THOMAS KINDRED

COURSES TAUGHT OR TA'D

Teacher-Scholar Postdoc. Fellow & Visiting Asst. Professor, Wake Forest Univ. July 2021-present

Winston-Salem, NC
- Topology: knot theory & spanning surfaces, computing and applications (S24)
- Introduction to Linear Algebra and Differential Equations (F23, S24)
- Topics in Topology: the linear algebra of curves and surfaces in space (S23)
- Topology: continuity, connectedness, compactness; graduate course (F22)
- Discrete Mathematics: logic, sets, functions, graphs, proofs (F22, S23, F23)
- Calculus with Analytic Geometry I (F21, S22, F24)

Postdoctoral Faculty Fellow, University of Nebraska-Lincoln August 2018-May 2021

Lincoln, NE
- Topics in Topology: knot theory via spanning surfaces; flipped classroom (S21)
- Linear Algebra (F18, F19, F20)
- Discrete & Finite Math: graphs & combinatorics, proofs; inquiry-based (F20)
- Topology II: fundamental groups, covering spaces, homology; qual course (S20)
- Introduction to Modern Algebra: a "rings first" proofs course (S19, F19)

Instructor, Teaching Assistant, and Tutor, University of Iowa Fall 2012-May 2018

Iowa City, IA
- Topics in Topology: substitute professor for six weeks post-defense (S18)
- Engineering Math 2: vector calculus with Mathematica (F13, S14, S15, S18)
- Calculus 2 (F17)
- Elementary Functions: precalculus with trig (S17, instructor of record)
- College Algebra (F16, instructor of record)
- Grad topology: general topology, homotopy theory, smooth manifolds (F15-S16)
- Summer prep course for qualifying exam in topology (2015, 2016)
- Engineering Math 1: single-variable calculus (F14)
- Introduction to Undergraduate Research (S13)
- Mathematics for the Biological Sciences (F12)

Math and Physics Teacher, Potts Camp High School August 2009-May 2012

Potts Camp, MS
- AP Calculus AB (F09-S10, F11-S12)
- Physics (F11-S12)
- AP Physics C Mechanics (F10-S11)
- Trigonometry and Precalculus (F09-S12)
- Algebra 2 (F09-S12)
- Geometry (F09-S12)

Math Teacher, The Charles School November 2008-May 2009

Columbus, OH
- Pre-algebra
- Fundamentals of math

Teaching Assistant and Grader, Williams College September 2004-May 2007

Williamstown, MA
- Discrete Math
- Real Analysis