

# Teaching Dossier for Kevin J. McGown

## **Department of Mathematics and Statistics California State University, Chico**

Associate Professor, Fall 2017 – Spring 2022

Math 120 — Calculus and Analytic Geometry I ( $\times 4$ )  
Math 121 — Calculus and Analytic Geometry II  
Math 217 — Discrete Mathematics ( $\times 9$ )  
Math 260 — Elementary Differential Equations ( $\times 2$ )  
Math 235 — Linear Algebra  
Math 330 — Methods of Proof  
Math 337 — Number Theory  
Math 317 — Cryptography ( $\times 3$ )  
Math 420 — Advanced Calculus I ( $\times 2$ )  
Math 421 — Advanced Calculus II ( $\times 2$ )  
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”