Elizabeth Burns McLaughlin

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Education

Master of Science in Applied Mathematics, 12/22/1988
University of Arizona, Tucson, Arizona

BFA, Graphic Arts/Studio Art, 8/12/1982
University of Arizona, Tucson, Arizona

French/American Study Center, 1978
Lisieux, France

Professional Experience

Assistant DUS, Mathematics, UNC, Chapel Hill, 2020- present

Teaching Associate Professor, UNC, Chapel Hill, 1998- present

Instructor, University of Utah, Salt Lake City, Utah, 1995-98

Fixed-Term Faculty, Rutgers University, New Brunswick, NJ, 1991-94

Instructor, Westminster Choir College, Princeton, NJ, 1991

Instructor, Trenton State College, Ewing, NJ, 1990-91

TA Instructor, University of Arizona, Tucson, AZ, 1986-89

Teacher, K-12, Abbey Loveland Tuller School, Tucson, AZ, 1984-86

Honors

Faculty of Science Fellowship, Mathematics, 1986-87
University of Arizona

Academic Scholarship, Mathematics, 1986-87
University of Arizona

Teaching Activities

University of North Carolina, Chapel Hill:

Fall 2022: Math 233 Calculus 3, Math 231 Calculus 1, Math 152 Business Calculus

Spring 2022: Math 233 Calculus 3, Math 232 Calculus 2, Math 152 Business Calculus

Fall 2021: Math 233 Calculus 3, Math 231 Calculus 1, Math 110 College Algebra

Summer 2 2021: Math 233 Calculus 3, Summer Bridge Math 110 College Algebra

Summer 1 2021: Math 233 Calculus 3

Spring 2021: Math 233 Calculus 3, Math 110 College Algebra

Fall 2020: Math 233 Calculus 3, Math 232 Calculus 2

Summer 2 2020: Math 233 Calculus 3, Summer Bridge Math 110 College Algebra

Spring 2020: Math 233 Calculus 3, Math 110 College Algebra

Fall 2019: Math 233 Calculus 3, Math 232 Calculus 1

Summer 2 2019: Math 233 Calculus 3, Summer Bridge Math 110 College Algebra

Spring 2019: Math 233 Calculus 3, Math 232 Calculus 2, Math 152 Business Calculus

Fall 2018: Math 233 Calculus 3, Math 232 Calculus 2

Summer 2 2018: Math 233 Calculus 3, Summer Bridge Math 110 College Algebra

Spring 2018: Math 233 Calculus 3, Math 232 Calculus 2, Math 152 Business Calculus

Other Courses Taught

Other UNC math courses taught:
Discrete Math 381, Precalculus 130,
Math in Liberal Arts 118, 119, Algebra Preparatory R
Summer Bridge Program Math Precalculus 130
Friday Center's Calculus 231, 232 self-paced courses.

University of Utah, Salt Lake City, Utah
Courses taught: Calculus, Algebra, Math in Liberal Arts

Rutgers University, New Brunswick, NJ
Courses taught: Calculus (large lecture), Algebra, Math in Liberal Arts

Westminster Choir College, Princeton, NJ
Courses taught: designed an Algebra to Calculus survey course

Trenton State College, Ewing, NJ
Courses taught: Differential Equations, Linear Algebra, Logic, Math in Liberal Arts,
Collegebound High School Program

University of Arizona, Tucson, AZ
Courses taught: Differential Equations, Calculus, Algebra, Finite Math,
program designed for mathematically advanced middle school students

Abbey Loveland Tuller School, Tucson, AZ
Courses taught: all math courses 7th-12th grade,
designed computer science courses: K-12th grade

Grants

Finish Line Project, FLC, ($5000), 2016
Participated in the discussion of new instructional techniques, teaching styles and
relevant applications to be implemented in Math 231 to ensure success for more
first-generation college students.

CFE 100+ Course Redesign Grant ($1650), 2014
Redesigned Math 231 into a flipped-style course to be later integrated into the
large lecture format for Spring 2015.