math 20A — Differential Calculus
Math 20B — Integral Calculus
Math 20C — Multivariable Calculus and Analytic Geometry
Math 20D — Differential Equations ($\times 3$)
Math 20F — Linear Algebra

Math 104A, 104B — Number Theory
Math 220A, 220B, 220C — Graduate Complex Analysis

Mathematics Department San Diego Miramar College

Adjunct Professor, Summer 2007 – Fall 2008

Math 035 — Prealgebra
Math 096 — Intermediate Algebra and Geometry ($\times 2$)

Mathematics Department Oregon State University

Graduate Teaching Assistant, Spring 2004 – Spring 2005

Math 111 — College Algebra
Math 252 — Integral Calculus
Math 306 — Matrix and Power Series Methods
Math 254 — Vector Calculus I

Undergraduate Grader, Fall 2003 – Winter 2004

Math 311 — Advanced Calculus
Math 430 — Metric Spaces and Topology

Undergraduate Teaching Assistant, Spring 2003

Math 232 — Elements of Discrete Mathematics II

Education Department Oregon State University

Instructor, Summer 2001 – 2005

I was an instructor for *Adventures in Learning* and *Outside the Box*, which are pre-college summer programs for advanced 5th through 8th grade students. I taught the following two classes, for which I designed the curricula.

“Computer Programming and Problem Solving in C”
“How To Solve the Rubik’s Cube”