

Summary of Courses Taught

Here I have listed the courses that I have taught over the course of my career, divided by institution. A more thorough listing of the courses that I've taught along with a breakdown by the semester in which they were taught follows on the next few pages.

Courses Taught at Wofford College.

Regularly Scheduled Courses.

- MATH 140 Introduction to Statistics
- MATH 170 Preparation for Calculus: Functions Modeling Change
- MATH 181 Calculus I
- MATH 182 Calculus II
- MATH 210 Multivariable Calculus
- MATH 212 Vector Calculus
- MATH 235 Discrete Mathematical Models
- MATH 240 Ordinary Differential Equations
- MATH 255 Colloquia!*
- MATH 415 Topology
- MATH 446 Partial Differential Equations
- MATH 448 Functions of a Complex Variable

* This course has not run since Spring 2019.

Interim Courses.

- Mastering Game Mastering
- Game Mechanics
- Scrabble!
- Storytelling Through Board Games
- Learning Work
- Heavy Board Games

Independent Studies.

- Bifurcation Theory of Burgers Equation
- Introduction to Quantum Computing
- Partial Differential Equations
- Introduction to Calculus Pedagogy
- A Statistical Analysis of *Big Brother*
- Inverse Scattering for the Korteweg-de Vries Equation

Honors Courses.

- Quantum Information (Thesis: Entanglement Distribution of Universal Quantum Cloners, James Daughtry)
- Random Walks and the Relativistic Heat Equation (Thesis: An Analysis of the Telegrapher Equation with a Bifurcation Parameter to Model Relativistic Diffusion, Hunter Wages)
- Quantum Graphs and a Model of the Nervous System (Thesis was not completed.)

Courses Taught at Wake Forest University.

REGULARLY SCHEDULED COURSES.

- MTH 111 Calculus with Analytic Geometry I

- MTH 113 Multivariable Calculus
- MTH 211 Advanced Calculus
- MTH 251 Ordinary Differential Equations
- MTH 352/652 Partial Differential Equations*
- MTH 712 Real Analysis: Measure Theory[†]

* This course is cross-listed as both an undergraduate and first year graduate level course.

[†] This is a second year graduate level course.

Independent Studies.

- MTH 718 Topics in Analysis: C*-Algebras[†]

[†] This was a graduate level course.

Courses Taught at the University of Toronto.

- MAT 135 Calculus I
- MAT 196F Calculus A
- MAT 197S Calculus B
- MAT 235 Calculus II
- MAT 290F Advanced Engineering Mathematics

Courses Taught at Georgian College.

- MATH 1006 Mathematics for Technology
- MATH 1018 Introduction to Technical Mathematics

Courses Taught at Wofford College

FALL 2026	MATH 170 Preparation for Calculus: Functions Modeling Change MATH 210 Multivariable Calculus CHAIR COURSE RELEASE
SPRING 2026	MATH 181 Calculus I MATH 182 Calculus II CHAIR COURSE RELEASE
INTERIM 2026	JAN 379 Heavy Board Games
FALL 2025	MATH 181 Calculus I MATH 210 Multivariable Calculus CHAIR COURSE RELEASE
SPRING 2025	MATH 181 Calculus I MATH 240 Ordinary Differential Equations* MATH 480 Independent Study: Bifurcation Theory of Burgers Equation MATH 480 Independent Study: Introduction to Quantum Computing MATH 500 Honors Course: Quantum Information
INTERIM 2025	JAN 316 Mastering Game Mastering
FALL 2024	MATH 210 Multivariable Calculus* MATH 446 Partial Differential Equations MATH 500 Honors Course: Quantum Information
SPRING 2024	MATH 240 Ordinary Differential Equations* CHAIR COURSE RELEASE (sabbatical replacement)
INTERIM 2024	JAN 302 Game Mechanics
FALL 2023	MATH 210 Multivariable Calculus* MATH 181 Calculus I
SPRING 2023	MATH 415 Topology MATH 182 Calculus II*
INTERIM 2023	JAN Game Mechanics
FALL 2022	MATH 140 Introduction to Statistics* MATH 446 Partial Differential Equations
SPRING 2022	ON SABBATICAL
INTERIM 2022	ON SABBATICAL
FALL 2021	MATH 210 Multivariable Calculus* MATH 182 Calculus II
INTERIM 2021	JAN 345 Scrabble!
SPRING 2021	MATH 415 Topology MATH 182 Calculus II*
FALL 2020	MATH 446 Partial Differential Equations MATH 181 Calculus I*
SPRING 2020	MATH 240 Differential Equations* MATH 182 Calculus II
INTERIM 2020	JAN 321 Storytelling Through Board Games
FALL 2019	MATH 210 Multivariable Calculus* MATH 181 Calculus I

* indicates that two sections of the course were taught in the given semester

Courses taught at Wofford College, continued

SPRING 2019	MATH 240 Differential Equations*
	MATH 255 Colloquia!
	MATH 448 Functions of a Complex Variable
	MATH 500 Honors Course: Random Walks and the Relativistic Heat Equation
INTERIM 2019	JAN 348 Scrabble!
FALL 2018	MATH 500 Honors Course: Random Walks and the Relativistic Heat Equation
	MATH 446 Partial Differential Equations
	MATH 210 Multivariable Calculus*
SPRING 2018	MATH 240 Differential Equations*
	MATH 235 Discrete Mathematical Models
INTERIM 2018	JAN 380 Learning Work
FALL 2017	MATH 210 Multivariable Calculus*
	MATH 181 Calculus I
SPRING 2017	MATH 500 Honors Course: Quantum Graphs and a Model of the Nervous System
	MATH 470 Independent Study in Mathematics: Partial Differential Equations
	MATH 270 Independent Study in Mathematics: Introduction to Calculus Pedagogy
	MATH 240 Differential Equations*
	MATH 181 Calculus I
INTERIM 2017	JAN 315 Scrabble!
FALL 2016	MATH 500 Honors Course: Quantum Graphs and a Model of the Nervous System
	MATH 446 Partial Differential Equations
	MATH 181 Calculus I*
SPRING 2016	MATH 480 Advanced Topics in Mathematics: Partial Differential Equations
	MATH 480 Advanced Topics in Mathematics: A Statistical Analysis of <i>Big Brother</i>
	MATH 240 Differential Equations*
	MATH 181 Calculus I
INTERIM 2016	JAN 349 Scrabble!
	JAN 200 <i>Big Brother</i> : A Statistical Analysis
FALL 2015	MATH 480 Advanced Topics in Mathematics: Inverse Scattering for the Korteweg-de Vries Equation
	MATH 212 Vector Calculus
	MATH 182 Calculus II*
SPRING 2015	MATH 446 Partial Differential Equations
	MATH 182 Calculus II*
FALL 2014	MATH 210 Multivariable Calculus
	MATH 181 Calculus I*

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Courses Taught at Wake Forest University

SPRING 2014	MTH 718 Topics in Analysis: C^* -Algebras
	MTH 352/652 Partial Differential Equations
	MTH 111 Calculus with Analytic Geometry I
FALL 2013	MTH 712 Real Analysis: Measure Theory
	MTH 113 Multivariable Calculus
SPRING 2013	MTH 682 Reading in Mathematics: Harmonic Analysis
	MTH 211 Advanced Calculus
	MTH 111 Calculus with Analytic Geometry I
FALL 2012	MTH 251 Ordinary Differential Equations
	MTH 113 Multivariable Calculus
SPRING 2012	MTH 352/652 Partial Differential Equations
	MTH 111 Calculus with Analytic Geometry I
FALL 2011	MTH 111 Calculus with Analytic Geometry I*

* indicates that two sections of the course were taught in the given semester

Courses Taught at the University of Toronto

SUMMER 2011	MAT 135 Calculus I Faculty of Arts and Science
WINTER 2009	MAT 197S Calculus B Faculty of Applied Science and Engineering
FALL 2008	MAT 290F Advanced Engineering Mathematics Faculty of Applied Science and Engineering
SUMMER 2008	MAT 235 Calculus II Faculty of Arts and Science
FALL 2007	MAT 196F Calculus A Faculty of Applied Science and Engineering
SUMMER 2007	MAT 135 Calculus I Faculty of Arts and Science

Courses Taught at Georgian College

FALL 2009	MATH 1006 Mathematics for Technology* School of Engineering Technology & Apprenticeship and the School of Environmental Studies
	MATH 1018 Introduction to Technical Mathematics School of Engineering Technology & Apprenticeship and the School of Environmental Studies

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